THE HISTORY OF THE BENGALI LANGUAGE
THE HISTORY OF THE
BENGALI LANGUAGE

BY

BIJAYCHANDRA MAZUMDAR,
Lecturer in the Departments of Comparative Philology,
Anthropology and Indian Vernaculars,
Calcutta University

PUBLISHED BY THE
UNIVERSITY OF CALCUTTA
1920
PRINTED BY ATULCHANDRA BHATTACHARYYA
AT THE CALCUTTA UNIVERSITY PRESS, SENATE HOUSE, CALCUTTA
The following lectures on the History of the Bengali Language are intended to give a sketch, in broad outline, of the origins of that language and the various influences, linguistic, ethnic, social, that shaped and moulded its earlier history. One essential requirement of a scientific procedure in an investigation of this sort, I have steadily kept in view. The ethnic as well as the social history of a people or group of peoples must corroborate and light up the linguistic history, if the latter is to be rescued from the realm of prehistoric romance to which the story of philological origins, as so often told, must be however reluctantly assigned by the critical or scientific historian of to-day. One or two incidental results of my application of this anthropological test may be here mentioned. I have had no occasion to invent different Aryan belts for the imaginary migratory movements of some unknowable patois-speaking hordes, to account for the distinctive and peculiar phenomena of the provincial languages or dialects, e.g., those of Bengal: they are fitly explained by the successive ethnic contacts and mixtures with neighbouring or surrounding indigenous peoples. Similarly I have had no hesitation in recognizing within proper limits, the principle of miscegenation in the growth of language, as of race, provided that the organic accretions from outside grow to the living radicle or nucleus which persists as an independent or individual entity. In this way I have sought to explain many of the phenomena, regarding the grafting of Dravidian structural and syntactical elements, on some languages or dialects of so-called Aryan stock (including those of Bengal). One interesting example of this is to be seen in
the accent systems of the different Bengali dialects, which naturally show traces of that ethnic miscegenation to which the anthropological history of the people, bears an unmistakable testimony, the more so as tone and accent are among what may be called tertiary racial characters of speech, and in their deep working predispositions, and relative stability, supply fit material for experimental variations of this sort.

In the course of these lectures, I have dealt with the more important topics relating to the origins of the Bengali language, explaining my own views and conclusions, rather than combating the theories that hold the field, and I have used the illustrative material briefly and suggestively, rather than exhaustively.

A few words may be necessary to explain the occasion of the present publication. It was in 1909 that I first gave a definite shape to the results of my study of the Bengali language and its history, but certain eye troubles which began at about that time, interfered with the immediate completion of my plans. Three or four years later, after those troubles had ceased with the total loss of eye-sight, I turned to my materials again, and worked at them, till in 1917, not knowing what to do with these unpublished papers, I sent them at the instance of a friend, to the Hon’ble Sir Asutosh Mukerjee, President of the Council of Post-Graduate Teaching in Arts in the University of Calcutta to see if any use could be made of them in connection with that scientific study of the Vernacular, which had long been one of Sir Asutosh’s cherished projects in his scheme of University reconstruction and extension.

To my great surprise, not unmixed with thankfulness, I found myself called upon, months later, to deliver a course of lectures on the History of the Bengali Language, in the Post-Graduate Department in the University of Calcutta.
I took the advantage of the opportunity so generously afforded, to revise my original papers, in view of a number of facts, that had been since brought to light. I have to thankfully acknowledge, that when revising these papers, I was very much benefited by some highly valuable suggestions, which my friend, the eminent scholar Dr. Brojendranath Seal very generously offered.

Having had to use an amanuensis, and being without the means of inspecting either the manuscripts or the printed proofs, I am afraid, the following pages must contain numerous errors and misprints, for which the reader will, I know, excuse me. I am thankful to my young friend and colleague Babu Hemantakumar Sarkar, M.A., who has prepared the indexical contents and has brought several serious misprints to my notice.

I cannot end these prefatory words, without giving an expression, however feeble and halting, to the feeling of deep gratitude which overpowers me, when I think of the opportunity, which Sir Asutosh as the presiding genius of University education in Bengal, has opened to one circumstanced like me, an opportunity not only of that active self-expression, which has now become the staff of my life, but also of the fruition of my life’s studies and constructive endeavours in one important direction.

B. C. MAZUMDAR
INDEXICAL CONTENTS

LECTURE I

INTRODUCTION

A. Preliminary.—How Philology is related to Ethnology—pp. 1-2; the unscientific methods of Philologists criticised by Karl Pearson, pp. 2, 3; Grierson's theory, about the origin of Indian Dialects, pp. 3, 4; Risley's explanation, p. 6; Grammar and not vocabulary which gives a dialect its character, p. 6.

B. Preparatory.—Bengali-speaking tracts, pp. 7, 8; Bengali loosely called a sanskritic language, p. 8; Aryan vernacular, a better name, p. 8; the term Aryan has no ethnic significance, p. 8; structure and accent system are great factors in a language, p. 8; for derivation of words sound suggestions are misleading, p. 9; subjects necessary to discuss, as a preparatory measure:—(1) Geographical limits of Ancient Vanga or Bengal and the character of the Pre-Aryan tribes of Bengal, (2) The form of Aryan speech first introduced in Bengal, (3) The Aryan or Aryanized and the non-Aryan hordes which made inroads into Bengal from the earliest known time to the end of the 12th century A. D., p. 9; some important propositions stated:—

(1) Linguistic miscegenation—Keane's view—structure may be influenced to some extent by foreign influence—the mixture of vocabularies is not of much consequence—The example of Urdu—pp. 10-11.

(2) When a new structure is gradually built with new elements on a fresh basis, a new language is evolved; The natural and organised mode of thinking of a people can never be radically changed, p. 12.
(3) What is called a patois or vulgar speech is never a separate language—Isolation and want of culture bring about deformities, p. 12; Phonetic peculiarities and the anatomical structure of the vocal organs, p. 13; How pronunciation may at times be wholly due to the education of the ear, p. 13. Difference in pronunciation may at times be explained by climatic conditions as well as by the social life of ease or difficulty, pp. 14, 15; Racial character of speech, p. 15; Heredity and variation—Wundt’s inheritable predisposition, p. 15; Primary, Secondary and Tertiary racial characters in speech, pp. 15, 16; unity or homogeneity of a race cannot be postulated on linguistic basis alone, p. 17.

LECTURE II

ANCIENT BENGAL AND ITS PEOPLES.

Section I. The antiquity of the names Vanga and Bāṅgā

The Veda samhītās and the early Vedic literature do not mention the name Vanga—Atharva Veda mentions Anga—In the Atharva Veda Parisiṣṭha the word Vanga occurs with Magadha as a component of a compound word—The value of this silence, p. 18; Aitareya Brahmana mentions Vanga as a country of the barbarians, p. 20; Early Buddhistic literature is as silent as the Vedas; Vanga not colonised by the Aryans till 6th century B. C., p. 20; the aboriginal tribes known by their totem names, p. 21; the story of Vijaya Sinha and the colonisation of Bengal, p. 22; Early Magadhi influence in Ceylon, p. 23; Remnants of Bengali vocabulary and accent system in Sinhalese, p. 24; First Aryan settlement in Bengal, pp. 24, 25; Baudhāyana’s and Vasista’s limits of Āryāvarta,
LECTURE III

ANCIENT BENGAL AND ITS PEOPLES (contd.)

Section II.—The Geography of Old Bāṅglā and of other related tracts

Home of the non-Aryan Vangas as we find in the Mahabharata and Purāṇas—A portion of Kālaka-vana, came to be designated as Jhājakhaṇḍa—A portion of Jhājakhaṇḍa got the name Rāḍha or Lāḍha, p. 32—Temple of Vaidyanath situated in Rāḍha—Anga corresponds to Bhagalpur, Suhma to portions of Midnapur, with
LECTURE IV

ANCIENT BENGAL AND ITS PEOPLES (concl.d.)

Section III.—Gauḍa, Rāḍha and Banga

The name Gauḍa is of comparatively recent origin, p. 43—Geography of Gauḍa, in the 8th century A. D., p. 43—Meaning of the word Gauḍa, p. 44—Alberuni’s reference to Gauḍa, p. 44—A. K. Iyer, on the Gauḍa (Trihotrapur) origin of some Cochin Brahmins, p. 45. Political condition of Bengal from 8th-12th century A. D.

**LECTURE V**

**THE INFLUENCE OF THE DRAVIDIAN SPEECHES ON BENGALI**

How changes in a language and deviations from the norm may be explained, p. 55—The non-Aryan influence on the Aryan speeches, p. 55—Stenkonow’s remarks on the change of Aryan dentals into cerebrals, pp. 55-56. Cerebrals are never initials of genuine Dravidian words, p. 56—Bengali cerebrals are not so much cerebral as dental, p. 57—Mongolian influence, p. 58—Sir R. G. Bhandarkar’s explanation criticised, p. 58—Dravidian phonetic peculiarities noticeable in the formation of Pāli and other Prākṛita words, p. 59—Bengali ‘ফ’ from Dravidian ‘ вок’, p. 59—Caldwell Trumpp, Beams and Bhandarkar on the point, pp. 59-60—Stenkonow on the similarity between Etruscan and Dravidian, p. 61—Some of their common characteristics distinctly noticeable in Bengali language, p. 61—Illustrations of Early Dravidian
INDEXICAL CONTENTS


[pp. 55-74.

LECTURE VI

BENGALI PHONOLOGY


[pp. 75-105.
LECTURE VII

SOME FACTORS RELATING TO PHONOLOGY AND ACCENT

Section 1.—A Comparative Study of Accent.


LECTURE VIII

PHONOLOGY AND ACCENT (contd.)

Section 2.—Bengali Metrical System.

Bengali Metrical system based on syllables and not on letters—Metrical system of early Vaisnava Poets is artificial, p. 117—Character of Bengali syllables, p. 118—পঞ্চার metre based on 14 syllables and not 14 letters, p. 118—Illustrations of Bengali metrical system, p. 118—How from indigenous songs literary verses originated, p. 120—The opinion is wrong that हस्त words do not practically exist in old Bengali, p. 120—Madhusudan and Hemchandra's versification, p. 121—Evolution of our Metrical system, p. 121—Sanskrit metres of late origin, p. 121. Their Bengali prototypes, pp. 121-126—Hindi and Oriya modes of reciting poetry, p. 126. [pp. 117-27]
Section 3.—Accent traced in Sandhi and Compound Formation.


Appendix I.—A study of some Onomatopoetic Desi words, pp. 140-3.

Appendix II.—The Phenomenon of Sandhi, pp. 144-55.

LECTURE X

HOW CHĀNDASA IS RELATED TO LATER ARYAN SPEECHES.

INDEXICAL CONTENTS


LECTURE XI

Pāli and other old Prākṛtas

LECTURE XII

THE LITERARY PRÂKRTAS

ADDITIONS AND CORRECTIONS

P. 2, L. 33 for spaeks read speaks.
P. 32, L. 18 , Avāranga read Ayaranga (Ācāranga)
P. 68, L. 25 ,, धीय ,, दीय
,, ,, 26 ,, तदीय ,, तदीय

Addition.—Of words listed in pp. 71—74 the following have been traced by me to known origins:—(1) आलि (Dravidian), (2) कुड़ि (Mongolian—see Lecture XIII), (3) ठं (from जज्जा, see Lecture XIII), (4) भज्ञ (from जज्जन), (5) भुल (from बिहन, see Lecture XIII), (6) मार्गि (Dravidian, see Lecture XIII), and (7) छटि (from संघटि, see Lecture XIII).

P. 72, L. 26, the words eel to should go over to column 2 before words ‘keep fish.’
P. 83, L. 14—also at other places—for metathysis read metathesis.
P. 131, last line, for बुद्धा-कपि read बुधाकपि.
P. 169, L. 7, for hiyeratic read hieratic and other places.
P. 175, L. 26, for time read tense.
P. 176, L. 20, for heterogenous read heterogeneous.
P. 177, L. 10, for बहुव read बहुव.
P. 178, L. 9, for recent read accent.
P 179, L. 18, for maintainance read maintenance.

For p. 343 read p. 243.
The History of the Bengali Language

LECTURE I

INTRODUCTION

A. PRELIMINARY

I should state at the outset, that my inquiry regarding the origin and development of the Bengali Language will necessarily lead me to consider and discuss some facts relating to the ancient and modern inhabitants of Bengal; for, in my opinion, a discussion which is merely philological and does not take into account the people or peoples, whose language is the subject-matter of inquiry, is bound to prove abortive. The philologists, for example, may establish, by a comparative grammatical study of the modern vernaculars of Northern India, that the inhabitants of different provinces speak one form or another of some common ancient speech. So far so good. The linguistic taxonomists, again, may classify the modern vernaculars in different groups by looking into their essential structural peculiarities, and may also, with reference to the phonetic peculiarities of each speech, set down some rules to indicate what sound or peculiarity of one speech should be equated with what other sound or peculiarity of another. No one can belittle the usefulness of this work,
but we cannot afford to forget that neither Vararuchi nor Grimm nor Verner, nor all of them taken together, can be wholly relied upon to explain all the deviations from the norm. How the ear of a man will be the recipient of a sound, or how he will imitate it in speech, will depend upon his culture; what the “apabhramśa” will be in one stage of culture, will not be so in another. Consequently, the generalised rules of equation applicable to some words of one speech, may not be applicable to other words of that very speech. There are also other good reasons why we cannot acknowledge the all-sufficiency of the rules alluded to, but it will be a digression to adduce them here. What I want to bring out prominently is that, we cannot study the phonetic changes in a speech without taking the speakers of it into account. After observing the differences among the sister dialects, we raise the question, why the parent tongue underwent different sorts of changes in different provinces, we ask why the “apabhramśa” forms in use in Hindi for example, did not become current in Bengali? What were the solvent elements in different provinces that brought about the characteristic changes noticeable in different speeches of common origin? To get to the facts, which induced different sorts of changes and modifications in different provinces, we must direct our attention to provincial racial peculiarities, as well as to the physical conditions of life, which were present in those provinces. This is exactly what is not done by many philologists. And we shall presently see how they create imaginary races to explain away their difficulties without caring to study the actual racial peculiarities existing in different provinces. This is the reason why many scientists look to the philologists and their work with much disfavour. Such an eminent man of science of our time as Karl Pearson speaks slightingly of the philologists, as ‘they do not generally
pursue the scientific method in their inquiry, for they ask us to enter into the "play-room for their individual fancy," and accordingly we cannot always get into the domain of philology any classified fact or system "independent of the individual thinker" (vide "Grammar of Science," p. 10). Grierson’s fanciful theory regarding the origin of Indian dialects may be adduced as a fitting example of this sort of philological vagaries. As the theory of this oriental scholar appears in an essay contributed by him to such a work of authority as the "Imperial Gazetteer of India," a brief discussion of it seems called for.* To show up obscurantism is to pave the way to the true scientific method of inquiry.

I set forth first of all the propositions which Grierson has asked us to accept on his authority and from which he has drawn all his conclusions. They are:

(i) Modern Aryan languages were not derived from Sanskrit. "Some pastoral tribes (long before the Vedic days) found their way across the Hindukush" and spread their languages over the whole of Northern India as far as Dibrugarh in the extreme east of Assam, and Canara to the south of Bombay. All the modern vernaculars have their origin in the "patois of these pastoral tribes."

(ii) The latest comers of the Indo-Aryans settled themselves in the so-called Midland by forcing the earlier immigrants "outward in three directions—to the east, to the south and to the west." The latest comers would not necessarily be on good terms with their predecessors, who quite possibly opposed them as intruders, nor did they speak the same language." One particular Indo-Aryan

---

HISTORY OF BENGALI LANGUAGE

dialect of these late comers may be taken to represent the archaic language of the Rigveda.

(iii) Sanskrit is the polished form of the archaic Vedic tongue. This polish was given to the Vedic tongue by the labours of the grammarians, culminating in the work of Pāṇini. This Sanskrit was never a vernacular, and even in olden times it was learnt as a second language.

(iv) The other languages (i.e., the languages derived from the patois of the earliest settlers), namely, Mārhātti, Bengali, Oriā, etc., remain unaffected in their essence by the speech of the Midland.

It is very difficult to meet Sir George Grierson, for he has not chosen to cite authorities, nor has he adduced reasons in support of his propositions beyond what he has added at the end of his paper by way of his own signature. Where he has adduced reasons, he has rather stated new propositions in the name of reasons which stand equally in need of support. As to the original cradle-land of the prehistoric Aryans, nothing has yet been settled; and the oldest record of the Aryans, the Vedas, being far from replete with evidence as to their original home and migratory movements, the question relating to the appearance of Aryans in India is still a matter for careful inquiry and research. However, we do not hold Grierson responsible for the unscientific theory about the origin of the Aryans, which seeks to establish ethnic unity among races of men of different countries on the basis of some linguistic agreement. This is not the place for me to show that the facts established by the anthropologists tend to demolish the theory of there being necessarily any genetic affinity between the races of men speaking different Aryan dialects. We shall only notice here that Grierson has put the old theory into shadow by formulating a new theory of considerable proportions by the sheer force of his imagination.
He has mapped out the whole imaginary cradle-land of the Aryans and given a graphic description of the migratory movements of some unknown people of an unknown time. May we ask what facts justified Grierson in taking up the vague suggestion of Hoernle as an established fact and to put down with confidence that the patois of some pre-Vedic pastoral tribes had taken root in India before the Vedic dialect prevailed?

The evidence is declared to be linguistic, and, it is said, has been obtained by Grierson while pursuing his linguistic survey. The method of reasoning, the fact set forth in support of the proposition, and the proposition itself, may be briefly stated thus:—The Aryan languages in use in Northern, Eastern and South-Western countries not only differ from the languages of Mid-India, but also differ from one another; the Vedic Aryans must have occupied the Midland; hence it is established, in the opinion of Grierson, beyond any doubt that the languages other than those of the Midland originated from the patois of some pastoral tribes who preceded the Vedic Aryans. The method of reasoning is wholly unscientific. All the dialects are admitted to be Aryan in origin, but as they differ from one another, their origin has been presumed to be different. The very fact that they are so many dialects, shows that they must not be one and the same, and they must have marked points of difference, even though they might have been derived from one and the same language. Dialectic variations always take place because of distance from a centre and because of contact with other tribes or races. Facts have not been adduced to show that the dialects in question were not thus formed, as they are formed normally everywhere. On the other hand with reference to Grierson's remarks in the "Report of the Census of India, 1901" and in his monograph on the "Pisācha Languages," I
am constrained to say that the learned author has built a stupendous structure with very weak materials, on the foundation of a fancy of his own. Sir Herbert Risley has very rightly remarked that without at all resorting to the theory of patois-speaking hordes, the changes in the dialects of Central India can easily be explained, with reference to the people speaking them. Need I make a statement of the well-known truth, that it is "grammar" and not "sound" or "vocabulary" which gives a dialect its character? Merely because some tribes of the Punjab frontier use some words of Aryan origin, Grierson concludes that these tribes are remnants in hilly countries of the oldest Aryan people. It is on the evidence of sound and vocabulary he has thought out different origins for some dialects of Northern India. It is such reckless assumptions that have brought philology into disrepute with all anthropologists, though philology as a branch of knowledge has a useful sphere of its own. Merely from similarity of sounds Grierson has inferred that the "Pakthas" of the Rigveda are the modern Pāthāns without caring even to ascertain if those, who are now called Pāthāns, existed in the Vedic days with such a tribal name. I would not have wondered if the Āfridis, who, to serve the convenience of a theory, may be called Āpridis, were similarly put forward as the authors of the Āpri hymns. I cannot bring myself to imagine that Grierson, who is widely known to be a great oriental scholar, has made his authoritative statements regarding our archaic and classical languages without possessing sufficient knowledge of them. But, on the other hand, it appears so strange that one having even a very common acquaintanceship with the languages of old India could for a moment think that Sanskrit is the polished form of the Vedic language. The grammarians, who have been given
the credit of having polished the Vedic language, called this language by the name “Chhāndasa” and described what is now called Sanskrit by the term “Laukika-Bhāṣā” (or current language). Grierson could not but have noticed the matter in Pāṇini’s book, but he has not attempted to explain it. The great oriental scholar must also have noticed in Pāṇini’s Grammar that the Chhāndasa language was an object of reverential study, and nobody could even dare to handle it with a view to reform it. There are stringent rules that under no circumstances the Vedic form should be deviated from; it has been stated that to do so will be to commit sin. I should not discuss the point at any further length, for later on I shall have to deal with the character of the Vedic language in an independent lecture. The reasons why the Classical Sanskrit varied from the Vedic language will be discussed in its proper place. I have only suggested here that the history of a language involves the history of the people speaking it, and as such we cannot trace it by philological research alone.

B. PREPARATORY.

If we exclude the recently acquired district of Darjeeling from the political map of Bengal, the entire indigenous population of the Presidency of Bengal will be found to be wholly Bengali-speaking. The district of Sylhet to the north of the Chittagong Division and the district of Manbhum to the west of the Burdwan Division, though falling outside the Presidency of Bengal, are but Bengali-speaking tracts and nearly three million souls live in those two districts. By eliminating the exotic elements from the Bengali-speaking areas indicated above, we get a population of not less than fifty million that has Bengali for its mother-tongue. It is quite an interesting history how Bengali was evolved, and how it became the dominating
speech of various tribes and races who were once keen in maintaining their tribal integrity by living apart from one another, over the vast area of eighty thousand square miles.

Bengali is called a Sanskritic language by some philological scholars, but what these scholars definitely mean by the term Sanskrit is not always explicitly stated. If we can only tolerate such a loose use of the term as to make it indicate indiscriminately the Chhândasa speech of the early Vedic days as well as the speech which Panini described as Laukika, the nomenclature of the philological scholars may be allowed to stand. I consider it, however, safer to call the Bengali speech as an Aryan vernacular to avoid the suggestion that the language in which the poets from Kâlidâsa to Jayadeva composed their works was the progenitor of Bengali. It has to be distinctly borne in mind that the word "Aryan," as used by me, has not even remotely any ethnic significance; it will indicate the Vedic speech and those speeches which are allied to, or have affinity with, the Vedic speech.

Let me repeat explicitly what I have suggested above just now: that a language is mainly, if not wholly, determined by its grammar or structure and not by its vocabulary which may always swell by the process of word-borrowing. I should also add here that the accent system is a great factor in a language, and should be considered as an essential element of it; different forms of "apabhramśa" in different dialects of one common original speech are partly due to different accent systems. It will be necessary, therefore, to refer to the accent systems of our neighbouring tribes to solve some points of difficulty. In ignorance of the fact that some non-Aryan speeches exercised some influence upon Bengali, and misled by the description of our language as Sanskritic, many capable
scholars have devoted themselves of late to the ingenious but wasteful work of digging out Sanskrit roots and stems for such Bengali words and inflections as are entirely of other origin. This work is conducted on the flimsy basis of feeble sound suggestions. It may interest you to know that this very unscientific method was once resorted to in Europe during the 17th and 18th centuries, and many scholars attempted to reduce all languages to Hebrew and in some cases to an original Gothic on the strength of some remote or imagined sound similarity.

If our work is not to be barren of good results, we must direct our inquiry to the solution of the following questions, as preparatory to the analysis of our language, with a view to detect and unravel all the influences which were at work in building it up: (1) We have to consider carefully the geographical limits of ancient Vanga or Bengal which has given our language its distinctive name and the character of the tribe or tribes which inhabited the area previous to the settlement of the people who brought in what may be termed a form of Aryan speech. Along with these must also be considered the ancient political or ethnical character of other tracts which, together with the ancient Vanga, constitute now the province of Bengal in which Bengali is the dominant language. (2) As far as it can be traced, we must determine what form of Aryan speech was first brought into or superimposed upon the country roughly defined above. (3) The Aryan or Aryanised and the non-Aryan hordes which made inroads into Bengal, from the earliest known time to the end of the 12th century A.D., i.e., up to the time of the Muhammadan influence in Bengal, and secured settlements in different parts of the country, must also be taken into account to explain some factors which generally appear anomalous in our language.
It is too much to expect that we shall succeed in mapping out definitely how the stream of our language flowed with an unbroken continuity from a well-defined source and received in its bosom many affluents in its successive course of progress. No doubt what is true in all cases is true in respect of the evolution of our language, that nature never allowed any break to occur in her process of upbuilding, but as many earlier forms, while fading away imperceptibly into new and newer forms, were not preserved in literary records, we may only surmise their existence from a very small number of what may be termed "fossil words."

Before entering upon my subject, I set forth and discuss some propositions which are generally accepted as correct and are of such value as no one should lose sight of in such an inquiry. The first proposition, if put in the language of A. H. Keane, will stand as follows:—There is no such phenomenon as linguistic miscegenation. I fear I cannot accept the proposition as universally correct. It will be noticed later on that in our syntactical forms, that is to say, in the very structure of our language, some elements foreign to our language have accommodated themselves. This sort of mixture cannot but be recognised as miscegenation. I admit, however, that the foreign elements which no doubt change the structure are absorbed by the main organism; this assimilation by intussusception takes place according to the active principles inherent in the organism. Consequently the new structure which becomes wholly separate and independent cannot be said to be mixed as a language in the individuated form. No language of this world can coincide with another, for every language has its own separate grammar or structure; but it can be shown that in their growth many languages in India incorporated many foreign elements and had adopted
foreign methods of expression. We can only say that no two languages are identical, but as in the case of human races, so in the case of human speeches, absolute purity cannot be thought of. I must no doubt acknowledge that we are at times misled by some instances of mixed vocabularies and wrongly pronounce a language to be mixed on that account. If Mr. Keane has emphasized upon this proposition in stating that there cannot be any miscegenation of languages I am in entire agreement with the views of the distinguished anthropologist. As an example, I may cite the case of the so-called Urdu speech—by endorsing the valuable opinion of Mr. Keane—which is wrongly supposed to be different from Hindi and is asserted by some to be a mixture of Hindi, Persian and Arabic. My suggestion to do away with the name Urdu as an additional name for the standard Hindi language was no doubt accepted by Mr. L. S. S. O'Malley during the census operations of the year 1911, but the sentiment of some people for the ridiculously unscientific term had to be, I fear, respected. The whole structure of the speech is Hindi; the Hindi pronouns are conjugated with verbs in all tenses and moods according to the Hindi rules, yet forgetting the fact that no amount of word-borrowing can change one language into another, Urdu has been set up as a different language. That the words of Persian and Arabic origin are much in use in Hindi and more free use of them is possible, is lost sight of. Words of such foreign origin are prevalent in Bengali and Oriya as well. If we borrow European words more freely and adopt what is called Roman script in our writing, will the Bengali language be entitled to claim another name? The vulgar people confound language not only with vocabulary but also with script. The Nagri letters which have no better pretensions to antiquity than Bengali letters, are called
even by many educated persons "Sanskrit Aksar," merely because to serve some convenience, many Sanskrit books are published in Bengal in Nāgri character. One word more regarding word-borrowing. It must be noticed that the words borrowed from other languages have all to conform to the genius of the languages into which they are adopted. This is what takes place in the Bengali language and this is what as a matter of course takes place in Hindi even though the speakers, through whose agency the adoption is accomplished, are Muhammadans.*

That an adherence to an unscientific situation has a mischievous effect on education must be duly appreciated.

(ii) The second proposition I should put forward is, that it is only when a new structure is gradually built with new elements on a fresh basis, a new language is evolved; but that this new language, by merely coming in contact with other languages cannot change its own structure, for such change means nothing but death or extinction of that language. The imperceptible slow change with which a new language is developed is by itself a matter for study. Never can a living people change radically or discontinuously, nor can its natural and organised mode of thinking, which expresses itself in the form or structure of its speech, be radically changed.

(iii) My next proposition is that what is called a patois or a rude or vulgar speech, is never a separate language. Isolation and want of culture bring about deformities, and these deformities characterise a language as a rude dialect. The language of the Māl Pāhādis is as much Bengali as the language of the peasants of Northern

* The sort of composition which at times our Sanskrit Pandits and Arabic scholars indulge in by introducing artificially Sanskritic or Arabic forms to make a flourish of pedantry, can hardly be classed under any dialect of the world.
Yorkshire is English. Such an unscientific term as "Sub-dialect" cannot be tolerated.

I come now to another matter of great interest and significance in this inquiry. The shibboleth test is usually applied to distinguish one race from another, but without duly judging its value. I cannot therefore conclude this lecture without uttering a word of caution in that direction.

That different phonetic systems do exist as racial peculiarities must be fully recognised and appreciated both by the anthropologists and philologists, though we may avoid treading the debatable ground as to whether the phonetic peculiarities imply necessarily in all cases differences in the anatomical structure of the vocal organs. For all practical purposes we can safely leave aside the extreme case of the Papuans illustrated by Miklukho-Maclay, for I shall presently show that the races I have to deal with in this book are not absolutely incapable of imitating those utterances with which we are here concerned. We may spare the vocal organs an inspection when differences may be clearly explained by climatic influences or by the long-standing habit acquired by unconscious imitation of the sounds of some neighbours.

The shibboleth test may be of practical value when two races remain apart from each other. It must, however, be borne in mind that the pronunciation of words in a particular manner does not necessarily indicate peculiarity in the structure of the vocal organs; it may at times be wholly due to the education of the ear. If an infant born in England of pure English parents be nurtured wholly in an Indian home he will not display the peculiarities of English pronunciation, and will never mispronounce Indian names. I can speak from what I have carefully observed myself that the English baby born in India and
brought up by Indians utter with perfect ease, when grown up, those words which the English people say it is impossible for them to pronounce. Bengalis who have settled in Orissa, but have not mixed their blood with the Oriās, pronounce Bengali words in Oriā fashion with Oriā pronunciation and Oriā intonation. Not to speak of the higher caste people of Bengal, there is overwhelming evidence that the very people whose environment has changed the pronunciation of even the Brahmans in East Bengal, do change their pronunciation when they settle in the district of Hoogly.

The racial peculiarities in the matter of uttering vocal sounds are no doubt very marked but my personal examination of various Indian tribes in the matter of their capacity to utter certain sounds has strengthened my view that there is no difference between man and man as far as the inhabitants of this country are concerned as to the construction of the organ or organs of speech. I have found the ears of some practically isolated tribes so trained that they fail to catch certain sounds uttered to them and accordingly they imitate them very badly; but when they are for some time with us, they do not betray any organic defect in uttering new sounds. The Ḍrās and the Orāons are well known for their very settled phonetic peculiarities, but when employed in our houses as domestic servants they learn to speak Bengali very faultlessly, though when speaking their own tongue they do not deviate from their own path in the matter of pronouncing their own words.

The hilly accent of Manbhum, the nasal twang of Bankura and Burdwan, the drawl of Central Bengal, which becomes very much marked in the slow and lazy utterance of words by women, and the rapid wavy swing with which the words are uttered in quick succession in
East Bengal may to a great extent be explained by climatic conditions as well as by the social life of ease or difficulty; but the influence of the tribes of different localities among whom the speakers of the Bengali language had to place themselves, must not be either minimised or ignored. It should be remembered that a man of the so-called Aryan descent may lose the power of uttering such sounds as are generated, for example, by "sh" or "bh" because of the dominant environing influence of the people of other races. That the disability is not organic and cannot invariably be considered to be a racial characteristic has been partly demonstrated.

It is desirable that I should here clearly define what I mean by a racial character of speech.

All phonetic or linguistic peculiarities that mark off one race or stock from another are not necessarily racial characters in the scientific sense of the term. By a primary racial character I mean only such of the linguistic peculiarities, or marks of a people as have an organic or physical basis in the cerebral or vocal mechanism and as are also transmitted from parent to offspring under the operation of the principles of Heredity and Variation.

The capacity for speech, for example, is such a primary character for the human race. But I am free to admit that over and above such hereditary organic characters, there are secondary characters of speech, racial peculiarities, which, though not embedded in the physical conformation, are accompanied by what Wundt has called inheritable predisposition and which, therefore, appear in individuals from generation to generation under the normal conditions of existence though, no doubt, in the absence of suitable stimulus or under very marked changes of environment they do not persist but give place to acquired or induced variations. I am inclined to think that the forms and
relations of thought which lie at the basis of the syntax of different families of languages, though not the grammatical structures or paradigms themselves, constitute secondary racial characters of the nature of predisposition. There is reason to believe also that accent systems, though originally acquired under persistent climatic, dietic and social conditions, have now come in many cases to be more or less stable, more or less transmittable characters and may have given rise to predispositions of the sort. But besides these primary and secondary characters there is a third sort of racial peculiarities of speech which, no doubt, distinguish one people from another but which are acquired under the influence of the tradition or of the environment, physical and social, and have to be so acquired by the individuals from generation and generation, and which disappear whenever the tradition or environment is changed. This traditional element in a speech constitutes that part of it which is a social tradition and has no ethnic significance in the biological sense of the term. Among these traditional elements of speech, which may be loosely termed tertiary racial characters, I would place the phonetic system (the vowel and consonant system) as well as the grammatical paradigm (including the tense-formatives) of a language or family of languages. But as we have seen, all the racial characters, secondary no less than tertiary, the predispositions no less than the merely traditional elements, are liable to be changed under change of environmental conditions, and replaced by newly acquired or induced characters.

The fact, therefore, stands that different sections of the Bengali people have the capacity of speaking the Bengali speech alike. But I must utter a caveat here lest a wrong anthropological use be made of this philological fact as has been done in so many cases. On the basis of this fact we
cannot necessarily postulate a unity or homogeneity of race. We cannot necessarily formulate the theory that either there has been a thorough-going miscegenation of blood among all the sections, or that these sections do not represent different races of bygone days. I purposely strike this note of caution, though I am perfectly aware that there has been considerable miscegenation of blood among many races of India, for I consider it unsafe to draw any conclusion from facts furnished by linguistic investigation alone.

We are not much concerned in this inquiry with those linguistic phenomena which fall legitimately within the province of the physiologists, though it is pretty certain that the time is not distant when to explain even the ordinary phonetic changes in a speech, the help of the physiologists will be requisitioned in preference to that of the linguists as philologists. We shall have to study carefully the settled and abiding peculiarities of some races of men in the matter of their accent systems and syntactical forms to measure the influence of those races in the upbuilding of our language, but as to how a particular race became settled in its habits to a particular mode of thinking or in a particular way of intonating certain sounds, will not concern us in pushing on our research. Practically speaking, accent being a thing of very hard growth, it survives through many changes; as such a comparative study of the accent system of different races may help us in determining the origin of many peculiarities disclosed by the people of different provinces of Bengal.
The antiquity of the names Vanga and Bānglā

It is a fact that the Veda Samhitās and the early Vedic literature do not mention the name Vanga either in connection with the names of Indian tribes or in any enumeration of the countries owned by the Aryans as well as by the non-Aryans. The Rigveda Samhitā does not know even Anga, but this Anga country is mentioned in the Atharva Veda. In the Atharva Veda Pariśiṣṭa, however, the word Vanga occurs with Magadha as a component of a compound word; but as the scholars do not attach any value to it owing partly to the lateness of the Pariśiṣṭa itself, I advisedly leave this mention out of consideration. It will be quite unscientific, however, to come to such a positive conclusion on the basis of this silence, that the Vedic fathers had no knowledge of the country or tribe which bore the name Vanga. I cannot too highly speak of the critical acumen of the learned scholars who have attempted to reconstruct the history of the Vedic times with the materials furnished by the Veda Samhitās, but we have no patience with those who have gone the length of making this bold statement with much confidence that the state of things not disclosed by the Vedic mantras was non-existent in the olden days. The uncritical scholars do not see that, even if it be conceded that all the mantras or prayers to gods, as had been composed at different times by the Rṣis, were
wholly collected and we get them now fully preserved in the Samhitās, it cannot be asserted that a complete picture of the Vedic times can be presented with the help of the mantra material alone. Let me take up a hypothetical case just to illustrate the force of my remarks. Just fancy that a cataclysm sweeps away all that we possess and are proud of to-day, and some historical critics arise, after the deluge, to write a history of our time with the help of such a prayer-book as the Brahma Sangīt of the Brāhmaṇas, or a collection of Rāmprasād’s songs, unearthed in the debris of some buildings, will the material be sufficient for the purpose? Will not such an inference on the basis of the hymns and prayers of the Brāhmaṇas, that the Bengalis of our imaginary pre-deluged era were all monotheists of the Brāhma type, be a gross misstatement of fact? Is there anything in the hymns of the Brāhmaṇas to indicate that there is such an institution as the Calcutta University or that this country is being ruled by the British people? Rāmprasād’s songs may supply the information that we had such a thing as oil-pressing machine, and that machine was worked by bullocks being blindfolded; but will not this be a very poor picture of the civilization of Rāmprasād’s days? We meet with an entertaining passage in a drama of our celebrated dramatist and humourist, the late D. L. Roy, which purports to be a taunting challenge to the effect—should we think that the Gopīs of Brindāban did not know the use of jīrā marīch, since there is no mention of this condiment in the Srimadbhāgāvatam? We cannot afford to forget that however much the Vedas relate to the general conditions of life of the ancient times, they are but ideal prayers and hymns, which, again, only a section of the Indian Aryans offered to the gods. There is ample evidence in the very Veda Samhitās, that all the Aryans of India did
not pursue the religion which is reflected in the Vedic mantras.

No doubt we do not meet with the name Vanga in the Veda Samhitās and the Atharvan mentions only Anga as the outermost border country lying to the south-east of the territories of the Aryas; but when we come upon this fact, that the later Vedic literature such as the Aitareya Brāhmaṇa mentions Vanga as a country held by a barbarian tribe, while the early Buddhistic literature (not likely of a date earlier than the Brāhmaṇa) is as silent as the Vedas are, it becomes difficult to attribute such a silence to ignorance. From these facts we can only make this plausible inference that Vanga and its adjacent parts were not colonized by the Aryans till the 6th century B. C. Let me discuss this important point of chronology by considering the value of the facts disclosed by the aforesaid literature.

It is evident from the manner in which the border tribes have been mentioned in the 22nd Sūkta of the 5th Book of the Atharva Veda that the Māgadhas and the Angas were alien barbarous people who resided outside the pale of Aryan country but it is also clear that the countries of these barbarians were in close proximity to the land of the Ṛṣis. In this Sūkta this wish has been expressed in offering a prayer to Agni that the fever called "takman" may leave the holy land of the Aryas and may reside in such border countries as Anga and Magadha which are really the home (okaḥ) of the fever. This fever which is considered to be of malarial type has been asked in the prayer to assail the barbarians and specially their wanton fugitive women (described as Sudrās) on account of their having left the Aryan protection in Aryan homes. It is rather clear from this mention that the Ṛṣis of the Atharva Veda utilised the services of the people of Magadha and
Anga and were particularly keen about keeping the Sudra women in Aryan villages. Looking to what has been stated of Anga we may only provisionally hold that Vanga, which lay still farther off to the south-east, was only inhabited in those days by people other than the Aryans. We get in the Satapatha Brāhmaṇa of a much later date that the holy sacrificial fire travelled as far east as Videgha (Videha) in Mithilā. It is, therefore, pretty certain that the Aryans did not even then come in any real contact with the Vangas of Bengal. We notice in the Atharva Veda that the Kirāta people of the Himalayan region were the neighbours of the Aryans and the Kirāta women supplied such roots and herbs as were used for charms and for medicine; such a peaceful relation with the south-eastern border tribes is not indicated in any Sūkta. In the Aitareya Āraṇyaka the Vanga tribe finds only a bare mention in conjunction with the Magadha people. Some early references relating to the people of Magadha, of Anga and of other neighbouring barbarian tracts in such a fashion, that they were beasts or snakes, have been misinterpreted by some scholars. We cannot forget the fact that almost all the tribes were known by the totem names of their clans or tribes; it is therefore strongly suspected that when the Aryans knew the totem names of different tribes, they had some intimate knowledge of them. When the tribes are not made identical with the names of birds and snakes, quite another interpretation has to be given. In the history of the conquest of the rude aboriginal tribes, we get one and the same mythical account all over the world: the rude tribes in their mountain fastnesses and forest tracts are represented as giants or dwarfs with mysterious powers, or they are imagined to possess power of transforming themselves into beasts or birds. The Rṣis were no doubt of superior
mental and spiritual powers, but they represent the Rakṣas and the Yakṣas as magicians and Māyāvīs, as invested with abiding authority over the elements. The reason is not far to seek. The aboriginal people who knew every part of their land in the hills and the forests, could appear suddenly and could escape unnoticed to places which were difficult of access to the conquering trespassers; moreover the rude tribes, who were unable to cope with the civilized intruders, took to some subterfuges which made their hostility to be dreaded in proportion to its secrecy. When the blow was struck in darkness, the awe-struck Aryans who had supreme contempt for the valour of their foes, were led to attribute it to supernatural or non-human, rather than to human agency. In any view of the case, knowledge on the part of the Aryans of the people of their country may be presumed. It has been just mentioned, that in the early Buddhistic literature, where detailed lists appear of many countries and peoples, the name Vanga is conspicuous by its absence ("Buddhist India" by Rhys Davids, pp. 23-29). The importance of this omission lies in this, that Buddha, who flourished towards the end of the 6th century B.C., had his activities mostly in Magadha which is not far off from Bengal. The story of Vijaya Simha, on the other hand, points to a pre-Buddhistic colonization of Bengal by the Aryans. How far we can rely upon the Sinhalese account, based upon a tradition merely, or rather upon a legendary account, that Vijaya Simha was a king of Bengal and that he led his victorious campaign into Ceylon the very year the Buddha attained his Nirvāṇa has not yet been critically discussed. It can, however, be asserted on the evidence of linguistic palæontology, that the early conquerors of their land went from the eastern Gangetic valley, and carried with them the speech which prevailed in Magadha at least during the 4th century B.C.
Not only the Sinhalese, but even the Vaeddas and their very wild congeners, use a large number of Māgadhi words in their speech, which are of the time I have spoken of. The use of the words “gini” for fire, “gonā” for cows, “goyā” and “goyi” (the Prākṛta forms of godhā and godhikā), “vāso” to indicate residence (as in kaeto-vaso, forest residence), “ini” from the root इ to go (as in gamanini), etc., which occur in the old Māgadhi Prākṛta, by even such Sinhalese as lead a rude life in distant forest tracts, raises a presumption in favour of very early Māgadhi influence in Ceylon. It has to be noted that the Sinhalese are non-Aryan people, and the Tamil-speaking Hindus, who have most influence with them, are not at all familiar with the Māgadhi words noticed above. As the early chroniclers of Ceylon could always prevail upon the Gotama Buddha to visit the island off and on, it is unsafe to rely upon the dates given by them in their pious zeal for the cause of religion.

The account that Vijaya and his successors proceeded to Ceylon from Vanga, cannot also be easily dismissed, for there are indelible marks of the influence of the eastern Gangetic valley on the speech of the Sinhalese. It is a fact that many words and grammatical forms, as had their origin in the soil of Bengal at a comparatively recent time, are current in the speech of even some isolated forest tribes of Ceylon, along with the Māgadhi words of earlier date as just now noted above. This argues in favour of the proposition that the later immigrants must have proceeded directly from Bengal. Whoever the early conquerors of Ceylon may be, it will be quite reasonable to suppose that even when the old Māgadhi of the 3rd or 4th century B.C. changed its own character considerably in farther east, lots of people of the lower Gangetic valley continued to pour into Ceylon, to exercise linguistic and
other influences upon the aboriginal races of that island. 
As to the currency of the modern Bengali forms in Ceylon, 
I may just by way of illustration refer to the following 
words, namely—Mācha (fish), gācha (tree) (occurs also as 
gāha in one tribal speech), pettī (small) (the Bengali word 
peti or pāti is used now to signify contempt). A good 
deal will have to be said in a subsequent lecture, regarding 
the accent system of our speech, by comparing the pre-
vailing system with the systems of some Dravidian races, 
and the old and the modern grammatical forms will have to 
be similarly considered. As such we cannot do anything 
behind pointing out here, that in Ceylon, the word “bhūmi” 
is pronounced as “bumi” or “bimī,” the word “bhāt” 
is pronounced as “bāt” and the form “karaṇa” (to do), of 
which the modern Bengali form is “kara,” is in use. I may 
only note in passing, that in some eastern districts of Bengal, 
“ba” is nearly the sound of “bha” and “karaṇa” is 
the form of “kara”; the sentence Ār ki deon jāy for 
Ār ki deoā jāy occurs in a humorous song composed by 
our poet Rajani Kanta Sen whose early death we all 
mourn. As to Sinhalese accent system, the remarks of 
Mr. R. L. Turner may be profitably quoted. He writes: 
“With regard to Sinhalese, it is hard to come to a 
decision, because, firstly, all long vowels have been shortened, 
and, secondly, an extensive umlaut has taken place.” The 
importance of the phenomenon, noticed by Mr. Turner, 
will be appreciated by you when you will be treated to our 
Bengali accent and phonetic system. The facts relating 
to Ceylon, as have been discussed here rather perfunctorily, 
do not fail to show, that men of Aryan speech and civiliza-
tion commenced to colonize Bengal from a time not 
later than the 4th century B.C.

Probabilities, however, seem to be on the side of the 
supposition, that an appreciable number of Aryans chose
to make Vanga their home, even when the Aryans of the holy Midland country had neither occasion nor liking to take any notice of the eastern tracts of the barbarians. Even when the notice of the tracts was forced upon them later on, they looked down upon those of them who resided among the barbarians. Some statements in the old Dharmasāstras warrant us in making this inference.

There are some good reasons to suppose, that the Dharmasāstras fathered upon Baudhāyana and Vaśiṣṭha, though older than many other Dharmasāstras, cannot be placed beyond the 6th century B.C. Baudhāyana has given the limits of Āryāvarta in the following words: Āryāvarta lies to the east of the region, where the river Saraswati disappears to the west of the Kālaka-vana (the forest region which extended over a large area to the south and south-east of Magadha), to the north of the Pāripātra mountains, to the south of the Himalayas (I Pr., I Ch., K. 2). That Bengal is here excluded from the land of the Aryans, is sufficiently clear. After stating the accepted orthodox view regarding the geography of the Āryāvarta, Baudhāyana as well as Vaśiṣṭha very grudgingly extends the limits of the Āryāvarta, on the authority of "some" who have been mentioned as "others." By virtue of the extended definition, Bengal and some other countries fall within Āryāvarta; for, according to this definition of the holy land, Āryāvarta lies to the south of the Himalayas and to the north of the Vindhya range—being limited east and west by the two oceans (Vaśiṣṭha I, 8 and 9). The conclusion seems inevitable, that the stray settlements of the Āryas, at places beyond the limits of the holy land, commenced long before the time of Baudhāyana, and the settlers were being recognized with some reluctance during the time of Baudhāyana and Vaśiṣṭha. This proposition will receive full confirmation
from the following facts. Baudhāyana, whom all the authors of the old-time Dharmasāstras follow, has laid down some model rules of life for the twice-born Āryas in the second Kāṇḍikā, of the 1st Praśna of his work; I give here the purport of the whole Kāṇḍikā because of its special importance. It has been stated on the one hand, in verses XIII and XIV, that the people or peoples of Anga, Magadha, Avanti, and other lands lying close to the land of the Āryas, are of the mixed origin, while the lands of the Puṇḍras, the Vangas and the Kalingas are so unholy that one should go through a penance on one's return from those countries; on the other hand, it has been stated, in noting certain deviations from the model rules of the holy Madhya Deśa or Pānehāla country, that those who reside in southern countries, marry the daughters of maternal or paternal uncles, and those, who belong to some northern countries, follow the trade of arms and go to sea. As these deviations have been excused on the ground of their being special provincial customs, we cannot fail to see, that the Āryas who were of the twice-born rank, became the settled inhabitants of the unholy lands, long before the time of Baudhāyana. We notice that Puṇḍra and Vanga were separate countries in those days, and that there were Aryan settlements in Puṇḍra and Vanga, though they might not have been as extensive as in Magadha and Anga. We should further notice, that sea voyage was allowed in olden days in some northern countries of the Aryans, which fell outside the limits of the Madhya Deśa. This fact is in support of the proposition, that the Aryans of the eastern Gangetic valley proceeded to Ceylon as early as in the 4th century B.C. We thus see that however scanty be our materials, we cannot definitely assert that the Aryans did not commence to colonize Vanga, during or earlier than the 6th century B.C.
Let us now discuss some other facts for further light on the subject; let us now see what accounts we may get of the ancient Vanga people, on examining some records of non-Aryan activities of a time when the Aryans disdained to take any notice of the tribes, who were not within the pale of Áryavarta. Recent researches in Farther India by such scholars as Mr. Phayre and Col. Gerini have disclosed these facts, that the Telegu-speaking and Tamil-speaking Dravidians of India reached Farther India both by land and sea, and established colonies and political supremacy in many parts of Farther India; and that the Hindus poured in, only subsequently, to dominate that land by displacing the Dravidian supremacy. The earliest date we get of the Hindus, who went to Burma, is 923 B.C. I accept this date on the authority of some scholars, but I cannot vouch for its correctness. The Kṣatriya adventurers, who are said to have proceeded from Hastināpur and to have established an extensive territory in Upper Burma with Bhamo for its capital in 923 B.C., are reported to have displaced the Dravidians who had organised their new Kalinga Rāṭṭa previous to the Aryan inroads into the country. This should lead us to suppose, that the Dravidian invasion in Farther India took place at least a century before 923 B. C. It is also reported of the Telegu adventurers, that they established their supremacy over Arakan and the tract of country now covered by the Chittagong Division in about 850 B. C. The accounts of Kyauk-pan-dang by Mr. Phayre in his history of Burma may be profitably referred to in this connection.

What concerns us principally here is that the people of Bengal formed a powerful colony in Annam in Farther India not later than the 7th century B. C., when they were being despised and not taken any notice of by the Aryans
ANCIENT BENGAL

in India. The traditional and legendary accounts relating to Annam, as are reported to appear in some Chinese records, affirm that the leader of the Bengali adventurers, who became the king, of Annam, bore the name Luck-lom, and that he married one Annamese girl named Auki. It has been gathered from these records, that the province of India to which Luck-lom and his people belonged, was called Bong-long, and that Luck-lom and his followers were of Nāga Vaṁśa or rather had Nāga for their tribal totem. It becomes pretty clear, that the name of the land, which was then unknown in Āryāvarta, was Bong-long (the original form of Bāṅglā) and the people of Bong-long were known by the name Bong. That the term Vanga indicated the name of a tribe may be amply proved on the authority of the old Hindu literature. You may refer to Col. Gerini's accounts regarding the Bong-long kings in his work entitled "Researches in Ptolemy's Geography." Archaeological research in Cambodia and Annam by Ayomounier, De la Ponte and other European antiquarians should be carefully studied in the interest of the History of India. We will presently see that those who bore the names Anga, Vanga and Kalinga, were regarded by the Aryans to have been of non-Aryan origin. I should also mention here, that the kings of Bong tribe reigned till the second decade of the 3rd century B.C., when some Buddhist Kṣatriyas of the Magadha country became supreme in Annam. It is known that eighteen kings of Bong-long origin reigned for over 350 years in Annam. We find that the compound letter or suffix "long" was added to "Bong" to signify the country belonging to the Bong people. I am inclined to think that this "long" is the Annamese form of the non-Aryan suffix "lā," and that not only the name Bong or Vanga as the name of a tribe, but the word "Bāṅglā" is as old as the
word Vanga. I shall not be accused of giving reins to wild imagination, if I consider this non-Aryan suffix "la" to be still persisting in our language, and that we detect this suffix in such words as "phoglā," "totlā," etc. I should, however, note that the "la" or its derivative "lā" which indicates past tense (as in karīla or karīlā), has nothing to do with the "lā" spoken of here. Be that as it may, we get it as a certain fact, and that is a great gain with us, that the word Bong-long or Bānglā was the name of some indefinite portion of our present Bengal, at least as early as the 7th century B. C., and the name Vanga (which originally signified a people) is of great antiquity.

We learn this good lesson from the accounts of the Vanga people, that we should not invariably make the Aryan activities in a province the sole starting point for the historic period in that province, and should not consign all pure and unmixed non-Aryan activities to the limbo of all forgotten formations, by writing the convenient term "Pre-historic time" over the events of the non-Aryan people. We see that the Vangas, previous to their being influenced by the Aryan civilisation, created a history in this world. Far from therefore being ashamed, we are rather proud of this ethnical record, that those who have to be presumed to form the bulk of our population to-day, are the Vangas, who founded once a ruling house in Annam in Farther India.

Another fact of great historical significance relating to the early migratory movements of the people of Bengal has to be narrated from the records of the Dravidians of Peninsular India. Very ancient Tamil books inform us that many Nāga-worshipping tribes proceeded from Bengal as well as from other parts of Northern India to establish their supremacy in the Tamilakam country. Of these tribes, the Marans, the Cheras and the Pangala
ANCIENT BENGAL

Thiraiyar interest us most. The Cheras, it is stated, proceeded to Southern India from the north-west of Pangala or Bengal and established the "Chera" kingdom of much historical note. It is significant that the Cheras are mentioned in the old Brahman literature as occupying the eastern tract of the Magadha country. As to the Marans, who are said to have been the neighbours of the Cheras in Northern India, it is equally important to note, that the mighty Pandya kings claim to be of Maran descent. The Marans, who were also called Maravars, are reported to have been a very fierce and warlike people, and that they worshipped the goddess Kali on the top-knot of whose hair stood an infuriated cobra snake. The Pangala Thiraiyars are recorded as the latest immigrants, and it is narrated of them, that they proceeded from the sea-coast of Bengal by boat and founded the Chola kingdom at Kānchi. As the phrase Pangala or Bangala Thiraiyar is equivalent to தீர்வங்க (Tira-Vanga), we can assert unhesitatingly, that these people had received Aryan influence in Bengal before they left for the Madras coast. These traditional or legendary accounts may not be strictly correct in all their details, but the general story must be accepted as historical truth, since the ancient Tamil writers knew nothing of Bengal and its neighbouring tracts, when they recorded these traditional accounts. We shall see later on, that these accounts are quite in harmony with what will be narrated in a subsequent lecture.

Let me mention another fact of importance in this connection. It is narrated in the old Tamil books, that when the Nāga-worshipping tribes were colonising Southern India, the Makkalas were the principal and the most influential people in the South. As this Dravidian term Makkala or Makkada could be easily transformed into Markata, I
suppose the poet of the Rāmāyana was pleased to make monkeys of them. To do justice to the Makkalas, it must be mentioned, that they have a very high social status in the Tamil-speaking country and many aristocratic zamindar families belong to the clan of the Makkalas. It is reported, that these Makkalas once occupied those high-lands of Central India, which are included in the Dāṇḍakāraṇya of the Rāmāyana. Be that as it may, these Makkalas once freely intermarried with the Nāga tribes and brought about racial homogeneity in many parts of Southern India. We associate nothing but rudeness and barbarity with the term non-Aryan; but adverting now to the momentous activities of the high class non-Aryan people of olden days, we should do well to change or modify our notions considerably.

We have noticed that the Thiraiyars, or the sea-coast people of Pangala or Bāṅglā, took a sea-route to proceed to Southern India; we also notice that the Bong people established a ruling dynasty in Annam when the Telegu people were influential in Burma. It will therefore be very reasonable to conclude, that the Vangas of ancient time were a sea-faring people, and reached the coast of Tonquin Bay by a sea-route.
The Geography of Old Bāṅglā and of other related tracts

In order to fix with some definiteness the land which was the principal home of the non-Aryan Vangas, let us follow the geography of the ancient time, as we find in the Mahābhārata and in the Purāṇas. I am strongly inclined to think, that the eastern portion of the indefinite tract which was once called Kālaka-vana, and which once formed the eastern boundary of Āryāvarta, came to be designated as Jhāḍakhaṇḍa in comparatively later times. It is pretty clear that the name Jhāḍakhaṇḍa came to be associated with the tract which lay to the south of Gaya, to the east of Shahabad, to the south of Bhagalpur and to the west of Bankura and Midnapur. The temple of Baidyanāth at Deoghar in Bengal (now in Bihar), is still considered to be situated in the Jhāḍakhaṇḍa tract, for the priests of Baidyanāth recite a mantra by indicating this geography, in worshipping the image of Baidyanāth. A portion of Jhāḍakhaṇḍa got the name Rāḍha or Lādha as we notice in the Jaina records. The Avāranga Sutta of the Jainas, though it narrates things of Buddhistic and pre-Buddhistic era, was composed at a time which may be regarded recent. According to the accounts of this book, the temple of Baidyanāth is in Rāḍha or Lādha country. The people who inhabited Rāḍha are described to be black-skinned and rude in manners, and are reported to have been fond of robbing the pious Jaina intruders.
In the Brahmanda section of the Bhavisya Purana, the whole tract lying to the north of the Darukesvara river and extending along the Panchkot hills, has been called the Rajha country and the temple of Baidyanath has been mentioned as existing in that tract.

That the main portion of the Bhagalpur Division was designated as Anga country, is well established now, and there is no need of demonstrating it here. It has also been well ascertained that the Suhma country which had Damaalipi or Tamralipta for its capital, must be identified with a very considerable portion of the district of Midnapur. We get in the Mahabharata, that the five sons of Bali were the progenitors of the allied races of the Angas, the Pundras, the Vangas, the Suhmas, and the Kalingas (Adi, C. IV, 4217-21). All these tribes have been so described in the Mahabharata, as to indicate that they lived in close proximity to one another. The Pundras have been mentioned as Suhmottaras in the Matsya Purana, and in the Mahabharata too, the Pundras and the Suhmas have been placed near to each other (Adi, C. XIII, 24, 58). No doubt the Pundras proceeded northward subsequently, and founded Pundravardhan in North Bengal, but their early distribution points to the fact, that they occupied the tract of Bengal which lies to the north of Midnapur.

The account we get of Bali Raja from the Dravidian source should interest us all. The Hindu account is that Srikrishna by resorting to a godly trick sent Bali, to Patala or Nether world. It is interesting that Bali, who was a Daitya, is worshipped in Southern India as an ideal Raja of the good old days, and there is a town by the sea-coast of the name Mahabalipuram over which Bali presides. Bali is called Mabali or Mahabali, and there is a religious festival of high importance to celebrate his memory in the Malayalam tract of the Madras Presidency; this
festival is called Onam. It is narrated, that no one ruled the earth with so much justice as Bali did, and all sorts of sins and iniquities were unknown in his time. The song that is sung at the Onam festival, relates these accounts; two lines of it are given here, which purport to say that in Bali’s time theft and other crimes were unknown:

Māveli nadathu bajjum kalam
Kalla khedilla kalabhu milla

You can clearly see that it is the Southern country which is our Pātāla, and the Pauranic account relates to the invasion of the country by the Aryans. That Bali was considered to be the forbear of the Vanga people as well as of other allied races, shows that the non-Aryan origin of all these races was fully known to the Aryans. That Bali’s queen gave birth to Anga and his brothers, was narrated to Hiuen Tsiang when he was at Monghyr. The feminine form of Bali as Bali-amma, is the name of the principal goddess of the Sinhalese and the Vaeddas of Ceylon; her consort Kande has assumed now the name Skanda because of Tamil-Hindu influence.

Let us now halt to consider a point of ethnic interest. The writer of the passages occurring in the Mahābhārata and the Purāṇas as relate to the history of the non-Aryan tribes, did not certainly make a scientific ethnological study of the tribes in question, but the facts narrated above justify us in holding that they carefully observed and noted some important points of agreement and difference between those tribes. The Angas, the Vangas, the Punḍras, the Suhmas and the Kalingas were noted in the first place as tribes perfectly distinguishable from one another, and in the second place as peoples closely allied to one another. It was noticed that they were all Nāga-worshippers and that they were all the sons
of Bali. Regarding Nāga worship, I may remark in passing, that the story of Behulā commemorates how the new-comers in the lands of the Angas and the Vangas had to accept and venerate the religious cult of the original inhabitants. We can see from the account we now obtain of Bali, that the name of the common ancestor of the tribes under review was not the creation of a fancy of the Aryans. It has been stated in the previous section, that those who proceeded to Southern India from Bengal, and its neighbourhood, had Nāga for their totem, and we have now seen that Bali is still worshipped in the Southern Presidency. The cumulative effect of the whole evidence is in favour of this supposition, that the original inhabitants of Bengal were by race and habits allied to those who are now designated as Dravidians.

The Vangas who were always connected with the Puṇḍras and the Suhmas, must have occupied the tract of country which lay to the east of our modern Burdwan Division. The fact that the Pāṇḍavas conquered Vanga after subverting the Puṇḍras, and led their victorious soldiers to Suhma after devastating Vanga, supports this position fully (M. Bh., Sabhā, XXX, 23-25). We find also in the Raghuvamśa, that Raghu conquered the Vangas after finishing his task with the Suhmas, and planted his victorious banner in the midstream of the Ganges. The popular notion that Vanga, as described by Kālidāsa, should be identified with the modern Eastern Bengal, is erroneous. To clear up the point, I have first to note that in all old records we get the Vangas in close proximity to the Puṇḍras and the Suhmas; we may then refer to the historical fact, that when Suhma lost its old name and became a sub-province with the name Dauḍabhukti, it became a Bhukti or sub-province of Banga. The Tirumalai inscriptions decide this point clearly and
It has been recorded in the inscriptions (E. I., Vol. 9) that the celebrated Chola Raja first came upon Dakaśīṇa Rājaḥ on crossing the northern frontier of Orissa; he then raided Vanga, and at a place in the north of Vanga (not in Barinda, nor in any other province) defeated the then Pāla Raja in a battle, and just after finishing that work came upon Uttara Rāḍha which was the adjoining country. It was from Uttara Rāḍha, i.e., from the tract covered by the districts of Hooghly, Burdwan and Birbhum, that the adventurer proceeded to the coast of the greater Ganges on the other side of which lay Barinda.

What was the extent of this Vanga in olden days, has next to be ascertained. With reference to the geography of the Mahābhārata and the Purāṇas, we may say that the main portion of Northern Bengal and some portion of the district of Mymensingh were included in the Prāgjyotisā country or Assam, over a portion of which the Kirātas predominated. The Tripura country or the Chittagong Division was no doubt once under the sway of the Telegus of Kalinga, but as the Vangas also extended their influence over Annam in Farther India, their extension in the Tripura country in the dim past cannot be very much doubted. It is highly interesting that not knowing them to be the relics of bygone days, the present ruling chiefs of Tippera use the ensigns of those old rulers who are now almost forgotten in history. The ensign bearing the representation of a fish and the pāṇ or betel-leaf-shaped ensign are used among other ensigns on ceremonial occasions. Let me mention, that fish has always been a subject of veneration and an emblem on the royal banner of a powerful section of the Dravidians, and a broad leaf is the emblem of the Kirātas, who now reside in the wild tracts of Cachar. As to the eastern limit of Vanga, we have obtained a rough and indefinite idea only. We have to approach this point
again, after considering some other facts which are important for the history of our language.

In the Vṛhatsamhitā of Barāha Mihira (6th century A.D.), Vanga is mentioned by the name Samataṭa but no definite geography is indicated; all that we know is, that Samataṭa lay between Utkala and Mithilā. This statement tends to show, that even as early as the 6th century A.D., one general name Samataṭa could be used for all the provinces of Bengal, as lay between Orissa and North Bihar. In this connection it is interesting to learn, that in the enumeration of some tribes of minor importance, dwelling in the Rāḍha country on the Bengal frontier, the Purāḍas have designated the tribes as Pravangas. The extension of the name Vanga to the Rāḍha country, is clear in this statement. Let us then refer to the accounts of Hiuen Tsiang who is not much removed in time from Varāha Mihira. The celebrated Chinese traveller went from Champā in Bhagalpur to a place called Kie-chu-hokhi-lo which was 400 lict from Champā to the east. The traveller or pilgrim kept the hilly or jungly tracts of Rajmahal to the right, and proceeded to this place, following the stream of the Ganges. No identification of this place has yet been made, but this country or province appears to have been composed of the northern portion of the Burdwan Division, the whole of the district of Berhampore and a considerable portion of the district of Nadia, since, going from this country eastward and crossing the Ganges after trudging the distance of about 600 lict, Pundrabadhan was reached. At this time Kie-chu-hokhi-lo contained six or seven Buddhistic monasteries and there were 300 Buddhist priests there.¹ It has been

¹ Kuchiakol is a familiar village name in this tract; it is not unlikely that such a name the capital town of this province or political unit bore in the 7th century A.D.
ANCIENT BENGAL

stated that the people were fond of learning and were simple and honest. It is reported that the people spoke a dialect of the Midland language. By "Midland" the Magadha country is meant. Existence of ten Hindu temples was also noticed by the traveller. It appears from his description, that the country had then only recently lost its independence and was being governed by the king of a neighbouring country, before Śilāditya Harṣavardhan annexed it to his kingdom. It will be presently seen, that the Rādha country was at this time being ruled by Raja Šašānka or rather by his descendants who were sworn enemies of Harṣavardhan. I think therefore, that the neighbouring Raja who then dominated Kie-chu-ho-khi-lo was, of the family of Šašānka alias Narendra Gupta. The description that somewhere on the northern portion of this country, not far from the Ganges, was a high tower made of bricks and stones, and that this structure was ornamented with rare sculptures, and on the four faces of the tower there were sculptured figures of the saints, Devas and Buddhas in separate compartments, is of great archaeological interest. Looking to the fact that wild elephants roamed about on its southern frontier, it may be supposed that between Samatata (which stretched along the coast of Bay of Bengal) and Kie-chu-ho-khi-lo, lay a tract covered with wild vegetation, which could invite the wild elephants of Rajmahal hills. Who knows that Banagrāṃ (now the headquarters of a sub-division) does not carry in its name the memory of the old physical aspect of the locality?

The description given of Puṇḍravardhan of rather vast area, shows that a very considerable portion of Northern Bengal was then under the influence of the culture of Magadha country, and that this country extended to the frontier of Assam. It is to be noted, that the culture of
Magadha which prevailed over all parts of Bengal, was absent in Assam, where Buddhism could not make any impression. This phenomenon partly explains why the Assamese speech was not then exactly identical with that of Northern Bengal. The people of Assam of those days are reported by the traveller to have been "of small stature and of dark-yellow complexion"; this description leads me to think, that the Mongolian element predominated then in Assam, and because of this ethnic character, the language of mid-India became slightly different in Assam. Hiuen Tsiang then goes to Samataṭa of Bengal, after travelling a very long distance from Kamrup. As particulars of that route are not on record, the geography remains incomplete as to the extent of Vanga to the east. But it seems to be implied in a statement, that the hilly tracts of Tippera and Chittagong which were not visited by the traveller, were included in the Samataṭa country, for the traveller speaks of those tracts, when describing the Samataṭa country, as a wild country difficult of access. Another fact is quite clear, that just to the west of Samataṭa was the Suhma country. This tallies exactly with what we inferred regarding the geography of old Bengal from ancient Indian records. It must be specially noted, that the influence of Buddhist priests and Magadha culture were as extensive in Samataṭa as they were in Suhma, Kie-chhu-ho-khi-lo, Puṇḍravardhan and Karnasuvārṇa. The Puṇḍras, the Suhmas, and the Vangas, who were kindred tribes, were dominated by one and the same cultural influence, during the seventh and very likely during the sixth century A.D.

Śaśānka or Narendra Gupta who annexed some portions of Orissa and Ganjam to his empire, had his principal seat at Karnasuvārṇa in the seventh century A.D. This Karnasuvārṇa was no doubt located somewhere to the
ANCIENT BENGAL

south of the wild tract which stretched forth from the Rajmahal hills, since going 700 li north-west from Tamralipta, Karṇasuvāraṇa was reached. Having narrowed down the limits of different provinces with the help of Hiuen Tsiang's topographical survey, it may be safely asserted that Karṇasuvāraṇa was the capital of the Rañja country, in the seventh century A.D. The records of moral and intellectual advancement of the people of Karṇasuvāraṇa, as left behind by Hiuen Tsiang, justify us in making this inference, that all over the country which forms now the presidency of Bengal, the influence of the Magadha civilization of the seventh century A.D. did effectively and extensively prevail.

I have related several facts which have some bearing upon the province which is now known by the name Orissa; it will be necessary also to relate what relation subsisted between Bengal and Orissa, to explain some points of linguistic unity between the languages of those provinces. I have just now mentioned that Śaśānka alias Narendra Gupta annexed some portions of Orissa, but it must be stated that his influence can only be traced in Kongada (i.e., over the Puri district) and in some parts of Ganjam, where Oria language now prevails. It must be made clear, that the Kalinga country of historical note and the territories of Śaśānka had no connection with the land, which was possessed in ancient time by the tribes which got the names Oḍra and Utkala. With reference to the people of that part of Orissa, which was within the range of Śaśānka's influence, we get this account from Hiuen Tsiang, that with respect to their written characters, they were the same as those of Mid-India, but their language and mode of pronunciation were quite different.

It is a significant fact, that we do not get a well-defined country bearing the name Utkala in the Mahābhārata.
 though the situation of Kalinga to the south of Suhma and Vanga, is rather well defined in many parts of that work. In the Viṣma Parva for instance (IX, 348), the Utkalas have been mentioned as rude people, and nothing has been stated regarding their owning any country in an organised form. Vanga seems to have been in olden times connected with Anga on one side, and with Kalinga on the other; for the Angas, the Vangas, and the Kalingas are found constantly linked together in the Mahābhārata, as people closely allied by race and position. [Vide for instance Drona Parva (Chap. LXX).] In the Purāṇas also the Utkalas have been distinctly mentioned as a rude tribe of very early origin, having no affinity with the races around them. (Vide Mārkaṇḍeya Purāṇa, Canto LVII, Hari-vamśa, X, 631-32.) From the description given by Kālidāsa in the 4th Canto of the Raghuvamśa, it becomes clear that just on crossing the river Kapisā, the country of the Utkalas was reached. Here too, there is mention of the Utkalas, i.e., of a tribe but not of any country possessed by that tribe. The river Kapisā is the modern Kasāi or Kānsāi, which flows through the southern parts of both Chutia Nagpur and Midnapur. The Utkalas in Kālidāsa’s days, had no political organization, for Raja Raghu had not to conquer the country of the Utkalas, and the people only showed the soldiers of Raghu their way leading to Kalinga. Again, in the Purāṇas the Utkalas have been mentioned in the east, near about the Bay of Bengal, and in the west, in connection with the wild tribes of Mekhala of the districts of Raipur and Bilaspur in the Central Provinces. It is also to be noted, that in the Purāṇas, the river Vaitarani is described to be flowing right through the Kalinga country. All these facts taken together lead us to suppose, that the hilly and wild tract of the Utkalas, extended from Nilgiri and Mayurbhanj to
the borders of Bilaspur and Raipur, and that the Utkala country lay to the south of the river Kānsāi, and did not extend much to the south beyond the northern portion of the district of Balasore. The sea-board districts of Orissa were then within the Kalinga country, and the whole of the Kalinga country as far as the Godāvari to the south, had the designation of Muḍu (three) Kalinga. This Muḍu Kalinga became Trikalinga in the language of the Aryans, and the people who had their sway over the country, got the name Trikalingas or Telingas or the Telegu people. Thus we see, that a very long and narrow strip of land, extending mainly through hills and forests, was recognised in olden days, as the land of the Utkalas. But about 200 years after the time of KaLiDaśa, the political situation was much changed. A considerable portion of the district of Midnapur to the south, was no doubt still then a part of Utkala or Oṭra, but the bulk of the population continued to be the rude Utkalas, whom Hiuen Tsiang describes as uncivilised, tall of stature and of a yellowish black complexion. Some portions of the districts of Balasore and Cuttaork, seem to have been included at this time in the Oṭra country, and the Rajas having their seat somewhere in the district of Midnapur (J. R. A. S., N. S., Vol. VI, p. 249) presumably governed the newly formed Utkala country, during the seventh century A.D. That the capital town of Utkala, during the earliest days of Hindu influence, was in Midnapur, is fully supported by the statement of Hiuen Tsiang, that the capital of "U-cha" (Utkala) was over 200 miles to the north of "Kongada" country. It has now been established by the discovery of old inscriptions that, the district of Puri bore the name Kongada in the seventh century A.D., and Šaśānka aliaś Narendra Gupta of Karuṣuvarṇa was about then its mighty lord. The country of Kalinga became limited at the time to the territories where Telegu is now spoken
LECTURE IV

SECTION 3.

Gauḍa, Rāḍha and Vanga

It is regrettable, that it is too often assumed by some Bengali scholars devoted to historical research, that in the tenth century and earlier, the name Gauḍa signifies Bengal. That the name Gauḍa is of comparatively recent origin, and that we do not meet with the name during the time of the Imperial Guptas, must be admitted by all. In the Calcutta edition of the Matsya Purāṇa (Ch. XII, 30), it has been stated that Śrāvasti, was founded in the Gauḍa desa by Rājā Śrāvasta, son of Yuvanāśva of the Ikṣāku family.* The date of this passage is unknown, but it can be said that for the well-known town Śrāvasti to have been founded by the Rājā in the Gauḍa desa, Gauḍa must have been lying to the north of Kośala and to the north-west of Mithilā. That this was the geography of Gauḍa in the eighth century A.D., is perfectly clear from poet Vākpati's description in his Gauḍa-vaho Kābya. The hero of the poem first proceeded against the king of Magadha who was also the Lord of Gauḍa, and after having slain him, led his army against the king of Bengal, whose territory lay far to the east near the sea coast (verses 413, 417, 418 and 419). On noticing the fact, that Yaśovarman did not proceed to any other part of Bengal, and some time

* On reference to the text of the Purāṇa, it will be unmistakably seen that the old Kośala country of the Ikṣākus, has been described and place names in Oudh and its neighbourhood, have been strictly discussed; there will then be no room for supposition, that this reference to Śrāvasti is to any other Śrāvasti of any other province lying outside the Oudh territory.
after his return home at the termination of his warlike expedition, went straight to Oudh to erect a pillar at Ayodhya, to signify his already accomplished conquest of Magadha *cum* Gauḍa, we cannot but be inclined to hold, that Gauḍa at this time lay to the north of Magadha.

The meaning or import of the word Gauḍa is not very clear. Those who keep cattle and sell milk are called Gauḍa in Orissa; here this term must either be the Apabhraṃśa form of Gopāla or a slightly changed form of the Vedic word Gaura which meant wild ox as well as buffalo. If the origin of the name has anything to do with the term Gopāla, we may identify Gopāla Kakṣa of Mahābhārata with the Gauḍa country of our inquiry, since Gopāla Kakṣa is placed near about Kosala, and not far away from the Kauśiki Kaccha or the valley watered by the Kuṣi (M. Bh., Sabhā, XXX, 3). The evidence of the Purāṇas is in support of this identification. We get the name of a tribe called Gomanta (those who keep cattle) just after the name of the Magadha people, in the enumeration of the eastern tribes in the 44th verse of the 57th chapter of the Mārkaṇḍeya Purāṇa. In the Vāyu Purāṇa (XLV, 123), after enumerating the tribes of Assam and North Bengal, the Videhas and other tribes of north Bihar have been mentioned; in this enumeration the Govindas come after the Magadhas, while we get Gomanta for Govinda in the Mārkaṇḍeya. The geography of Gauḍa as indicated above and the presence of a tribe near about that Gauḍa with the name Gomanta or Govinda, persuade me to believe, that the word Gauḍa is derived from the name of a tribe who grazed cattle and kept dairy.

When Alberuni visited India, Thāneśwar was included in the Gauḍa country. Mr. Jackson has rightly observed with reference to this extension of Gauḍa country, that
"this explains why the Sārasvat Brahmanas of the holy Sarasvati are the Gaudas pare .cellence, and why Gauḍa and Vaṅga are mentioned separately in the Baroda grant of 812 A.D. We find in the second volume of the Cochin tribes and castes by Mr. A. K. Iyer, that the Brāhmaṇas in that country who claim to be Gauḍa Brāhmaṇas, and have now no manner of knowledge of the geography of northern India, assert on the strength of their family tradition, that a place called Trihotrapur was their original home. This Trihotrapur must be identified with Tirhut or Terhot, which also once fell within the limits of Gauḍa. Mr. Iyer says, that these Brāhmaṇas still use some words in their speech, which belong to the Prākṛta of Magadha and Mithilā. I myself noticed, that the women of this sect of the Brāhmaṇas, wear a single Sāree like the women of Mithilā and Bengal, and do not dress themselves like the other Brāhmaṇa women of the southern country.

The political condition of Bengal from the latter half of the eighth century to the twelfth century A.D. during the supremacy of the Rājās, who on account of their having compounded their names with the word Pāla, are known as Pāla kings, has been clearly set out by Babu Rakhaldas Banerjee, in two easily available works. I shall therefore refer briefly, to those facts alone of that period, as have direct bearing upon my subject. The early Pāla rulers were principally lords of Gauḍa and Magadha, and ruled Bengal from their headquarters in Bihar. As a dependency or as an annexed province of Magadha cum Gauḍa, Northern Bengal which lies between Mithilā and Assam, could at this time be called Gauḍa or a part of Gauḍa, but it must not be forgotten, that in the Geography of the Purāṇas, Northern Bengal has always been mentioned as a tract lying outside the limits of Gauḍa and Mithilā. Let me cite an analogous case to
ANCIENT BENGAL

explain the situation. When Orissa constituted a part of the Presidency of Bengal, the term Bengal could be found, in some works of history and geography, to signify Orissa along with Bengal proper; if because of such political inclusion of Orissa in Bengal, no portion of Orissa could be confounded with Bengal proper, no one will be justified to identify any portion of the Barinda country, with the Gauḍa Deśa of the 10th century, or of earlier times.

When the Westerners such as the Gurjaras and the Rāṣṭrakūṭas became supreme all over Bihar, the successors of Nārāyana Pāla, ruled over a limited area which is supposed to be the Rāṇāha country, having lost Gauḍa and Magadha. When these successors of Nārāyana Pāla, lost their real dignity, Northern Bengal came into the possession of a Mongolian tribe, known in History as the Kāmbojas. Very likely these Kāmbojas came from Farther India, but no discussion on the point is here necessary. When Mahāpāla regained the possession of Northern Bengal, he styled himself as Gauḍeśvara in memory of the past glory of the family. True it is, that Mahāpāla and his successors regained subsequently a footing in Mithilā and Magadha, but the good old time did not return. Constant invasion of Bihār by the Westerners and the permanent domination of the province by some of them, wrought such changes as had far-reaching effect both in Bihār and Bengal.

We have seen that in Rāṇāha, Puṇḍrabardhan, and Vaṅga, that is to say all throughout the country of Bengal, Māgadhi culture including the Māgadhi speech was prevailing since long; and now we see that at the transfer of the capital of the Pāla Rajas from Magadha to Bengal, the chance for a very free development of Māgadhi civilization in Bengal became very great. If we
compare to-day, the eastern Bihāri speeches with Bengali on one side, and with what is called Western Bhojpuri on the other, we find that the Eastern Bihāri speeches, in their colloquial and vulgar form, agree in many essential points, with Bengali, and differ much from Western Bhojpuri. This fact has been noted by Hœrnle and Grierson. The fact is, that Bihār of to-day is altogether a changed country on account of the mighty influence of the Westerners, while Bengal continues to be the real heir and representative of old Bihar.

Incessant migrations and displacements of various tribes, make it uncertain as to which people formed the substantial lower stratum in Rāḍha, when the civilisation fostered in Karṇasuvanā, was humanizing the frontier lands of Vaṅga. The Puṇḍras are found mentioned in the Purāṇas, once in conjunction with the Suhmas and another time in North Bengal, on Assam frontier in the company of two other tribes, namely the Pravijayas and the Bhārgavas. It seems that the Puṇḍras thrived better in North Bengal, while in Rāḍha they could not secure any prominent position. Of the other tribes mentioned in the Mārkandeyā Purāṇa, either under the general name the Pravangas (i.e., the tribes of Vaṅga frontier), or as stray tribes such as Māla, Māhiṣika, and Mānabattika, we get to-day the representatives of the Māl people in Bānkura and Mānbhūm, and the Mānas or the Mānabattikas may only be surmised to have been the originators of the geographical name Mānbhūm.

The epigraphic records of a line of rulers of some parts of Orissa and Dakṣina Kośala, during the tenth and eleventh centuries, disclose some facts which are of real interest in the history of Bengal. I have given elsewhere these rulers, the designation Kośalendras, as their political activities lay principally in the Sambalpur tract.
These Kosala Guptas, though they originally came of the family of Śiva Gupta cf Rājim and Ratanpur (Chattisgarh Division, C. P.), their immediate ancestors, or rather the branch of the Kosala family to which they belonged, got something to do in ruling some parts of Bengal. It is found recited in the plates of Yayāti, who is the second ruler of this line (vide my paper in J.B. & O., March, 1916) that his father Janamejaya, and after him he himself, became Kosalendra as well as the lords of Trikalinga or the sea-board tracts of Orissa and Gañjam, and that the family to which they belonged, was a ruling family somewhere in Vañga, as clearly distinguished from Rāḍha and Varinda. These Kosala Guptas had a large number of Bengali Kayasthas in their service (vide my paper Ep. I. XI), and in the course of their inroads into the Sambalpur tract, helped lots of Bengali people to settle permanently in Sambalpur, Sonepur and Bolāngir-Pāṭnā. The Tewars (or Tivaras or Dhivaras) who migrated from Bengal in large number, call themselves Boṅgālis, though in language as well as in other matters, they have become Oria, and do not even know where Bengal is. The Orias call it a Baṅgāli Paḍā, where the Tewars live. It is amusing to note that the Tewars who live now over 400 miles away from the farthest limit of Bengal, and do not know even a syllable of our language, returned Bengali as their language at the census of 1911, to the census officer of Bolāngir Pāṭnā. As we meet with the Kalitās in Northern Bengal, and also get a very large number of Kultās in the Sambalpur tract, and as the widely apart Kultās and Kalitās agree in many social customs, I throw out this suggestion, that a clan of the Puṇḍras bore the caste name in question, and those of them who did not proceed to North Bengal, got into the Sambalpur tract, in the time of the Kosalendras, as Śūdra cultivators.
That a large number of Aryanised people was necessary for the new Rājās in a backward country, full of aboriginal tribes, cannot be much doubted.

I shall show what indelible marks our language put upon the Oria speech, as prevails in the Sambalpur tract, when in a subsequent lecture, I shall take notice of the old forms of our language. The epigraphic records of Bengal proper, of the Kośala Guptas and of the Chola kings, have amply proved that even during the time of the later Pālas, the different parts of Bengal bore different country-names of Varendra, Uttara Rādhā, Daksina Rādhā and Vaṅga, though the general name Vaṅga prevailed as the country-name over all the tracts. It is only to be noted that, Suhma which lost its name long ago, became then a province of Vaṅga, and the tract covered by the Kantāi subdivision, got th. aame Daṇḍabhukti and became a Bhukti or subdivision of Vaṅga.

Some facts which reveal the plasticity of the society of Bengal, during the time of the Pālas and Senas, may be noted, to examine the old formative elements of our population. I have just spoken of the Bengali Kāyasthas, as were in the service of the Kośala Guptas; these Kāyasthas with their surnames Ghosa, Dutta, and Nāga, have described themselves as Rāṇakas, that is to say, as descendants of the Anabhisikta families of the Rājās of Kośala, who must be regarded as Kṣatriyas. The Kośala Guptas were Kṣatriyas, even though their remote ancestor comes of a clan of the Śabaras, since from Tibaradeva downwards, the Rājās of this line formed their marriage alliance with the recognised Kṣatriya families of Northern India; the Rājās of Kośala and their descendants, assumed the title Gupta from the time of their connection with the Magadha Guptas. I may mention here that the rule or custom still continues in the Rāj families of Orissa,
that the descendants of the Anabhiṣikta members of the Rāj family, become Babus,* and these Babus are employed as ministerial officers.

More interesting seems to me the history of the Vaidyas of Bengal, who like the Kāyasthas are in no way inferior to the Brahmaṇs, in intellectual powers and moral virtues. The term Vaidya, we all know, is singularly peculiar to Bengal, to indicate a caste; this term for medical profession may be assumed, by any man of any caste from Brahmaṇ downwards, in other parts of India. It is an interesting history, how a high class of people got Vaidya as a caste-name in Bengal. As the Vaidyas acknowledge universally, because of their family tradition, that their origin has to be traced from the Sena Rājās of Bengal, we should see what history we may get of the origin of these Senas.

That the Senas described themselves as Karnāṭa Kṣatriyas, i.e. the Kṣatriyas of the Dravidian country, is well known. Referring to these Senas and the rulers of their kin, who once became supreme in the Northern Mithilā, Mr. R. D. Banerjee writes in the Memoirs of the Asiatic Society of Bengal, Vol. V, No. 3:—

The invasion of the Cola King did not change the political divisions of the country, but it left one permanent mark in the shape of a body of settlers, who occupied the thrones of Bengal and Mithilā, as the Sena and Karnāṭa dynasties, during the latter days of the Pālas (p. 73). To unveil the mystery of the warlike people who came with Rājendra Cola and settled in Western Bengal,

* The term Babu is a diminutive of Bābā and is a term of endearment generally; the Bengali word Bāpn to signify this meaning is of similar origin being derived from Bāpā; Bāpā is another variant of Bāpu.
we have to peep into the history of some castes of Southern India.

Regular Brahmanic supremacy and the settlement of new Brahmanś in Southern India, commenced no doubt from the 10th century A.D., when Jaina supremacy came almost wholly to an end, but Brahmanic ideas had commenced to prevail over Jainism nearly a century earlier, to pave the way for the new condition of things, which dates from the 10th century A.D. Very likely those who had priestly functions in the Jaina temples, assumed Brahmanic rank during the earliest period of Brahmanic influence, for we get such genuine Dravidian sects as the Kammalas and the Visva-Brahmanś, who though not recognised by the modern Brahmanś as men of Brahmanic order, do return themselves as Brahmanś, and perform priestly functions, in the houses of many people of lower order. The Vellālas, who were superior to the sects named above, and who were known for their military prowess, became Brahmanś some time earlier than the 10th century A.D. As to the derivation of the term 'Vellāla,' there are two views; according to one it comes from 'Vellam' (flood) and 'alam' (ruler). According to the other derivation the word comes from 'vel' the god of war. Both these derivations suit the Vellālas who were once dominant people in the country. It is a historical fact, that these Vellālas of warlike disposition, studied the Vedas and performed fire-rights, when Brahmanic influence commenced to grow in the land; on account of their knowledge or rather the study of the Vedas, they got the designation Vaidya in southern country. This term Vaidya does not signify or relate to medical profession. That besides being engaged in Vedic studies, the Vellālas or the Vaidyas, became military leaders and high civil officers of the Rājās, is what we know from the old records. Many
Vaidyas are known to have become the priests of the Dravidian Kings, and their occupying the situation of high class officers of the Coḷa as well as the Pāṇḍya Rājās, is also on record. It is also very significant to note, that the Vaidyas or the Vellālas who were not employed in the Rāj service as mentioned above, followed very generally the medical profession, though this profession did not give them the name Vaidya. In Southern India, the physicians were called Ambaraṉavaṉ and not Vaidyas. The barbers once took largely to the medical profession, and now the barbers in general are called by the honorific name Ambaraṉan, though the term does not really indicate the barber caste.

I strongly suggest that the Vaidyas of Bengal, owe their origin to the Vellāla Vaidyas, on reference to the above facts, which may be summarized as below:

(a) The Vellālas were Vaidyas because of their Vedic studies, were recruited as high officers of the Rājās and were physicians very commonly.

(b) The Vellāla Vaidyas are known to have been in the service of the Coḷa Rājās.

(c) Those who came in Bengal at the time of the Coḷa invasion, described them as the people of Karuṭṭa.

(d) Those who claim to be the descendants of the Senas, are physicians by profession, wear Brāhmaṇical thread, call themselves Vaidya, and assert the right and privilege to read the Vedas.

(e) The term Vaidya as the name of a caste is unknown elsewhere in Northern India and is peculiar to Bengal alone.

Though the surname Sena can be easily explained without referring to any caste-name in the southern
country, I may mention this fact that a section of the Vellāla Vaidyas in the Tamilakam country is known by the name Shānan. If my suggestion is not a bad one and may at least be considered arguable, I point out the fact that an early Rājā of the Sena dynasty had the name Ballāla, which is meaningless in a sanskritic language but is honorific in the South Indian speech, according to the derivation already given. I may consider another fact along with it. The name of the ancestor of the Senas, who first settled in Bengal is not known, but the claim of the Senas that they belong to the Candra Vamśa, has some reference perhaps to the name of their ancestor; that the first military leader, from whom the Senas trace their pedigree, bore the name Candra, appears pretty certain from what the poet Gobardhan Ācārya has written in his Āryā Saptaśati; the word राक (full moon) as occurs in the 39th verse is what I allude to here. The line of the verse stands as:—

सकल कलां करवितुम् प्रतुः अबन्धस्य गुमुदवंशोऽच।
सेनकुलातिलक भुपति रेको राका अपदार्याः॥

To complete my survey of the races and tribes of different parts of the presidency of Bengal, who after adopting the speech which flowed in from Magadha and Mithilā, developed some provincial peculiarities in the language, I should mention, that the Indo-Chinese people of Farther India, raided Bengal from time to time. The sway which the people of the Mekhong Valley established once in Eastern Bengal is perhaps still commemorated in some geographical names. I suspect that the river Meghnā in eastern Bengal is the changed form of the name Mekhong. As to the Indo-Chinese origin of the name Dacca I do not entertain any doubt: the word धाक्का means "old Ganges" in the language of the
people of the Mekhong Valley, and we get the river Budi-
Gangā, flowing past the town called Dacea.*

Lots of geographical names in the Bengal Presidency as well as in other parts of India, remain unexplained, and such names as Hooghly, Bentra, Tāki, Jāguliā, etc., appear meaningless to us, though it is perfectly certain that our meaningless geographical names had some meaning, in some forgotten speeches of past time. That the anthropologists and the philologists have collected a deal of information, regarding the old races and their languages, by rightly interpreting the seemingly meaningless geographical names, is perhaps too well-known. In Bengal it is a huge task fraught with numerous difficulties. In the first place, many old tribal dialects have now died out altogether; secondly, many names have been partly transformed into other names, because of the altered pronunciation of them, by people who speak now quite a different speech; and thirdly, in our mania to Sanskritise the old names, we have intentionally effaced the history which was impressed upon the old geographical names. As this subject requires a separate and independent treatment, I need not dilate on it any further.

* The Lāos have been the principal people of the Mekhong Valley; this induces me to suppose that the name Lāo Sen as a name of an old time Emperor of Bengal, is only a generalised form to indicate that the Lāu people once came into Bengal. The curious form of the name is altogether non-Indian, for Lāu (a gourd) is not likely to be the name of an anointed Hindu Emperor.
LECTURE V

The Influence of the Dravidian Speeches on Bengali

The Vedic or the Chândasa speech was very much changed when the Brâhmaṇas were composed; the language of the Brâhmaṇas again differs widely in many essential particulars from what is called the classical Sanskrit, as well as from the speech which has unfortunately come to be designated by the name Pâli. That the later Prâkr̥tas and the provincial vernaculars, differ similarly from one another, as well as from the earlier speeches, is a well-known fact. Even the scholars who are mere linguists, and have only made a comparative study of all the speeches of N. India, without any reference to the characteristics of the speakers thereof, have not failed to notice, that the changes and deviations from the norm cannot be wholly explained by those laws, which the philologists have formulated, to account for all sorts of linguistic changes and modifications. The orthodox philologists have however been forced to admit, either directly or by implication, that the influence of some people other than the original speakers of the Aryan tongues, must have been at work in bringing about the aforesaid changes, though no particular non-Aryan people has been pointed out, from whom this influence emanated. Looking to the fact that cerebral sounds prevail very much in the Dravidian speeches, it has been vaguely asserted that some Dravidian people, as speakers of the Aryan speeches, induced dentals to be changed into cerebrals. Mr. Stenkonow's remarks on this point, as appear in the IVth volume of the Linguistic Survey of India, are very correct in my opinion. Since such a change of a dental into a cerebral is not wholly
unknown in some Indo-European languages, Mr. Stenkonow considers quite possible, that the Indo-Aryan cerebrals developed quite independently, without there being any special inducing cause. Referring then to the phenomenon in the later Prākṛta speeches, that there is almost a wholesale change of dentals into cerebrals, the learned scholar offers a very reasonable suggestion which I quote in his own words:—

"The cerebral letters, however, form an essential feature of Dravidian phonology, and it therefore seems possible, that Dravidian influence has been at work, and at least given strength to a tendency which can, it is true, have taken its origin among the Aryans themselves."

It has not, however, been noticed by the philologists, that even though cerebral letters prevail very much in Dravidian speeches, these letters are never initials of genuine Dravidian words. No doubt, we observe this very peculiarity in the Vedic as well as in the earliest classical Sanskrit, but we notice that in later Sanskrit as well as in the Prākṛta speeches, there are many words, which though not onomatopoetic in origin, have cerebrals for initials. ঠঃ (the top of the hill), ঠঃঃ or ঠঃঃ (a word of respect), ডঃ (a musical instrument), and ঠঃ (to signify entering into) are some examples. As India has been the home of diverse races of men, since remotest antiquity, it is difficult or rather unsafe to particularize definitely the influence of any special non-Aryan race, as the sole cause of any unusual linguistic change.

I must, however, notice in this connection, an important peculiarity of Bengali phonology, which has not to my knowledge, been noticed hitherto by any philologist. I have made it sufficiently clear in a previous lecture, that the people closely allied to the Dravidians, or rather who have to be presumed to be pure Dravidians, form the bulk
of our Bengali-speaking population; yet it is to be noted as a fact, that the cerebral letters are not so much cerebral as they are dental in our speech. If we carefully notice our pronunciation of the letters of the 'अ' class, we will see that we articulate 'अ' and 'अ,' for example, almost like English T and D without turning up the tip of the tongue much away from the region of the teeth. We can detect this peculiarity very clearly, if we compare our sounds with those of the Mahrattas. As we articulate त and त more as dentals than cerebrals, we have been required to introduce two new consonants त and त to produce special cerebral sounds; that for the latter sounds the letters त and त quite do in other Indian speeches, is well known. This natural organic aversion to articulate cerebral letters with distinctness explains why the cerebral अ is uttered wholly as dental न, and why in some eastern districts त and त are wholly pronounced as न and र; in Eastern Bengal the letters are not articulated by the learners of the Alphabet, but their physical appearance is described as त—ए शु and त—ए शु letters.

I am perhaps creating new difficulties without seeking to explain things by a Dravidian influence. To be able to face all difficulties properly, is better than offering a plausible solution.

The phenomenon I have spoken of, may be partly explained by postulating a Kirânti influence; but since when and to what extent this influence has been in existence, need be inquired into. The earliest reference to the Kirâtas occurs in the Atharva Veda which discloses a good deal of knowledge of the eastern lands, from where the original form of our speech flowed into our country. We find in the Atharva Veda (X, 4. 14) that the Kirâta women were employed to dig out medicines for use as charms in the Himalayan region. That the Kirâtas were
mountaineers, is clear from some statements in the Vāja-
saneyi (XXX, 16, etc.) and in other later Saṃhitas. These
hilly people have been mentioned however in Manu
(X, 44) as Vṛtya Kṣatriyas. We get in the Brāhmaṇa
literature, in connection with the story of Asamāti, that the
Kirāta priests, who knew charms came into prominence in
the Aryan society. I cannot say if the dark yellow colour
of skin ascribed to the Kṣatriyas in the Kāṭhaka (काठक)
Saṃhitā, has anything to do with Kirāta (किरात) inter-
mixture. The Kirāta cult of magical charms and mystic
mantras being universal in Northern India, a special
influence of the Kirātas in Bengal cannot be formulated.

It is true that in Eastern as well as in Northern Bengal,
direct Mongolian influence can be formulated from some
known facts of history. It is also true that the inability
to articulate ष and ष occurs in some eastern districts only,
but not in Northern Bengal. The consonants of ॐ class,
however, are made very much palatal in Eastern Bengal,
unlike what the Mongolians do, while these consonants are
made semi-dentals or rather pronounced by almost closing
the teeth, in Central Bengal. This question, however, will
be discussed in a subsequent lecture.

It is really very curious, that some peculiarities which
are doubtless due to Dravidian influence, have been sought
to be explained by some eminent philologists by a cause
other than the real one. Such an eminent scholar as Sir
Ramkrishna Gopal Bhandarkar considers such changes in
the oldest known Prākṛta, as धन्त्रे for धन्त्रे, सक्षम for सन्धम,
सिलोक for श्रोक, etc., to be due to the natural vocal tenden-
cies of the Aryan speakers themselves. Explanation for
these changes was not sought anywhere outside the mouth
of the speakers, as the influence of the Dravidians who
now reside far away from the limits of Northern India,
could not be thought of forty years ago, when the Wilson
Philological lectures were delivered. The fact that the Dravidians could once be the neighbours of the Aryans in the Northern country, did not suggest to the scholars. I have mentioned before, that according to the Dravidian traditions, all the dominant tribes of S. India migrated from Northern provinces to Peninsular India. It is a distinct and a definite characteristic of essential nature, in the Tamil language, that an initial of a word can never be formed of double consonants, and compound letters formed of consonants of different Varga can occur nowhere in a word. If we refer the changes under consideration to the essential peculiarities of the Tamil speech, our problem will be solved. Compounding of र with ं as in धम and ल with प as in सफ can not be tolerated according to this rule, and to maintain the long sounds of the compound letters in question, the very letters have to be doubled. This is how at first in Prākṛta, the consonants joined unto र were doubled by dropping the र or (रेफ), and then in giving Sanskrit form to the changed words additional (रेफ) was added, and the new rule was formulated that a consonant may be optionally doubled if it is joined unto a र in the shape of a (रेफ). If we compare the early Prākṛta forms or the so-called early Pāli forms with the later Prākṛta forms, we can see that as time went on, the Dravidian influence went on increasing; the early forms such as ब्राञ्छ, रेव, etc., as have been considered to have been exceptions by Sir R. G. Bhandarkar, were reduced to बराञ्छ or बराञ्छन and to सिनेद or नेह, etc., at a later time.

When, by about 1865, Bishop Caldwell suggested that the Tamil கு as a dative-denoting suffix was identical with Oriya क, Bengali ক, and Hindi क, denoting exactly the dative case, a host of critics rose up to throw away the right suggestion of the Bishop. Sir R. G. Bhandarkar clearly saw the mistake of Trumpp and Beams, but could
not accept the suggestion of Caldwell, as he thought that a Dravidian language could not possibly influence the Aryan speeches in that manner. Trumpp suggested that के of Bengali came from कृति and Beams rightly rejected the derivation, as कृति could not signify the sense conveyed by के. Beams himself, however was wrong, when he sought to derive the suffix denoting the dative from old Hindi कइ। Sir R. G. Bhandarkar showed that as in no Prākṛta, either कृति or कइ (derived from कक according to Mr. Beams) signified any dative sense, the proposed derivation could not be accepted. Sir R. G. Bhandarkar is right that for many case-denoting suffixes we have to look to pronouns and pronominal roots, but his imaginary case that केहि as well as तेहि might have been in use to signify instrumentality, and केहि might have been subsequently used to denote a dative case cannot be accepted, or rather may be easily rejected, by using the very argument with which the learned scholar himself has rejected the theory of Mr. Beams. Sir R. G. Bhandarkar’s suggestion that कइ in a phrase as राम कइ might mean at first “Rama’s somewhere,” and thence the sense “to give to Rama,” might have originated, is very faulty as the old time forms do not warrant such transformation. The derivation would not have been sought in such a roundabout manner, if the cause of such changes as धन्य, संकप्त and सिलोके could then be rightly detected.

How the Dravidian people could influence the speakers of the Aryan speeches in dim past, should be a subject of special research. Many ethnological problems, relating to the Dravidians, have not yet been solved. The ethnologists of our time agree in the main, that the Dravidians have been autochthonous in India: even though this proposition is not free from doubts and difficulties, the situation of the Dravidians in India as neighbours of the Aryans, since
the earliest time of Aryan activities, cannot be denied. Again, adverting to a list of the races of man, made out either by the ethnologists or by the linguists, we can see that the representatives of all races in greater or smaller number came to live in India, and did not find the country an uncongenial home. How the jetsam and flotsam of the floating races of the world were absorbed in the main body of the Indian population, is impossible now to ascertain. I cannot discuss all these questions here; but one fact relating to the range of influence of the Dravidians during the days of early migrations of peoples will be noticed here to draw the attention of scholars to some hither-to-neglected facts of great importance.

The ethnologists agree to some extent in holding that the old inhabitants of Etruria in Italy proceeded to the latter country from some parts of Asia-Minor. It is also very reasonably supposed that the language of the Etrurians did not belong to the family of speech which is generally known by the name Indo-European. Mr. Stenkonow has shown in his essay on "Etruscans and Dravidian" (J. B. A. S., 1912) that there are many interesting points in which the language of the Etruscan follows the same principles as that of the Dravidas. It is interesting to note, that the plural-forming suffixes 'gal' and 'ar' of the Dravidians are in existence in Italy, the Etrurian verbs like those of Malayalam do not change for number, and words in genitive case are freely used in Etrurian as adjectives. We shall see that all these Dravidian and Etruscan characteristics, are distinctly noticeable in Bengali language. If the Dravidians have been autochthonous in India, their migration to western countries indicates a state of their early social condition, which has not been hitherto considered. The influence of this people upon the proud Soma-pressers and their
successors cannot make us wonder. I am concerned, as my subject indicates, with the Dravidian influence on the Bengali language; as such I give a few examples only to show that our early speeches were not also free from the Dravidian influence. Patanjali's Mahābhāṣya proves that much was done to maintain the purity of the classical Sanskrit: yet borrowing of words from Dravidian sources could not be altogether stopped. (1) In genuine colloquial Tamil (which is called Kudam) the word மலி signifies flower; this word to indicate a garland, does not occur in the Vedic speech and we first meet with மலி or மல in the Upanishads, which were written in the land of the Kosalas and Videhas. (2) உரோி—ம் properly உரோி of Telegu speech became வொருங்ங as a desi word; this வொருங்ங was no doubt Sanskritised into வொருங்ங for such a synonym of அச்ச is unknown not only in the Vedic, but also in old Sanskrit. In the district of Barisal the Telegu pronunciation of the word as உரோி is maintained. (3) மலை signifies a mountain in the Tamil as well as in the Malayalam language; very likely in the 3rd century B.C., when the Aryans after some acquaintance with the people of the south, confounded the general name for a mountain, with the name of a particular mountain, a மலை கிரி (tautology) was made the seat of the spring breeze flowing from south. (4) மீன as a word to signify 'fish' was unknown not only in the Vedic speech but also in very old classical Sanskrit, but this மீன or fish which was on the ensign of the Pandyas and was the name of the Dravidian tribe Minavar, became a synonym for முன்று and fish-god as well, very likely when the Pandyas established some relation with the northerners. 'Mina' of Tamil is also Min in the Kui dialect of the Kands, and Minu in the Canarese tongue. We meet also with many Dravidian words in Pāli; I cite only two examples here:
LECTURE V

^{Tt} indicates 'assent'; this is exactly the meaning of the Tamil word ^rfr, ^\g*f signifies 'come here' in the imperative mood. Compare Tamil ^ruke, Mahrati ^\uk and Telegu ^k| indicating the same meaning. But occasional word-borrowing does not signify much. I proceed to notice now such Dravidian words as are in use in Bengali, as imply a very close and intimate relationship, between the Dravidians and the so-called Aryans of Bengal. Those words which may be borrowed in consequence of the existence of a trade, or on account of some occasional social touch, will not be included in the list; for example we have got खूंजा (S. ज्योंग्री, Oriya जब्त्र) and वैट (kitchen knife) of Mundari which can be explained by occasional touch in market places. Some words, common to Bengali and Dravidian, however, which are extremely indecent, and which cannot be traced to any classical origin, and which one people can learn from another if both of them happen to be close neighbours, are of importance; but they cannot certainly find a mention here. I think the list of words I append below, will go a great way to establish the social influence of the Dravidians upon us, in a past time.

N.B.—In the following list T. stands for Telegu, Tm. for Tamil and B. for Bengali.

(1) आकालि (Tm. and T.) hunger, Gondi आकाल (famine). B. आकाल (famine); that it is not from Sanskrit अ+काल will be presently discussed. (2) कल् Tm. stone is also pronounced as खल्; it is गल् in Ceylon; there is only one letter in Tm. for क ख ग and घ; our खल् (a mortar) was originally of stone only and hence the name. This word occurs in Sanskrit as an inseparable portion of the word उहल्. (3) काइ (Tm.) vegetable in general, as in काइ—कारि (from कारि comes B. तरकारी and Anglo-Indian curry); or as in पुलि—काइ (tamarind); we can see that from पुलि—
The simple obsolete Bengali word কাই to signify tamarind; কাই রিচ �still signifies tamarind seed. (4) কুদ (Tm.) to leap; this word is of general use in northern India. (5) কোকা and কোফি son and daughter as in কোকাই—হাঁ, কুমিক—হাঁ, B. খোকা and খুকি are derived from them. The E. B. equivalents are exactly কোকা and কুফি. The Mundari কোড়া and কুড়ি are perhaps in existence in Eastern Bengal in the form of কোদা and কুদি.

(6) খাড়াল sea in Tm.; it is very significant that our বঙ্গ উপসাগর is called খাড়ি. The very word খাড়াল is in use in some parts of Bengal to indicate the stagnant portion of a river which may fitly be called a pool.

(7) খোটা (Tm.) to pick up or gather = খোটা to pick up in B. (8) খাটা Tm. to bind, the upper edge of our lower garment when tightened around the waist and a portion is tucked in to fasten the tie is called খাটা.

(9) খাটাই (Tm.) a piece of wood or fuel; compare B. খোটা a peg and E.B. খুটিয়া (pronounced in Jessore as খুটি উ অ) a log. Compare E.B. খুড়ি fuel or fire wood; there is also another word খাড়ু in Tm. to signify forest.

(10) গান্ধা গোল T. a tumult or noise = B. গোলাগান.

(11) গোন্ধু (Tm.) Gum = B. গুড়। (12) গোড়া T. wall, hence basis or foundation. B. গোড়া indicates beginning or lower or base portion of a thing.

(13) চাপা (T.) a mat (is pronounced as scāpā; there is only one letter for s and sh in Tm. = শপ of B. as in শপ চাটাই. (14) চুক্কি T. beautiful = চিনক of B. as in ‘চিকন কালা’ or চেকনাই (15) চিঙ্গ T. and Tm. = small. The old use of this word may be noticed in চিনাঙ্গোক or চিনেঙ্গোক a tiny leech. In certain parts of Bengal the form has been wrongly reduced to চিনেঙ্গোক. The Oria form of the word is সা—ন and in Nepalese also the word is in use in that sense and form. In the district of Sambalpur the third brother who is next below মাথিয়া (lit. middle) or the second brother is
called सान माक्षिका and sometimes in the contracted form सान—जिन्ना or साजिन्ना which corresponds exactly with सेजो of B. as in सेज ना, both in form and meaning, and so the word सान् is imbedded in the word सेजो. (16) चालाम (Tm.) maize, in T. common name for grain of gram class; छोल of B. comes from it, the Sanskrit name for which is चणक. (18) ता—ला T. and ताल Tm. head, we get in such a phrase as साथार तेलो, Sanskrit तालू bears another meaning and has no connection with it. (19) तालूनि T. and ताय Tm. signifies mother or one of the rank of a mother. It is interesting to note that the word आम्ना is also used to signify the same meaning. We have the words तालूनि ज or ताओर्न in masculine and आम्ना or माघ in feminine to indicate respectable persons who are of the rank of father and mother. (20) निज़्ज़म (T.) true, compare निज़्ज़स् of B. (21) पालू (T.) or पाल् Tm. milk, in the word ‘पालून्’ signifying ‘udder’ of a cow, this word is retained in B. (22) पाटिः T. and Tm. silk and silk cloth. Cf. पाट, पाट बंस (23) पिलूलई Tm. or पिलूला (T.) a child; occurs in some compound words in B. as in छेले पिले, in E. B. पोला is in use. (24) पिलूल (T.) cat = बिलाइ Oria and Kui = E. B. बिलाइ (even in old Sanskrit बिड़ाल is unknown, the word was माज्जार; बिलार or बिलाल or बिराल of Pali comes from Dravidian; in B. बिड़ाल and बेड़ाल are in use). (25) बा—न (T.) rain = B. बान flood. (26) बा—ना Tm. flag, same in Oria and same in old B. as in Chandidisa. (28) मो—ट (T.) (pronounced, as it should be as मोटा, मोटई Tm.), a heavy bundle of luggage, same in B., in the district of Sambalpur it is pronounced as मोटा following Dravidian pronunciation. (29) तांडू as in ओले—तांडू the central stem like solid portion of banana plant. B. खोड़ द seems to be derived from ‘तांडू.’ It is curious that banana flower and this तांडू or खोड़ are used as vegetable food in Bengal and in the Madras Presidency only.
Those who try to trace all our words to some Sanskrit origin, may on reference to the foregoing list suggest some Sanskrit words for the Dravidian words depending upon very remote sound similarity; for instance the word আকাল may be rejected, as the Sanskrit word কাল may anyhow be made to be a component of আকাল. With a view to point out the right method that has to be pursued in such an enquiry, let me show that the suggestion of the Sanskritists on the point will be wrong. We do not get any word, either in Sanskrit or in the old Prākṛtas, which has কাল for stem to signify the idea conveyed by ছুড়িক্ষ (famine). What led our ancestors then, to coin a new word in Bengali agreeing with Tamil and Gondi, to express an old and familiar idea, is difficult to imagine. It is curious that the word which was current in Prākṛta was given up and an unidiomatic expression was introduced in a slovenly way by joining আ and কাল together. If আকাল be said to be a corruption of অকাল the argument will not be stronger, for no Sanskrit or Prākṛta lexicon will give us the word অকাল to signify famine. A word may anyhow be made to look like a Sanskrit form, but it is to be seen whether such a form or its prototype was at all in common use in old time. In their zeal to derive all Bengali words from Sanskrit roots and stems, such old and obsolete words are at times drawn out of the Sanskrit Dictionary as were not even in use in Sanskrit for centuries previous to our time. We cannot avoid looking to the people and their antecedents in our inquiry relating to language. Let me also cite an example of contrary character to illustrate the right method of getting a derivative. The word সাকে (bridge) looks like a desi word and is treated as such, for it is difficult to see that the word comes from সং+কৃত. With our knowledge of Oria we can see that স্বধ is the Oria word for a bridge
which is in a less decayed or अपट्य्ज्यज्ञ form. One who knows Pāli cannot fail to notice that the Pāli word संघट is the adjective form from which सं is as noun came out; संघट in Pāli signifies ‘put together’ ‘constructed,’ ‘prepared.’ That we are not to follow sound alone, but have to look to many other facts in this sort of research, is what I want to impress upon you all.

I have spoken of some essential grammatical peculiarities of the Dravidian language as have been detected in the Etruscan speech of Italy; that these very peculiarities are noticeable in Bengali, is a highly interesting fact to take note of. As to this phenomenon that as in Dravidian and in Etruscan, the Bengali verbs do not distinguish between singular and plural, nothing beyond a mention of the fact seems necessary; as to the use of genitive forms as adjectives such idiomatic expressions as एक—एर नबर ज्ञाचोर (first-rate cheat), तिन—एर भाग (third part) स्थरें खपर (happy news) गोलेर कথा (a complicated affair) झालेर माछ (a dish of fish hot in preparation), etc., may be referred to. The use in Bengali of the Dravidian plural forming suffixes ‘gal’ and ‘ar,’ must however be explained carefully. That গুলি or its variant গুলা (in use in Beng. and Oriya only) comes from গল will be evident from the following facts: (1) In the Jataka stories composed in old Māgadhi Pākṛta or Pāli, we get पुप्प—गल (lit. many flowers) to signify a nosegay; (2) in the Pākṛta works of later days, we notice such expressions as मत—गल मात्रा समुह बिष—गल म-अ गल, etc., as plural forms; (3) গুলি or গুলার of Beng. and Oriya signifies plurality exactly as গল does in Tamil and as it did in old Pākṛta as noted above. We notice that গুলা has assumed the form গিলার or গিলাকৃ in that Bengali-speaking tract which is quite close to Assam; Mr. Laxmi Narayan Bejbarua has suggested to me that
the Assamese বিলাক্ষ is very likely a variant of গিলাক্ষ, since that Assamese form cannot be traced to any Mongolian source.

That our plural-forming suffix রা originates from Tamil அர் need be discussed next. We have to notice first that the plural form with রা is peculiarly Bengali as distinguished from Māgadhi, Oriya and Assamese. We have next to notice that neither any Prākṛta form, nor any provincial idiomatic use can be cited in support of the view that the possessive case-ending 'র' became the plural-forming suffix 'রা.' That this suffix was adopted in Bengali on the soil of Bengal, is quite evident; being a new suffix of vulgar or popular origin it was not much used in the literary language of olden days; the Editor of Sree Kṛṣnakṛtvan has noted only three instances of its use in the whole book. One early use of the suffix exactly in the form of অর্ may be noticed in the formation of the word পয়সা (পয়সা+অর্) which signifies a couplet or verse of two lines. We will see that 'অা' became once a plural-denoting suffix in পাঁথ; that this 'অা' could naturally be compounded with অর্থ to give rise to the suffix 'রা.' can be easily formulated, since such compounding of different suffixes in the formation of one new suffix is noticeable in other cases: for example, 'ক' of অস্মাকম্ (অন্মাকম্), তুম্মাকম্, etc. was joined with honorific বীষ্ম of বদ্ধীয়, তদ্ধীয় etc., and the whole portion (i.e., বীষ্ম+ক) was compounded with possessive-denoting 'র' to form the suffix দিগের. I shall have to discuss this question, over again, later on.

The position of negative-indicating particle না in a sentence in Bengali seems also to be due to Dravidian influence; in Chāndasā, in Sanskrit, in Pali and in later Prākṛitas, the negative-indicating না has its place before the verb, and this idiomatic use is current in Hindi, while in the
LECTURE V

Sanskritic Vernaculars of the tracts bordering on the lands of the Dravidians, this particle has its place after the verb; that Assamese is naturally expected to agree with Bengali and Oriya in this respect as well as in many other points of significance, will be explained in a subsequent lecture.

I have made out a list of hundred words which may be called দেশী and which cannot be traced either to any Sanskritic origin or to any other non-Aryan origin. On reference to this list as appears in the form of an appendix to this lecture, you will notice that in their physical appearance they do not look either like Dravidian words or like the Kiranti words. As many tribes have lost their original speeches and speak one form or another of the Aryan speech, it is difficult to get to the origin of these words. It is not the place where I can discuss the ethnological problems but I can say on the strength of some known facts of Southern India, that the word Dravidian does not cover the whole ground, when we take even those tribes into consideration, who speak uniformly one Dravidian speech. I purposely avoid here the question of fusion of races in Bengal. I notice here a very familiar saying of the Tamil country, that an Akallan became a Maravan, the Maravan became an Agambadiyan and an Agambadiyan became a Vellalan. That the tribes who are quite mixed up now spoke once different speeches, may be detected from such a phenomenon that, in the Tamil language there are 34 synonyms for the word 'wind,' 50 for 'water,' 35 for 'cloud,' 62 for 'earth' and 60 for 'mountain.'

We cannot dissolve a thoroughly mixed-up people into their original elements, but we can push on our research to see if the words of unknown origin and the terms of expressions not in agreement with the idioms of Aryan
speeches or the idioms of the known Dravidian speeches, can be traced to some other origin or origins. I shall consider the influence of the Dravidian accent system in my next lecture when a comparative study of all the accent systems, Aryan as well as non-Aryan, will be specially dealt with.
APPENDIX TO LECTURE V

The following words of uncertain origin are given in two lists as owing to their nasal sound, the words on the first list (left hand side) seem to be different from those on the second list (to the right hand side), in the matter of origin.

<table>
<thead>
<tr>
<th>List I.</th>
<th>List II.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) অঁচড় (a scratch), (2) অটুকুড়িয়া, (in Bengal and Sambalpur, a man not blessed with progeny), (3) আট, tight আটা (gum) seems to be connected, since আটা (to stick or to paste) is the verb form. (4) আঁড়, a market (আড়া seems connected as it signifies a farm), (5) ইঁচড় or এঁচড়, a green or unripe jack fruit, (6) উর্চুঙ্গ (in eastern parts of Jessore and in some parts of E.B. it indicates a cockroach), (7) ওঁৎ (as in ওঁ পাতা—said of an animal, addressing itself to swoop upon the object of prey), (8) কফি=branch of a bamboo, (9) কাফো (the form is কফো in Hemchandra’s দেশী নামমালা) = husking or</td>
<td>(1) অঁখ্য (veritable as অজ্ঞ-পাড়াগোষ্ঠী), (2) আলী, in Bengali and Oriya, a female friend of a female, (3) উঁই, white ant, (4) উলু, thatching grass, (5) কিল, a blow, (6) কুটা, a straw, (7) কুড়ি, twenty (is it connected with কপর্দ কড়ি in its counting to the number making up a score unit ?), (8) কুলা, winnowing fan, (9) কোটি (জিড়) perverse or strong determination, (10) কোটি (used in Sanskrit but not in use in Vedic; it is to be noted that কোটি in vernacular form used as Crore, though normally a word made up of compound consonants is reduced to simpler form and not vice versa), (11) খালুই,</td>
</tr>
</tbody>
</table>
## List I.
- polishing, (10) ক্ষেত্র, earthworm, (11) বাঁচা (a cage),
- (12) খেঁরা, a broom, (13) গুড়া (a variant of গুড়া)= dust-like particles,
- (14) গেঁড়া, the stump or rather the hard upper portion of root.
- (15) ছেঁড়া (bearing almost the sense of a slippant); in E. B., a young boy,
- (16) চাঙড়ি (a basket, চাঙড়ি in Pali), (17) গোলা, a pipe,
- (18) টোচ, a thin bamboo slip with sharp cutting edge,
- (19) টোতা (worthless), (20) জঙ্গল in Sans. also,
- (21) বঁক, a multitude as in a flight of birds,
- (22) ঝাঁটা (a broom),
- (23) ঝাঁপ, a screen, and a sudden falling in water; (Oriya ঝসঃ in the latter sense
- and ঝম in pseudo-Sanskrit);
- Is ঝম an intensive variant of ঝপ? (24) টেঁরা as in টেঁটা (ঝেঁট=down) টেঁরা (টেঁর ইংডিকেটস high mound
- in Assamese; compare also টং, or টুং, or টোঁং a raised bamboo platform), (eel to

## List II.
- keep fish), (12) গড়ান, (to roll), (13) গাছ (গাছ or গাছ
- and গুছ or গোছা in Prākṛta
- and in vernacular equally of non-Sanskritic origin), (14) গোদা, a heap and also the
dorsal portion of a fish, (15) ঝটি or ঝটি or ঝুটি (in
Assamese and in Nepalese ঝট
- means a fruit, a fruit in its
early stage is so called in
Bengali; a small piece of hard
clay or stone is also called a
ঝুটি), (16) গোদা, a head or a
leader as in পালের গোদা,
(17) সুম (sleep) in Bengali
and in old Oriya) may be
from to dose which is Dhama
S.; compare নিকুল গোলা (he
has slept) in Marathi, (18)
ঝাঁড়, shoulders or neck.
(19) চাল, a roof,
(20) চাড় (compare Oriya চাও quickly)
eagerness as in এ কাজে চাড়
নেই, (21) চারা (young plant),
(22) চুড়া (basket), (23) ছোট
(may be a variant of ঝাঁট,—
from ঝুড় we get ছুল as well
as চুল in old Prākṛt, from চুল
<table>
<thead>
<tr>
<th>List I.</th>
<th>List II.</th>
</tr>
</thead>
<tbody>
<tr>
<td>we may get खुट or खट and so from चूल, छोट and then हृदे, (24) छा म a verse and sprinkling of water, (25) छिप (a fishing rod), (26) जड़, root, (27) झाड़, forest, (28) टाक, baldness, (29) टोप, a bait, (30) टोल a school, (31) ठाकुर (pseudo Sans. ठकुर, a term of respect), (32) ठड़ा, jeering (Oriya ठोरा), (33) ठार, a gesture, (34) डेक्कुर, a shameless bold fellow, (35) चाका, a cover, (36) चोक, to enter (ढुक also in pseudo-Sanskrit), (37) तड़का, a fit in a fever, (38) ताड़ा, a bundle, (39) तुलसी, (a plant in general in पार्वी; Hem Chandra simply mentions as a देशी word; now a special aromatic plant), (40) थाबा, the paw of an animal, and one handful. (41) दोंग, used in E.B. only to signify 'down.' (42) ठामा, a basket, (43) पुड़कूडी (beggar's bag), (44) छुला, a paw, or one having the arm paralysed,</td>
<td></td>
</tr>
</tbody>
</table>
| (25) ठंग, a leg, Hindi ठंग, (26) ठोंग, a cup made of leaves or of paper, (27) डांग, land as opposed to water (may be connected with टेंगर of Assamese or डुकार, a hillock of Gondi), (28) डंग or डोंग, a boat (डंग is to leap as डंग or in डंगबाजी), (29) डंग, a fashion or a queer mode, (30) डोंकी, husking machine, (31) डोंडा, (hollow) hence inoffensive as डोंडा साप, (32) नांगरा, unclean, (33) नाबस्ता (used in E.B. only = sham kindness), (34) पोटी, a goat (in Oriya the feminine form पौटी is in use), (35) पोटा (entrails of an animal), (36) फड़िङ, a grasshopper, (37) फेंचां (a disturbing obstruction), (38) फेंड, also in Sambalpur, a careful handling, (39) फेंचा, snub-nosed (40) फांकारी, a bamboo slip used, say for the thatch of a house, (41) फेंचा, a bundle, (42) फड़ुंग, a show of...
### List I.
- vanity, (43) বেঝান, to imitate one by gestures, to irritate that one (may be from তঞ্চ), (44) তৃঙ্গ, as in তৃঙ্গ দেখান, to hold out a false hope, (45) ভোঁতা, dull-edged, (46) রাঘু, widow (রাজী, a bad woman in Hindi), (47) হেঘালি, a riddle, (48) হেংলা, meanly craving for food.

### List II.
- (45) নেকা, a pretender or one who shams, (46) নেটা as a নেটা হাত, one who cannot use his right hand. [In E. B. the word ভড়বা is in use, which is also in use in Oriya and Nepalese.] (47) পেট (পোড়া in Marathi), the belly; (48) পোকা, a worm, (49) পোড়া (burning), (50) কোঁপোলা (without teeth), (51) বোকা, a goat, or a silly fellow [বোকঁড় is the form in প্রাক্তন as noticed by Hem Chandra] (52) ভাটা, down stream, shallow water in Sambalpur, (53) ভড়ান to bring to the shore as a boat, (54) ভড়া, crowd, (55) ভুল, mistake, (56) মন (40 seers), (57) মাণি, a woman (মাউগি a wife in Behari), (58) সিহি (thin), (59) লোকা, to dose, as in কুরি লোকা, (60) লক্ষ, as the word কোটা, so is লক্ষ a non-Vedic term, (61) শাটি, secret signs, (62) শট্টকান, to slip away unnoticed, (63) শাঙ্গা, (alarm), (64) হাট, market.
BENGALI PHONOLOGY

LECTURE VI

An analysis of the character of our vocalic and consonantal sounds can only lead us to form a definite idea regarding our provincial accent system. As such, a comparative study of Bengali phonology should be carefully pursued, though this sort of study involves a detailed consideration of the phonology of not only the ancient Vedic and the post-Vedic languages, but also of the Dravidian accent system. It is a hard work to do; but I must make an attempt in this direction, in the hope that my failure may lead to success, by attracting the attention and calling forth the energies of worthier scholars.

The letters of the ancient alphabet, which are not articulated in our pure Bengali speech, and which we keep in stock for the only purpose of representing the words of the ancient languages of India, will be dealt with only briefly.

অ.—(?) The usual sound of this vowel may be represented by ‘o’ as it is pronounced in pot, not, hot, etc. The sound of it in ancient times, may be presumed to have been like ‘u’ in but, cut, hut, etc., and so the long sound of this short অ may easily be made into আ (as ‘a’ in part, calm, large, etc.). This may explain why আ is the long form of অ, as ই and উ are the long forms of ই and উ. In Marathi, Canarese, Tamil and Telegu, অ is pronounced as short আ; this sound is exactly similar to our short unaccented আ sound as in আমার, আনাজ, আচার, etc. The Mundas and the Oriaons of Bengal frontier do also
pronounce অ as আ short. The Bengali sound of অ, as verging upon the sound of ‘ও,’ is naturally subdued when it is in the beginning or in the middle of a word, but it is distinct at the end of a word, when the final vowel, as a matter of course, is not হস্ত in sound. Forgetting this natural mode of pronunciation, some writers unnecessarily write মেঢা for মত (like), ভালে for ভাল (good), কোনে for কোণ (certain), etc. This process may be called wasting the black paint to paint a Negro black. The spelling reformers, moreover, fail to see that the sound of অ as a final, only approaches the sound of ও, and it will be creating confusion, if this sound be made identical with ‘ও’.

(ii) The pronunciation of অ in Oriyā is midway between the Bengali and the Tamil pronunciation. The sound in Oriyā is similar to ‘a’ in ball; while we pronounce রবি as Robi, the Oriyās pronounce it as Raw-bi. This Oriyā pronunciation of অ is the highest exercise we make in producing the ancient sound, when reading Sanskrit, and this is the sound we produce, when accent is put upon অ not followed by ই or উ sound in a word. For example, when there is an accent on অ of অত (so much), the অ sounds like ‘aw’ in raw or like ‘a’ in ball. অ in অতি, however, does not change the normal Bengali sound, even though accented, as the ই sound follows it. Our spelling reformers may also take notice of the fact, that even when we attempt to maintain the purity of the sound of অ, as in অত, the sound is almost an ‘ও’ to the men of other provinces of India.

The Vedic sound for অ may no doubt be presumed to be our short আ, but we notice in the Atharvan Prātiṣākhya (e.g., 1,36) that besides the open sound, there was also a close or, saṃvṛta, sound of অ, which it appears, we have only inherited in Bengal. It is difficult to say, if this
sāṃvṛta sound has come down to us through Pāli and other later Māgadhi Prākritas, for we have no Prākṛta Prātiśākhyas to bear evidence to such a transmission. No doubt in Pāli, i.e., in the old Māgadhi Prākṛta, all nouns ending with the vowel sound of अ are found in the form ते, त्थे, etc., in nominative singular, but this cannot perhaps be said to have been due to the peculiarity of the pronunciation of अ at the end of a word, for though there was no visarjania in use in Pāli, it may be said that, in its origin the sound came out of an elision of visarjania. It is, however, worth noting, that besides a general sāṃvṛta sound for अ, we can detect in the Vedic itself a tendency of अ (as final) to be reduced to the sound of ओ when joined to the visarjaniya: we first notice it very unmistakably in several euphonic combinations, where the final अ sound with the conjoined visarjaniya is reduced to ओ; we again may notice that the dual form of देव, for example, is देवो; the word देवः must have been pronounced as देवो (as in Pāli) for, to create a dual form by the lengthening of the final sound, the long sound of ओ (which is ओ) was reached, and this became the dual denoting suffix. It should be mentioned here, that the dual with ओ is later in date in the Vedic language, and that the earlier बिभक्ति is noticed as अ in Chāndasa.

In consequence of their settled habit of pronouncing अ with its long and open sound, the people of Upper India, when pronouncing such words as ‘long,’ ‘follow,’ etc., by half adopting them in Hindi, utter those words as लां, कां, etc. The Bengali boys on the other hand, not being accustomed to emit the sound of ‘i’ and ‘u’ as in ‘bird’ and ‘cut,’ pronounce them as बांद (bard) and कā-ट, etc.

We gather from the works on Vedic phonology, that both अ and अ carried in their full-bodied open utterance, a half-distinct nasal sound. We can detect that the
half-distinct nasal sound developed into a full-bodied nasal letter, when the sound in অ and আ was very long drawn to create, for instance, the plural form; this is why ঘবতি became ঘবস্তি, and we get in the Vedic speech জুংস্তি as an additional plural form by the side of জুংতি. How a দ্বীপ sound naturally evolves a nasal, will be noticed presently. For want of any work on phonology, relating to the old Māgadhī speech, we cannot say, if the Prākṛta speakers of old Magadha displayed the peculiarity noticed in the case of the Vedic speech. It is, however, a fact that in the district of Bankura, as well as in the western portion of Burdwan, a final half-nasal occurs at the ends of such words as করিয়া, খাইয়া, etc., and they are pronounced as করিয়া, খাইয়া, etc. We also find that in some cases of our অপহংশ words, where আ or any other vowel is accented to maintain the long sound, occurring in the original word, we put a half-nasal " on the accented vowel, though the derivation of the word, does not justify the nasal. আটি (from S. আটি or আট্ঠিদ), জোঁক (from জলৌক), and সেতা (from সিক্ত) are some fitting examples. That in old Māgadhī Prākṛta a nasal was introduced in similar cases, can be presumed from some অপহংশ forms; for example, from বক্ত comes বক্স, and from Vedic কুথ comes the form কথা; our vernacular forms বাক and কাথা, I need hardly say, are from বক্স and কথা respectively. We may note that বক্স and কথা were adapted in Sanskrit from Prākṛta. সাপ from সর্প in Hindi may be compared with the above forms.

The nasal of আ.—I proceed now to show, that there is a natural basis in our very organ of speech, for the occurrence of this phenomenon, that আ carries at times a nasal sound with it. To do this, I have to also notice that আ is sometimes transformed into ই in the lengthening of the voice, as will also be pointed out presently.
To serve our purpose, the results of a scientific research touching the origin and character of the vowel sounds, may be briefly stated here. Helmholtz and Koenig made very accurate and delicate experiments, in the mouth of men, and thereby accomplished a nice analysis of the natural sounds, produced by our vocal organs; it has been established by these experiments, that $U$ (ू) is musically speaking the lowest, $I$ (ई) the highest, and $A$ (अ) the central of all the vowels. This scientific evidence in support of this proposition, that अ, ई, and ू are the three cardinal vowels, shows with what degree of accuracy, the old grammarians of India, analysed and classified the vowels, as well as the consonantal sounds, many centuries before the Christian era. We all know that आइउ is the first माहेश्वरी सूत्र, with which the old Sanskrit Grammar starts. It will not now be difficult to see, how $A$ becomes $ई$ in the Vedic speech in the lengthening of that long vowel, some examples regarding which will be presently adduced. It has also been established by physical experiments, referred to above, that if अ or आ sound is lengthened without allowing the sound to reach a high pitch, that is to say, without allowing it to develop into ई sound, the lengthened voice is sure to become nasal; this is why आ carries with it a nasal when the sound is lengthened.

अ.—(५) Generally speaking our आ is a short vowel and it becomes long only when there is accent upon it. In respect of all long sounds, it has however to be noted, that there are different grades of them, and one sound, though long, may not be so long as another long sound may be. It is difficult to symbolise these grades of length, but we may formulate at least a 'half-long' sound, as intermediate between short and long. When आ is followed by a हस्त consonant, that is which does not carry a vowel
sound, it becomes a half-long vowel as आ in आझ, रात, भात, पात, etc. In the words आपन, कापड़, पाता, बाकई, बाँड़ि, etc., आ is short; this short sound of a long vowel may be termed as the normal long sound in Bengali. We do not make any distinction between long and short sounds of vowels according to Sanskrit rules. As a rule, the single letters when uttered separately, as independent syllables or words, are uttered long; our children, unlike those of Upper India, pronounce अ—अ, आ—आ, इ—इ, ई—ई, क—क, ख—ख, etc., when learning the alphabet. Words of one letter are pronounced long, as it is the case in the Tamil speech. In Tamil, there are 42 one-letter words and they are all sounded long. The Bengali one-letter word 'ना,' to indicate a reply in the negative, is rather long, while it is short in ना जानि, बाब ना, etc., where it has been joined to, or compounded with other words. The initial letter of a word of two letters is pronounced long, when the final letter is हस्त ; cf. कल, शिव, गुड़, etc.; it is to be noted, that here the words of two letters are words of one syllable, and as such, the rule regarding one syllable is applicable.

(ii) I have spoken of the nasal sound which आ develops at times; it may be noticed that when आ carries a nasal sound in Bengali, it has the tendency to be pronounced long, no matter whether it is followed by a हस्त consonant or not; the long sounds of आं in आंशिटे, आंचड़, काठाल, बांशी हांठू are examples.

(iii) In the Vedic speech, आ when made very long, was at times transformed into इ sound; compare सिद्धांति and साधिति (succeeds), शास्ति (teaches) and शिष्टि (taught); this is especially marked in final आ, as हित from स्ता, गीत from पा, गीथ as a variant of गाथ, दीष from दा and दीन from हा (Macdonell's Vedic Grammar, p. 4). We may notice in this connection, that in the अगदंश formation of आं from इंकू,
the ë sound of the original has been reduced to आ in Bengali.

It will be noticed that in a large number of cases, the final आ followed by ë sound is changed into ए, as it is in the Vedic speech. Here the rule of law is, the preceding vowel sound influences the one coming after. This is the inverse of 'umlaut.' In our pronunciation निः becomes नि, रिः becomes रिख, बिख ब बिख, etc.* If however, the final आ comes after the उ sound, the आ is changed into ओ, कुटा, पूरा, बुढा, etc., are pronounced as कुटा, पूरा, बुढा, etc. If the final आ is attached to रा (which is pronounced as आ in Bengali) in a word of more than two letters, the whole of the final letter आ is changed into ए or ओ as the case may be, and this ए or ओ takes the place of इ or उ of the next preceding letter; नदीया becomes नदे, বাশবেড়িয়া—বাশবেড়ে, করিয়া—করে, পড়ুয়া—পড়ো, লিলুয়া—লিলো, etc., গিয়া, দিয়া, ধুয়া, জুয়া, etc., being words of two letters they will be changed into গিয়ে, দিয়ে, ধুয়ে, জুয়ে (জুমোচোর contracted into জোচোর), etc. We thus see, that though 'রা' is seemingly pronounced as 'अ' the ë-अ sound is partly in our ears, to effect the phonetic change described above. Since the words are sure to be pronounced in the manner indicated above, even though they are spelt correctly in their original form, our spelling reformers may give up the attempt of spelling the words by representing all sorts of change of sounds, caused by phonetic decay. The writers, I speak of, want to introduce the verbs only in their contracted forms, but not the nouns, adjectives, etc. With what logic this distinction is sought to be made, is not easy to see. Why should we not write ইন্দিরে, ঈশ্নে, কৈলেশ, নিথো, বিচের (as in আচায় বিচের), etc.,

* As in Eastern Bengal the last syllables are accented, the final आ of मिष्टी and such other words, does not change into ए.
if, গিয়েছে, etc., for করিয়া, গিয়াছে etc., may be introduced with propriety.

Having enunciated the rule regarding the change of final আ into এ, I must further note that the change spoken of, takes place even though other words are compounded with the words ending with আ, and even when suffixes or inflections come after the final আ।; মরেছিল মরিয়াছিল, এল আইল, বেঁধেছে বাধিয়াছে, নেতে যাইতে, etc., may be noted. No one should confound the forms গাইতে, নাইতে, চাইতে, etc., with যাইতে, পাইতে, খাইতে, etc.; in the former series, the letter ‘হ’ of the verb stems, has only lost the sharp aspirate sound, and as such গাহিতে, নাহিতে, and চাহিতে have been reduced to the softened down forms; it will therefore be ridiculous, if one would attempt a further contraction of the words of the first series into গেতে, নেতে, চেতে, on the analogy of যেতে, পেতে and খেতে, which are the contracted forms of যাহিতে, পাহিতে and খাহিতে. We shall see from other examples later on, that even where we use the letter ‘হ,’ our tongue glides over the sound of ‘হ’ almost unawares, to allow the letter to perform its physiological work.

ই, ই—I have said that there is no vowel in Bengali which has an inherent long sound; as such, ও and ঐ are used only to spell the words of Sanskrit origin. I have also noticed, that the vowels are sounded long, when we put accent or emphasis upon them, and they are all short when not accentued. In pronouncing the Sanskrit word ঐষ্ঠর we do not really make ঐ long, but only a slight long sound is uttered as the result of our pronunciation of the compound letter which follows ঐ; all letters become slightly long in our pronunciation, when it is followed by a duplicated or a compound letter, no distinction can be made between the sounds of ই and ঐ.
when we pronounce ইষ্ঠা and ইথর. Since we cannot indicate by phonetic representations, the long or rather accented sounds of অ, আ, এ, and ঐ, and since ঈ has not got a long sound in Bengali, it is hardly correct to write কী for কি to indicate accent or emphasis; for example, when we put emphasis upon the word তুমি (you) in such a sentence as আমাকে কে মারবে? তুমি? no one can seriously think of spelling the word as তুমি.

I have shown under the heading আ how this sound is changed into এ; it is also to be noted that when as a general rule, the aforesaid change takes place in our pronunciation, one exception is observed in some parts of Eastern Bengal. In the district of Dacca, the ঈ sound without being changed into এ, a metathysis in the sound occurs; for example করিপ্রণা becomes কহরণ, বাণিজ্যা becomes বাইলা (বেলে = sandy), etc. It is to be further noted, that this phenomenon also occurs when the compounded ই-অ sound which is represented by what is called য-কলা is taken by a consonant after the অ or the আ sound, and so মধ্য and বাণ্ডা are pronounced in some eastern districts, as মইথ্যা and বাইদুধ্থ. As a letter with য-কলা is pronounced in Bengali as a duplicated letter, the ঈ sound comes before a compounded letter, specially when there is an aspirate sound at the end of the compound letter; thus the word ব্রাঞ্ছ will be pronounced ব্রাইঞ্জা in Dacca. I must point out in this connection, that we meet with the forms কহল and ধহল for করিল and ধরিল, in our old Bengali books which were composed in the Radjha country. I have shown in a preceding section, that the Pundra people, who inhabited the Radjha-land, proceeded to North Bengal in early times, and a large number of them migrated also to the Sambalpur tract, during the time of the Kosala Guptas. There may be or may not be any causal relation between this fact and what I am going to state now; it is curious, that
Unlike their neighbours on all sides, the people of Sambalpur reduce "ttfr, Ttf*I, Ttfo, etc., to tftsi, Tt^I, Tf^I, etc.; a line of a song composed in the vulgar speech of the Rangpur district, will disclose the above peculiarity in that far off locality in Northern Bengal: আমার মহিন্দা (মিন্স—husband) ছিল ঘরতে (ঘরে) কি সতে (কি কারণে) আগু (রাগ) কইরা (করিয়া) গইছেন (গিয়াছেন) বাহে (মহাশয়) একুনা (একটা) কথাতে (কথায)।

We utter the ই sound in some cases to prepare the ground as it were, for pronouncing a compound letter, of which sibilant is a component part. The English word school is pronounced sa-kul in the Punjab, e-skool in the U. P., us-kul in some parts of Orissa and is-kul in Bengal, in the sea-board districts of Orissa, and in the Madras Presidency. I may remark in passing, that the disinclination to pronounce a compound letter as an initial, is India-wide; as the speakers of Aryan speeches in Europe pronounce the initial compound letters aight, and as it is a rule in the Dravidian speeches, that the initial letter can never be a compound letter, I am inclined to formulate a widespread Dravidian influence since a remote past, to explain this peculiarity in our pronuncia-
tion. It will be noticed later on, that this inclination to drop the letter 's' as a first part of a compound initial letter, is noticeable in the Vedic speech as well. In the U. P., the introductory vowel sound becomes আ, when the initial compound letter terminates with আ sound, and so আন is uttered as আনান; in the case of other terminal vowel sounds, এ becomes the introductory sound. In the Punjab, the compound letter is split up, and one letter is pronounced after the other; in the Tamil pronunciation however, ই must be pronounced not only before the compound letters of the class spoken of above, but even before other initial compound letters; if even the second letter of a word is
a compound letter, and the initial letter is a simple one, the \( \text{I} \) sound is uttered by the Tamil people; the Tamil Apabhraṃsa of \( \text{रूक्स} \) is \( \text{ई+राक्कधन} \); this is also a rule in the Tamil speech, that an introducing vowel is added to a word beginning with \( \text{र} \).

उ उ.—I need hardly repeat that उ has got no place on the list of pure and genuine Bengali vowels. उ is changed into ो, when as a pure vowel it is followed by अ or accented अ, in a word of two syllables; we may notice this change in तो, तठ and ोः. In the Chittagong division, ो is changed into उ sound in some cases; I could not obtain a sufficiently large number of words to frame a generalised rule for this peculiarity of pronunciation in Chittagong.

In our vulgar Bengali pronunciation, a compound or duplicated letter with final अ sound, takes इ or उ when followed by इ or उ in the syllable, and so इट, कट (क्रष), मिट, etc., become इट, किट (in के-किट), and मिट, and पुट, तुट and उट become पुट, तुट and उट; it will be noticed that at the dropping of one ठ, the long sound of उ has generated the half nasal चन्द्रविन्दु. Consideration of the sound of झ will follow after taking notice of the sounds of य, र, ल and ब (v).

ए, ऐ, ओ, औ.—These vowels or diphthongs have lost their original sounds and are pronounced as 'e' in met (or as 'a' in mate), as अइ, as 'o' of the English vowel, and as अउ. The original sounds of these vowels have been partially retained in Tamil and Telegu; or rather, the Dravidian sounds of those letters nearly approach the ancient Aryan sounds of them. We learn from the remarks of the ancient Grammarians (e.g., Vārtuka of Kātyāyana, VIII-2, 106; under Mahābhāṣya, I-1, 48), that ए is equal to अ+ई and ओ is equal to अ+उ, and ऐ and औ
being respectively the farther long sounds of ձ and ձ, the sound ձ for ձ has to be prefixed to ձ and ձ respectively, to obtain the proper sounds generated by ձ and ձ. The following examples collected by Prof. Macdonell in his Vedic grammar, may be profitably cited. We get in saptami singular ձ+ձ=ձ, ձ+ձ=ձ, and ձ+ձ=ձ; notice also ձ+ձ=ձ (twin sisters). When we get ձ (pond) from ձ+ձ, we see that ձ has become long under the influence of succeeding ձ. The two examples ձ+ձ=ձ and ձ+ձ=ձ are illuminating. I may notice in passing, that in Orissa, ձ is pronounced as ձ and ձ as ձ. It is clear that our Bengali pronunciation is wholly peculiar to us. ձ and ձ being merely long or augmented forms of ձ and ձ respectively, they ceased to be in use in the Prākṛta speeches.

ձ.—(i) The sound of the vowel as indicated above is after the ancient Aryan sound of it, and this sound is uttered only in pronouncing the words which are at times designated by the technical term ձձ. The initial sound of ձ in indigenous Bengali words, can be represented by ‘ձ’ in mat. This normal sound of Bengali ձ is so very exclusively peculiar to Bengali, that no letter or letter-signs of our ancient script, can represent it. It took me full six days to make a boy of the U. P. to pronounce the English word ‘bat’ correctly; the sound was altogether new to his ears and he was constantly varying his pronunciation from bet to bate. It is very important to note, that this ձ sound, as it occurs in bat, mat, etc., exists in the Dravidian tongue of Tamil; the pronunciation of the word ձձ (stone) as Kāll or of ձձ (cajoling) as Anbu, are examples. Some Bengali writers, who do not know what the real sound of ձ is, make at times the unscientific and useless attempt to
represent the sound by \( \text{।} + \text{অ} \) to convey the peculiar Bengali sound to the ears of the foreigners. They do not know that the spelling  গ্যাল for  গেল is highly misleading to the people all over India, for \( \text{ই} \text{অ} \) is the sound of both  ই, and  ফল,—outside the presidency of Bengal. The Indians of all other provinces, as well as the Europeans, who come to learn Bengali after studying Sanskrit or Hindi, are sure to pronounce  গ্যাল as  গিয়াল. This method of representation will therefore be of no help to the outsiders, and will have the mischievous effect of teaching the Bengali boys a very wrong sound of  ই, which they have to deal with in their Sanskrit text-books. The Bengali boys learn the normal sound of Bengali  এ even when they commence to lisp in their early infancy. All that we should do, is to frame rules regarding the normal and Sanskritic pronunciation of the vowel  এ. As we have to learn the sounds of the vowels of the foreigners from the foreigners, our special Bengali sound has to be learned by those who are not Bengalis. To indicate this special sound of  এ, we shall put a circumflex upon it.

I have stated that the initial  এ in the তৎসম words, does not become the normal Bengali  এ. I could notice only four words, namely,  এক,  ফেন or  ফেনা  বেলা and  হেলা, which only seemingly form exception to the rule; we see that the old  এক became  এক in the প্রাক্ত্য, and so the newly formed Bengali word  এক, is not, inspite of its physical identity, identical with the original Sanskrit form; the words  বেলা and  হেলা are not of ছান্দস origin, and they were only adopted in Classical Sanskrit from প্রাক্ত; words with  ফ initial are suspected to be non-Aryan in origin;  ফাল,  ফেন and  ফল are the only words which occur in the Vedic language, of which  ফেন
alone belongs to the Aryan stock, being perhaps a decayed form of spena. I notice here that in the Northern and Eastern Bengal, the general tendency is to pronounce the initial ए of even the तंगम words, as ए, and so केशव, केशव, देश, देश, देश, देश, शेष, शेष, etc., are pronounced with ए initial.

ए as a single letter, and as an adjective, taking indicative particles as टी or ठी, or particles of emphasis इ or ओ, or being joined to other altogether separate words as रूप, रूप, बकल, बकल, etc., retains its Sanskritic sound. The initial ए sound in a monosyllabic word, where the final consonant is हस्त, is pure; compare टेर (to perceive) and टेरा (one who squints) and टेर (much) and टेरा (clumsy as in टेरा सह). When however the final हस्त consonant is nasalised, the normal ए sound will prevail, as केक (a sound), खेक-शियाल, खेट (sumptuous feast), बेञ्ज़, चेञ्ज़ (a fish), टेक, ठेक, पेन, पेन (slow teasing murmur), etc.

The words which are designated by some as तंदरब, including the अग्निः words, are subject to the rule governing the indigenous words. In Sir Rabindranath Tagore's highly suggestive work शक्तितत्त्व, the rule regarding the Sanskritic sound of ए, where normal Bengali sound might be expected, has been very nicely enunciated. His statement, that the ए sound when followed either by इ or उ sound, does not change into ए, is quite correct, the other rule formulated by him as noted below, should also receive universal acceptance. When the प्राक्रत or अग्निः or देशी root or stem of a word has an initial इ, the word derived from it with an initial ए will be pronounced with pure ए sound; केना begins with pure ए sound as the original stem or root is किन् (compare the forms किनिलाम, किनियाछिल, etc.), while बेढा having बेढा and
not बिक्रय for its origin, is pronounced otherwise; बेरा from दिश्र (cf. दिश्र; दिश्र), चेरा from चिर (cf. चिर), मेळा from निश (cf. निश) and मेळा from निश (cf. निश; निश) are some examples. मेळा from निश may be contrasted with मेळा (many) which claims no root having the इ initial. This will give us a clue to see that एम, केमन, बेला, etc., are not the direct descendants of इदनु, किम, क्रोड़, &c., but are derived from the Prakrt forms एम, केमन and बेला respectively. It is to be noted that when 'इ' as a particle of emphasis, comes after the ए sound (ए-इ), the normal pronunciation is not changed; in ए, कि? however, ए is an independent word and so it retains the Sanskrit sound. Those who resorting to an unscientific method, do not keep इ and ॐ indicating emphasis, distinct and separate from the words to which they are joined, must see on looking to the two foregoing forms, what a confusion may be created by their wrong spelling; if इ of emphasis is joined to हस्त-क—final of the word एक in the shape of इ-कार, the two forms illustrated above will be identical. It becomes physically impossible to make इ or ॐ indicating emphasis, an inseparable part of such following words as तुम्हि, से, आलो, etc., and one is bound to write तुम्हि-इ, तुम्हि-ऑ, से-इ, से-ॐ, आलो-इ, आलो-ॐ, etc.; why then such an exception should be made as to spell कोनो for कोनो when the emphasis itself is drowned in the new spelling, is difficult to understand. It must be pointed out, in this connection, that though ब्र is not pronounced as इ+ॐ, the sound इ is in our ears unconsciously, as it were since the general rule governs our pronunciation of such following words as केमन, खेन्नल, चेयारु (chair), तेयाग, देयाल, देयान, पोयाला, शेयान्, खेयालि, etc.

Visarjaniya.—Neither the sign nor the sound of it was in use either in Pali or in the later Prakrt speeches; properly speaking, we do not use it in Bengali, and only three or four Sanskrit words as are spelt with visarjaniya, have
been adopted in Bengali; these Sanskrit words again, are pronounced in the very fashion in which they were pronounced by the speakers of the ancient Prākṛta tongues; ছঃ, is pronounced as ছঃ and নিঃখাস as নিঃখাস. Some of our Pandits in their zeal and eagerness to give the Bengali language the sort of dignity which Æsop’s jackdaw sought in the land of fables in dim backward of time, persuade us in vain to believe, that it is not মন but মহ which is the original word with us. They forget that we have borrowed মনোহর, মনস্তাপ, etc., in their entirety from what is called the Sanskrit language, and not that we have made euphonic combinations of মনোহর, etc., in our current speech, following the stringent Sandhi rule. The Sanskritists of the olden days borrowed মনাঃ ungrudgingly from a Prākṛta speech, and মনচার is not found fault with, though চার is a Sanskrit word; why should then our Pandits shy at মন-কঠ or similar other forms in Bengali? Our natural sound has a history, and it cannot be obliterated. I may notice by the way (even though it is a digression) that in the Vedic speech we can notice a simple মন by the side of মন, as disclosed by such a term as আনন্দ signifying—having the mind or disposition to be friendly.

The nasal sound—The sound of the full-bodied final nasal is what may be represented by অন্ধ্বর; it is something like অ-ঙ্ঙ in Bengali while it is অঙ্গ in Sanskrit. In Telegu and Tamil there is an indigenous অঙ্গ which is articulated as a final nasal at the end of all words, which are nouns. The Andhras and the Tamil people have not got the half-nasal अङ्क in their script, and they do not also utter the sound involved by it; they have an abundance of ‘am’ and ‘un’ as terminal endings, but the half-nasal is altogether wanting. As the Mongolians are notorious for their excess of nasal sound, we cannot attribute the
inability of the people of Eastern Bengal to utter the half-nasal sound to Mongolian influence. I may note that the half-nasal or \( \text{ŋ} \) is freely used by the people of Assam. The absence of the half-nasal must therefore be due to excessive Dravidian influence, in Eastern Bengal.

\( \text{ঋ} \) and \( \text{ঋ} \)—which are not strictly speaking independent letters, but indicate only the sort of nasal sound which must be generated, when occurring in conjunction with the letters of \( \text{k-বর্গ} \) and \( \text{চ-বর্গ} \) respectively, have now lost their original sounds. \( \text{ঋ} \) and \( \text{ঋ} \) are pronounced almost as \( \text{সঋ} \) and \( \text{বঋ} \); the full sound of \( \text{ঋ} \) is always subdued in \( \text{গলা}, \text{রঙ}, \text{লঙ}, \text{মঙ}, \text{নঙ} \), etc. When \( \text{ঋ} \) sound comes first and the letters of \( \text{চ-বর্গ} \) are pronounced next, \( \text{ঋ} \) is pronounced as \( \text{ন} \); \( \text{ঋঋ}, \text{ঋঋ}, \text{ঋঋ}, \text{ঋঋ} \) are pronounced as \( \text{অন্থল}, \text{বান্ধ}, \text{অন্ধন} \) and \( \text{বন্ধন} \). When \( \text{ঋ} \) comes after \( \text{ঋ} \), the sound becomes peculiar; \( \text{ঋ} \) which is no doubt a variant of \( \text{ঋ} \), is replaced by \( \text{গ} \), and the final nasal is uttered as half-nasal; \( \text{অঝ-ঋ} \) \( \text{অঝ} \) and \( \text{ঋঋ-ঋ} \) \( \text{ঋ} \) are pronounced as \( \text{আঝ-গে} \) and \( \text{গ্তে} \) in Bengal and Orissa.

\( \text{ঋ} \)—which is never sounded correctly in Bengal, and it is useless as a letter to spell the indigenous Bengali words. The use of \( \text{ঋ} \) is limited within the sphere of spelling the Sanskrit words. It is worth noting, that though in the sea-board districts of Orissa, and in the eastern Garjat states, \( \text{ঋ} \) is pronounced with considerable distinctness, the Oriyas in the Sambalpur tract, do not pronounce this letter, unless they are forced to produce the sound in schools, by abandoning their natural \( \text{ন} \) sound. Though we get enough of \( \text{ঋ} \) in the script, representing \( \text{মাগধ} \) speech of old, we notice the rule in the \( \text{প্রাক্ত} \) Grammar by Hem Chandra that \( \text{ন} \) takes the place of \( \text{ঋ} \) in the \( \text{মাগধ} \) \( \text{প্রাক্ত} \). This is a very good evidence of the fact, that we have been pronouncing the cerebral \( \text{ঋ} \) as \( \text{ন} \) since long; \( \text{ঋঋ} \) (to dig) comes from the \( \text{প্রাক্ত} \) word \( \text{ঋঋ} \), and
hence a half-nasal and the cerebral \text{锺} have evolved out of .preventDefault() sound. In \text{ㄩ}, or \text{ㄓ}, for \text{ㄆ} and \text{ㄈ} the cerebral \text{锺} has been substituted to represent the cerebral sound. The initial \text{ㄩ} of \text{ㄩ}, comes from the tendency to pronounce \text{ㄆ} for \text{ㄆ}; it is no doubt a rare tendency, but it is noticeable in the pronunciation of \text{ㄆ} for \text{ㄆ}, by some villagers, who attempt at Sanskritic pronunciation. I may notice, that the Iranian pronunciation of \text{ㄆ} was \text{ㄆ} in near approach of the old Vedic pronunciation of the vowel \text{ㄆ}.

As we do not pronounce \text{ㄆ} and identify it with \text{ㄆ} of \text{ㄆ}, we do not keep the \text{ㄆ} separate from it, and compound it with \text{ㄆ}, which is the nasal sound of the letters of \text{ㄆ}; we write and pronounce \text{ㄆ} \text{ㄆ}, \text{ㄆ} and \text{ㄆ}; this practice has been in vogue since long, as we meet with the above sort of spelling in ancient epigraphic records; I think this wrong use should be avoided, as it is necessary to know, which nasal sound is appropriate to which class of letters. We meet with such wrong spelling of words as \text{ㄆ} and \text{ㄆ} in the old epigraphic records of East Bihār, Bengal and Orissa. The people of Orissa, pronounce \text{ㄆ} and not \text{ㄆ}, and even now write \text{ㄆ} for \text{ㄆ} in rural districts; it is noteworthy, that in some parts of Bengal \text{ㄆ} is pronounced as \text{ㄆ} and \text{ㄆ} as \text{ㄆ}.

It is significant, that when \text{ㄆ} becomes a \text{ㄆ} or nasal adjunct of a consonant, it is not at all pronounced in Bengal, and the consonant with which it is compounded, is pronounced as if it is duplicated; \text{ㄆ} and \text{ㄆ} are pronounced as \text{ㄆ} and \text{ㄆ}, while our silent \text{ㄆ} is distinctly pronounced in all other parts of India including Orissa. In some cases, it is noticed, that the consonant to which \text{ㄆ} is conjoined, is dropped altogether, and \text{ㄆ} is alone articulated; as from \text{ㄆ} the word \text{ㄆ} has been
derived. It is worth noting here, that this particular word “मशान” as the अपद्रंश of मशान, is in use in some parts of Western India as well; the Pali apabhransa form was “मसान,” from which our “मशान,” has originated. I may notice one अपद्रंश of this class, which is in common use all throughout Northern India: श्र is first reduced to मक्त and then to मज्हू in old Prakṛta, and from this मज्हू the forms मोच and मेछ came into use, and are still in use in some modern Vernaculars. I have shown in a previous lecture, that the peculiarity here noticed, is fully in accordance with the rule of grammar, as obtains in the Dravidian speeches; according to this rule, the initial letter of a word can never be a compound letter, and that double or triple consonants of different vargas, cannot occur anywhere in a word. The word ज्ञान (ष-ञान) has the pronunciation of ‘गान’; but when the compound letter is a medial as in धर्म ज्ञान, the pronunciation will be ‘धर्म-मा-ग्गान’ without any nasal sound.

व, र, ल, ब.—Though these letters are regarded as consonants, their real character as compound vowels, has always been admitted by the old Sanskrit Grammarians. That व is a compound sound of ए + अ has been pointed out before. As व is pronounced as श in Bengali and Oriya, special mark has been added to the letter to signify the ‘y’ sound. It is worth noting, that in old Prakṛta speeches, we get ज for व and योवन for instance was pronounced as जोवन.*

* In Bengali as well as in Oriya, व as an initial or taking another व as a सा is uttered as ज and in any other situation, it is व as a rule. In Oriya, I could notice a single exception to the rule in the pronunciation of वष्ण which is pronounced as वज व. That this general rule, I have stated obtained in old Prakṛta, is pretty well known. It is noticeable in later Māgadhī speech, that the name जालि for example has been spelt with the usual ज initial, while this word occurring after उष or rather compounded with उष, उपरालि has been the form adopted.
The reason why I take up to discuss the sounds of the vowel \(\text{اث} \) and \(\text{س} \) along with the discussion of the value of \(\text{ر} \) and \(\text{ل} \) will be clear from the remarks I offer hereunder.

I should explain that \(\text{ر} \) originated from the compounding of \(\text{اث} + \text{س} \). It may be gathered from the Prāti-sākhya (Rk. Prā-8-14; Atharvan. Prā-I. 37, 71) that the sound of a liquid was the final sound which \(\text{اث} \) produced. Again we get in the Vājasaneyi-Prātisakhya (IV. 145), that the initial half of \(\text{اث} \) had almost an \(\text{س} \) sound. The Punjab frontier tribes pronounce \(\text{اث} \) as \(\text{س} \); the old Iranian pronunciation of \(\text{اث} \), as may be detected in Avesta literature, was \(\text{س} \) and \(\text{س} \) at times. We may notice that in ancient Prakṛta, विकट became a variant of विकृत, कठ became कठ and मृत became मृत; this shows that \(\text{اث} \) had once the initial \(\text{س} \) sound. The vulgar tendency to reduce ग्रह to वेब्रट and the pronunciation of रुङ्ग as केयो, and of रुङ्ग as वेब्रो (as in वेब्रो-चुग्ग) remind us of the old Iranian pronunciation of \(\text{اث} \). In the Rangpur district, the letters अ and \(\text{ر} \) are interchangeable, when they are initials; this tendency is not wholly unknown among the populace in central Bengal as well. That the Prakṛta forms with अ and \(\text{र} \) finals, were reduced to forms with \(\text{ر} \) and \(\text{س} \) finals may also be noticed, though in this case, the flat and boneless Prakṛta forms were really given stronger or more easily-pronounceable forms; thus we get तुनिं, from मुनिं (gen.) and गर, from गड (गो). We may further notice, that when \(\text{र} \) is the adjunct to an initial letter of a तंत्र word, the sound ऐ is induced in pronunciation: प्राम, परम, प्रहलाद, र्र, etc., are reduced to प्राम (पराम in H.), परम (परान in H.), प्रहलाद (पह्लाद in H.), र्र (र्र in H.); contrast the forms मित्र, समुद्र, बस्त्र, etc., from मित्र, समुद्र, बस्त्र, etc., where the letters with \(\text{र} \)-adjunct are not initials.
LECTURE VI 95

UK. It becomes perfectly clear from the Pratisākhyanas, that the Aryans in India were settled in their pronunciation of श as 'ri.' Adverting however to such abhramśa forms as बुद्ध from बुद्ध, उद्ध from उद्ध, etc., some scholars have wrongly asserted, that the Dravidian pronunciation 'Ru' for श was in vogue in Northern India, when Pāli prevailed as a Northern Prākṛta speech. They have failed to see that only when the sound of श had to be harmonised with the dominating उ sound in a word, that this vowel sound उ took the place of श; we get द्वि or द्वि from द्वि where neither द nor उ sound has to be assimilated; from श्यि however, we get इष्यि, while from श्यत we get 'उत्त' because of the final उ sound. व (v) is compounded of उ and व; so the vowel श conjoined to the accented व (v) changes into उ; thus we get रुक्ष, बुज्ज, बुज्ज, बुज्ज, बुज्ज, उत्त, etc., from रुक्ष, बुज्ज, बुज्ज, बुज्ज, बुज्ज, उत्त, etc. When however the final उ is not accented, and the letter joined with श is accented, श is not reduced to उ; for example, न्तत has been reduced to मच्छ, because of the accent on श of म preceding a compound letter.

ल—Grammatically considering श generated ल, but this vowel never got any prominence. We should not forget to notice, that there was a field of a very free interchangeability of श and ल in the Vedic as well as in the post-Vedic speeches of the Aryans; this being an essential feature of the Dravidian speeches, the Dravidian influence in this matter as well is generally formulated. An additional 'ल' as a mixed sound of 'ल' + 'ठ' occurs in all the Dravidian speeches; this 'ल' producing a cerebral sound, is in full use in Oriya and Mahrathi. Though this letter did not get admittance into the Vedic alphabet, the transformation of ल into 'ठ' is recognised in the Vedic Grammar; we meet with the Vedic phonetic rule, that when 'ल' occurs between two vowel sounds, the letter may be
optionally pronounced as ‘ল’ or ‘ড’ and so ‘ঈ’ লে may be uttered as ‘ঈডে.’ We have not got this cerebral in Bengali, but there are a few words in Bengali, which disclose the transformation of ‘ল’ into ‘ড’; তাড়ি (to-dy) the juice of তাল (palm), may be an imported word, but কুড়ি from কলি (bud), মুড়া (extremity) from মুল, পাড়া from পলী (village), শিকড় (on account of the chainlike ramifications of the roots) from শিকল (—ক্ষণ, প্র. শিক্ষা এবং শিক্ষাট্টক) etc., are pure Bengali words. These forms, however, should not be confounded with those in which ‘ড’ or ‘ঢ’ has originated from ‘দ’ or ‘ঢ’.

Though ব (v) has lost its position in the Bengali alphabet, its ব-সound is retained in many words of রা origin; শুরা from শুরাক, দেশার from দেশার, হ্রার from হ্রাস, ধাওয়া from ধাব, জোয়ান from জুরন, and সোয়াদ from সাদ, are some instances. It must be familiar to the students of প্রাক্তি, that at times no distinction is made between ‘ব’ and ‘ভ’ and that in the later মাগধী, ‘ভ’ as an adjunct to a consonant, drops out altogether; such as, শি is reduced to simple সি. The reduction of ‘ভ’ to ‘ব’ cannot be said to be due to Dravidian influence, as distinction between ‘ব’ and ‘ভ’ is strictly maintained in তেলেগু, তামিল, মলযালম and কানারেসী; but the dropping out of ‘ভ,’ when it is an adjunct to a consonant, can be explained by the rule of the Dravidian Grammar, which does not allow consonants of different classes to form a compound. According to this rule, শি and বা of বাদ have to be reduced to শি or ছ and to সা or সা, if they are initial letters; but if they occur as medials, they have to become শি and শাসা respectively; compare the forms ছুই, and নোং, বাদ or সাদ on the one hand, and the p-unciation of the words অন্ধিত্যু অন্ধিত্যু and বঙ্গদাস (বিশ্বাস) on the other.

Consonants.—As the question of Dravidian influence is being considered all along, I should add here a few remarks
regarding the Dravidian alphabet system. In the Tamil script, we get only क to represent all the consonants of क-बर्ग and this क is uttered with slight variations to pronounce ख, ग and घ. The usual Tamil sound of क is almost ख to our ears. Similarly there are only ट, त and प for all the letters of their बर्ग or class. There is only one letter to represent ढ and ण and the sound of ट is peculiarly sibilant in all the Dravidian languages. In connection with the phonetic value of the Tamil consonants, a few remarks relating to the consonants of the Aryan speech, may be fittingly introduced.

From the admirable scientific analysis of the sounds of our letters, in old grammatical works, we get considerable information, regarding the genesis of the consonants. Professor Sayce, after considering the value of the grammatical works of the Greeks and other peoples, has rightly made this remark, regarding the Sanskrit grammar and phonology: "Far more thorough-going and scientific were the phonological labours and classification of the Hindu Prātisākhyas...........The Hindus had carefully analysed the organs of speech, some centuries before the Christian era, and composed phonological treatises which may favourably be compared with those of our own day."

That क changes into ग by slightly raising the accent (बाक् + अर्थ=बाग्न) and that ख and ग are but aspirated sounds of क and ग, need not be demonstrated; that ढ is a variant of क, छ is an aspirated sound of ढ, that ज and ण are always interchangeable, may be detected even on reference to the Sandhi rules. To serve the purpose I have in view, let me adduce here some examples from the Vedic or Chāndasa speech. From च्छ (glow of light) we get ृक and ृक, both of which are identical in form and
meaning, as র and ল are one and the same; we get also চিত্ত (to perceive), কেত (desire) and চেত (＝চিত্ত) lined together in one series. We may also notice, that from রোচ (bright with light) রোক (light) was derived; the later word আলোক owes its origin to রোক or লোক with an addition of আ as a prefix to the word. I draw the attention of the readers to the words তোজ (ভোগ), রুজ (রোগ), বিজ (বেগ) and ওজ, (উগ). Thus we see that the ক of Tāmil may fitly represent the whole series of letters of the ক-varga; similarly ট, ত and প may be made as the sole legitimate fathers of the letters of their class. That ষ is the same as চ may also be shown by phonetic analysis; in the old Iranian ছ, ষ and ধ were interchangeable.

The pronunciation of the consonants of চ class is nearly as sibilant in Eastern Bengal, as it is in the Dravidian speeches; to represent this sound in letters I write here ছ, ষ, য and झ as—scha, ssa, dza, zha.

That the letters ছ, ষ and झ were imported into the Tāmil script, some time after the introduction of what is called the 'Vatteluttu alphabet,' can be detected on comparing the modern Tāmil alphabet with the 'Grantha character' (prevailing now in Malabar) as well as with the Telegu script. The Telegu script, which agrees in the main with the Canarese, came into existence, at least as early as the 7th century A. D., since Hiuen Tsang speaks of the script, in the accounts of his travels in India. The epigraphic records show, that in the 6th century A.D., northern script was in use in the Tamilakam country, and that the modern Vatteluttu cannot be traced to a time earlier than the 8th century A. D. The Grantha character was introduced in the 10th century A. D., to represent the North Indian Alphabet completely. At this day, the speech of Malabar was identical with
the Tamil speech, and some letters from the Grantha script were adapted in the Vatteluttu. These remarks will be sufficient to show, that when the Dravidian people first adopted the Northern script, they could, if they liked, introduce all the letters of the North Indian script; they elected to adopt a limited number of letters, so as to represent their natural sounds, they did not require all the letters for their use.

What I have stated in the previous lecture, of the origin and character of the cerebral letters, may just serve the purpose we have in view. I proceed now therefore, to consider the sound value of the sibilants and of the letter  \( \phi \).

S.—It appears that  \( \delta \) was derived from sibilant  \( \chi \) which is intimately connected with  \( \theta \) in the matter of origin;  \( \lambda \beta \) is pronounced  \( \lambda \gamma \eta \) in the U. P. and in Orissa, and  \( \theta \) represents  \( \delta \) in many speeches in Western India; in the Canarese script  \( \delta \) is written by giving one additional stroke to  \( \theta \). Since  \( \chi \) in the Vedic speech, became  \( \chi \) in early Sanskrit, to signify small (as in  \( \chi \)  \( \chi \) =  \( \chi \)  \( \chi \)), we may safely assert, that  \( \chi \) was pronounced as  \( \delta \) in very early times, and this peculiarity is not due to corrupt pronunciation in Bengal. We must not forget, that in Pāli and in the later Prākṛta,  \( \kappa \theta \) was written to represent  \( \chi \) as well as  \( \theta \), occurring after a विस्तार्यायू.  \( \delta \) is clearly pronounced as  \( \delta \) in Bengal and is never reduced to the sound of  \( \delta \). The sound of  \( \delta \) prevails in our speech, and this  \( \delta \) is pronounced as  \( \delta \), only in some cases where compounded with  \( \beta \) and  \( \lambda \), as in  \( \delta \delta \) ड्री, अश्लै, etc.  \( \delta \) is pronounced as a dental only when compounded with  \( \beta \) and  \( \lambda \). For purely Bengali words  \( \delta \) is the only sibilant that can be used.

Let me notice here some words of onomatopoetic origin, in which besides other sounds,  \( \beta \) and  \( \delta \) played a
good part. ষ indicated a heavy and solemn sound, while ড় (ড় included) signified a roaring sound; রু and কং also conveyed or were made to convey a sonorous sound. বৃহ, বৃংহ, বৃংহতি signified the sound of a horse or an elephant; ঘোষ comes from ঘঃ (a heavy dull sound) + ঘ; ঘঃটি is composed of ঘঃ + ট (ট being the sound produced by striking something which is hard). Compare also the words মেঃ (‘মে’+ষ indicating sound), মেঃ, রূঃ, রেঃ, রাঙ্গী, মহিঃ, রোষ (রু+ষ), কাঙ্ঠ (কং or কণঃ sound +ষ), and ঘঃঃ (from the sound ঘঃঃ occasioned at the drying-up of water on fire).

In the Sanskrit language of a comparatively later time, as well as in the Prākṛtas, ড may be pointed out as the letter which has been used to indicate an awe-inspiring sound; সঃ+ড়=সঃঃ of the later Vedic speech, may also be noted. Our ঘঃঃ, তোঃ, দৌঃ, কড় কড়, হঃড় হঃড়, মড় মড়, etc., are examples in point.

হ and শ.—The aspirate sound of হ which has created the extra consonants খ, খ, ছ, ছ, etc., is not as is very distinctly marked, fully pronounced in Eastern Bengal; the subdued sound of it is something like অ—অ which cannot be properly pictured; হ as an initial letter, is very clearly pronounced in other parts of Bengal, but that there is a tendency to soften its sound when it occurs as a medial or a final, is to be duly noted. It is a peculiarity all over Bengal, that মহিঃ is pronounced almost like মহশই by dropping হ and by retaining a portion of the sound of the final ঃ or ঃ+অ; মহিঃ is pronounced as মেঃ by introducing the long ৃ sound compensating the loss of হ, and কহা appears in our speech and script as কওয়া. Even when we omit to write হ in such a word for example as ভাংর, our tongue glides a little over the হ sound, and thus we can distinguish this word in our pronunciation from তার to signify either ‘wire’ or ‘taste.’ When হ takes a ব-ফল, it is pronounced as হ-ফ in Bengali as well as in Oriya.
The pronunciation of घ or भात is not exactly ग or बात in Eastern Bengal, but is something like गज़-र or बाझा-त, while in Dravidian pronunciation, they are uttered as गर and बात. The non-aspirated pronunciation of झ, ध, ड, etc., seems therefore due to Dravidian influence. I remind you, that I noticed previously, the similar pronunciation of the people of Ceylon. In the Chittagong division of Eastern Bengal, however, the Mongolian influence has been so very much predominant, that in some points, regarding the articulation of sounds, the Dravidian peculiarities (though not obliterated) have been drowned; unlike their neighbours of the Dacca division, the people of the Chittagong division, breathe the '़' sound into क, ढ, ठ, त and प, and pronounce कात् (पात्), खलम (कलम), छुप कर, (छुप कर), etc.; not having done away with the original Dravidian influence, they do not pronounce घर and भात, but they pronounce them as गुर and बात by doubling the initial letters as it were.

Though the letters ॠ to ऌ are made markedly sibilants in Eastern Bengal, as they are done in the Dravidian lands, झ is seldom rightly pronounced by the ordinary people of Eastern Bengal; the reduction of ॠ to ऌ in Eastern Bengal (or more properly to a half ़ with a wavy swing) cannot wholly be attributed to Mongolian influence, since such a change of sound, may be noticed in other parts of Bengal as well; the word गोशाल has been changed into गो-हाल or गोशाल all throughout Bengal. In the Sambalpur tract, we hear सेउठि (there) for सेउठि of standard Oriya; this substitution of ह for ॠ is noticeable in Marhatti as well. I have already stated, that the sound of ‘ष’ predominates in Bengali; I should mention also, that Hem Chandra has noted in his Prākṛta Grammar, that ‘ष’ takes the place of ‘स’ all throughout, in the Māgadhi speech, though the representa-
102 BENGALI PHONOLOGY

tion in script of the Māgadhi Prākṛta, shows the use of
dental ṣ for the palatal श.

Non-हस्त final.—We cannot conclude without noticing a peculiarity in the pronunciation of a simple consonant occurring as a terminal in a word. On reference to the list of words arranged in pairs below, it will be observed that final letters of the first words of the pairs are pronounced as distinct syllables, while those of the second words of the pairs are हस्त or silent. भाल and बाल, ब्रत and मत (opinion), काल (black) and लाल, ग्रत and शीत, ग्रम्भ and शपथ, निहित and मोहित, constitute the short list in question, to illustrate roughly this peculiarity. Let us frame tentative rules, regarding the pronunciation of the simple consonants, when they are final. We must first note, that as a rule, the final simple consonants are हस्त in Bengali, unlike what the case is in Oriya; the following are the rules for what form exceptions.

(1) When the penultimate is हस्त, no matter whether the penultimate and the final are made into one compound letter or not in spelling, the final is bound to be pronounced as a distinct syllable, unlike what is the case in Hindi; शक्त, जव्द, कठ, etc., are examples. (2) The final simple consonants of the verbs in the Imperative mood, second person, are distinct syllables as in कर्, बल, चल, etc., where the imperative-indicating final ह has now been dropped; when the expression is either non-honorific or highly honorific, हस्त sound prevails,—as कर्, बल, चल, etc. and करन, बलन, चलन, etc. (3) (a) When the final letter is the representative of a compound letter of the original word, or (b) where the final letter of our vernacular word has become final by the decay of a syllable or of some syllables, ब्रण्ण pronunciation prevails. It is not asserted, that in all cases of such origin of words, the final simple consonant,
must as a rule be pronounced as non-হস্ত; what is pointed out is, that where the normal হস্ত pronunciation is deviated from, the words disclose the history of their origin as formulated above. তাল (from ভদ্র=ভদ্র), এত (from এতাবৎ), বার (from গাদেশ=বাদুশ), etc., are some examples. Contrast খাল, ঝাল, এক, তিন, সাত, দশ, etc. Notice also, মত (like) decayed form of our vernacular মতন and মত (opinion). It has also to be noticed, in the history of such words as ছোট, বড়, ভাল, etc., that their earlier forms were ছোটা, বড়া, ভালা, etc. কাল=black is pronounced as কাল in Eastern Bengal, and this form কাল obtains in Upper India. It is further noticeable, that আ, like ই-আ and উ-আ is found conjoined to many noun stems, to indicate the adjective forms of the nouns; we are not, however, concerned with that phenomenon here. (4) The participle-forming ত (but not ইত) is pronounced as a distinct syllable, as কৃত, ক্রীত, প্রীত, আগত, etc.; contrast with them রহিত, মোহিত, সহিত, etc. (5) The past-indicating শ suffix, which owes its origin to participle-forming ত, is pronounced non-হস্ত, as করিয়া, গেল, হইল, etc.; the ছ- ending of the suffix আছ (occurring in second person only) is also similarly pronounced, as আছ, করিয়াছ, গিয়াছ, etc. (6) When the initial letter is compounded with র or ল, and (a) vowels other than অ, do not come between the initial and the final, and (b) the consonant হ or ব does not intervene, the final letter is pronounced as a distinct syllable; e.g., র্ত, র্ত, প্রমথ (contrast with শপথ of হস্ত ending), শথ, etc.; but notice the হস্ত finals of (a) গাস, গাম, গান, গাণ, প্রসাদ, প্রদীপ, গোকে, ক্লেশ, ক্র্ত-ধীর, etc., where vowels other than অ intervene; mark again, (b) প্রহর and প্রবল, where হ and ব intervene. As an exception to the general rule, we get first, the word খ্রব, the final of which is uttered as a syllable; we notice the general exception, where ম is final; as খ্রম, স্ম, মন, etc. (7) The simple finals of the words of
two letters are স্ত্র, when the initial letter has হ্র for its adjunct; e.g., স্তল, স্বত, স্নু, সুগ, etc.; contrast with them the স্ত্র sounds of the finals of কৃষ্ণ, কুপণ, পৃথক, etc. (8) The finals of only a few re-duplicated words develop into স্ত্র sounds, when emphasis is put upon the words, as স্ত-চ্ছ in “কি স্তচ্ছই কর্ছু” and পড় পড় in ধরিনি পড় পড় হইয়াছে.

In the name of framing rules, the cases where স্ত্র pronunciation prevails, have been set out in a classified order; to frame regular rules, we have to find out the essential underlying cause or causes, governing the phenomenon. In rule No. 1, we observe convenience in the matter of pronunciation. In rule No. 3, we notice, that to compensate the loss of letters at the end, a স্ত্র sound is drawn long; this is virtually the guiding cause in rule No. 2, since কর, চল, বল, etc., are the reduced forms of স্ত্রহ, চলহ, বলহ, etc. As to other cases, I fail to enunciate any natural law, which causes the occurrence of the স্ত্র sound.

The scope of my subject did not allow me to notice the allied and cognate sound peculiarities as occur in other Aryan languages; I refer you however to a few Iranian peculiarities, just to suggest how wide our field of research is. In the first place we may notice, in connection with the sound of the vowel হ্র, that in Iranian, the radical ‘ar’ (হ্র) is reduplicated by ঈ; that the Indian sound of হ্র has always been ‘রি’ and not ‘রু, is clearly demonstrated by it. In the second place, we may observe without any reference to the ethnic composition in Iran, that ‘s,’ is generally reduced to ‘হ,’ which has been noticed as a special peculiarity in Eastern Bengal. In the third place, we may refer to the phenomena of Epenthesis and Prothesis, as occur in the old Iranian speech for comparison with
similar phenomena, noticed before. As an example of Iranian Epenthesis, we may notice that the Vedic भवति stands as Bava-i-ti in Iranian; by Epenthesis, I mean the introduction of anticipatory इ or उ in the middle of a syllable. As to Prothesis, i.e., regarding the introduction of an anticipatory इ or उ, initially before a consonant, we may cite the example of इ खण हति which corresponds to Vedic खणकि. Many other Iranian peculiarities, as agreeing with some provincial peculiarities in India, may be studied very profitably by the Indian students of Comparative Philology.
A Comparative Study of Accent

The term *aksara* (literally "undying," i.e., the ever-living and essential factor in human speech) signifies a letter as well as a syllable in the Vedic and so also in the later Sanskrit language. Different sounds of letters coalescing themselves in euphonic combination, and consonants unvitalized by vowel sounds, being joined to other consonants, generate compound letters; these compound letters, as well as the simple letters, being so many independent syllables in a word, must be separately pronounced. No doubt, in this method of pronunciation, we find the Vedic in agreement with the Sanskrit speech, but we have to notice that in the matter of accent, Vedic language differs very widely and radically from Sanskrit. In the Vedic language, the vowel sounds were not so very rigidly and unalterably fixed as long or short, as they are in Sanskrit; though, no doubt, a definite value is found assigned to each and every vowel, we can clearly see, on reference to the *pada-pātha* system, that the accentual stress of उदात्त, वरिः, and अनुदात्त, change what may be called the normal sounds of the vowels.

We have to first notice, that the final vowel of many flexional endings and of several adverbs, is given by the text, sometimes as short, sometimes as long. We have to notice next in the Vedic accent system, that not only the syllables, the words, and the phrases, but even many sentences are found accented. This fact, which discloses
the living character of the speech, may be studied in the excellent analysis and discussion of the matter, in Prof. Macdonnel's Vedic Grammar. It may no doubt be said of the Vedic verses, that the general rhythm of versification is not affected by accents; but that because of musical stress and accents, the verses are not lifeless quantitative ones (as in Sanskrit), should be duly appreciated. Since it is a fact, that natural gestures and modulations of voice, which contribute to the growth of the human speech, do survive as living factors in some proportion in each and every developed speech,—since it is undeniable, that every real and living speech must have an accent system of its own, a few examples of the Vedic accent should be adduced here, to form some notions regarding the Vedic, as well as the post-Vedic classical languages. Before citing the examples, I should note that उदात्त (as the meaning of it indicates) is the high accent in the Sāma Veda, while as a later innovation, स्रिं of the next grade, is the high accent in the Rg veda; it will therefore be convenient to name the grades of accent by high, middle and low pitch or accent.

The first example I cite, is to show how by change of accent, a Vedic word changes its meaning. If the high accent be put upon र of राजपुत्र, the word will mean (being constructed as बहुरीहि) 'a person who is the father of sons who are or became kings'; but if the last letter र is accented, the meaning will be, in the तंगुरुष compound, 'the son of a king.' For a similar change of meaning in Bengali, let me cite a few examples: if the Bengali word কলম is accented on the first syllable ক, the meaning will be 'a graft,' but with accent on the last syllable লম, it will mean 'a pen.' How because of change in pronunciation, occasioned by difference in stress, a word varies in meaning, should be studied to realize the importance
of accent in Bengali. Cf. আটা (flour) and আটা (gum), কড়ি (beam) and কড়ি (shell), কানা (blind) and কানা (edge), খোলা (open) and খোলা (tile), ছোড়া (boy) and ছোড়া (to throw), গেরা (a knot) and গেরা (as derived from গহ signifying ill luck), চান (a bath, derived from স্নান) and চান (he wants), ঘাট (bathing place) and ঘাট (dereliction of duty), etc. Notice again, a case of accent where gesture becomes partly prominent. If a smell be pleasing, the word for our agreeable sensation will be normally accented, and the word গহ will be accented on the first syllable, but our feeling of disgust about bad smell, will be expressed by putting a long accent upon the last letter, without any qualifying adjective being added: the utterance গহ-অ-অ is sufficiently expressive. To express agreeableness, the particles of interjection in Bengali, are accented closely on the letter when the particle is of one letter, and on the first syllable, when the word is of more than one syllable; while on the other hand, in expressing our painful feeling or feeling of disgust, the accent is on the last syllable, and when the interjection is of one letter, the accent is put in such a manner on the letter, as to generate an additional syllable with a drawl sound upon it. For example, in expressing the feeling of admiration, the first syllables of বাহ্যা and বাপুরো will be accented, and a close accent will be put upon the letter বা; on the other hand বাপুরে (not as exclamation of admiration), is accented on the last syllable, to express the feeling of pain. Similarly আ! gets a broad accent, generating a drawl, to express pain or disgust. It may again be noted, that বাহ্যা! will be something like বা-হাও-বা, with accent on the second syllable, when there is a banter in the tone; to signify such a sentiment, the interjection বা will be so modulated, as to make it a word of three syllables, with two আ sounds. This is difficult to express in script. We may consider
also, that the emphasis-indicating ‘very much’ tends to duplicate the final consonant of a word; अत्तृत from अत and एत्तृत (so much!), एट्टू (very small), कोट्ठाओ, गोछा from गोछा, छोट, झिक from बुंकि or झोंक, धाक्का and धकल, फक्का from फांका, बड़ा, बर्न्नबर from बका, रग्गा from रोगा, रंति, as in एकरति, from रति, and सुक्काल बेला (very early in the morning) are examples. We may compare similar forms in Oriya of Sambalpur, as कडूडा (to fry) to indicate बेशी खड़ खड़ करे भाजा (to make crisp by overdoing), and मेछ्छा (for मेछ्छा = moustache) मुकच्छ (twirling) to express one’s defiant attitude.

For my second example, regarding Vedic accent in metrical composition, I quote a Vedic verse, which is full of emotional sentiments. In this verse, the mixed feeling of eager solicitude and despondency has been expressed. The first portion of the first verse of the 95th Sukta of the 10th Mandal, which is addressed by Pururavā to his fugitive wife Urvasī, on meeting her accidentally, stands with accents as follows:

"होये जारे ननसि तिष्ठ दोरे
बचांशि मिष्ठा रुणबाबवहेंसु"

We cannot fail to notice, that many long vowels have been made either short or semi-short, with accents of lower grade upon them, and the short syllable न in ननसि has a high accent on it. How on account of the subdued utterance of ‘होये,’ and a high accent on the final syllable of ‘जारे,’ the feeling of coaxing with fervour, has been expressed, may be explained and appreciated, if in the first place, the verse is correctly recited, and in the second place, we carefully consider, how to express this very sentiment, we accentuate our words and modulate our voice to-day. If we translate होये जारे by ‘डेगा उर्कही’ or by डेगाओ, we can
see that to express anxious solicitude or cajoling, we have only to half accentuate ओगा, but have to fully accentuate न of उर्ध्वी, or the last ओ of ओगा, with a peculiar modulation of voice. This thorough agreement of Bengali accent, with the Vedic, in this particular instance, may be merely a chance agreement, but all the same, it is interesting to note, that in Hindi, as well as in Oriya, the method of accent is different. In the corresponding Hindi form of the expression, as ते उर्ध्वी or तैरे पीरेरे, the interjection दुरे will be pronounced with high accent or great emphasis; similarly 'द' of ए उर्ध्वी or ए धन of Oriya idiom, will require the high accent to be placed on ए. Even though ओ comes before a name in the vocative case in Bengali, the name itself is modulated peculiarly, to signify address, and the interjection portion is not so vigorously pronounced, as it is done in Hindi; the forms, राम हो (Hindi) and है हो राम (Sambalpur Oriya) may be compared with our corresponding Bengali form. In the Nepalese, ए must invariably come before a word in the vocative case. When thus noticing different accentual peculiarities in the vocative case, I should note, that in the Dravidian speeches, interjections do not occur before the words in the vocative case.

The third example, I cite for Vedic accent, relates to the pronunciation of the word Agni, as occurs in the Śāma Veda, the Maitrāyani Śamhitā, and the Kāṭhaka Śamhitā; we find the high accent placed upon the compound letter गिन (i.e., to say upon the final न) and not upon the initial अ, which alone should be pronounced long in the Sanskrit language. That with this very accent on the second syllable, the word अग्नि was pronounced in our oldest-known प्रक्रत्त (misnamed Pali), may be gathered from some facts which I should notice here. We get गिनिन and अग्निगि, as two different decayed forms of अग्नि in the aforesaid प्रक्रत्त; they represent presumably, two different provincial forms.
of the old time. We can clearly see in the history of the word गिनः, that on account of accent on the last syllable, the unaccented first syllable dropped out, following the natural rule of phonetic decay. In our consideration of the form अग्नि, we first notice, that according to our previously formulated rule (stated in illustrating the Dravidian influence), the second syllable has been doubled, as letters of different वर्ण cannot form a compound; the word is therefore, more in a changed form than in a decayed state. As to the pronunciation of it, I refer to a line of a verse composed in इंद्रव्रज्ञ, as occurs in the Thera Gāthā: —अग्नि यथा पञ्चजङ्गलो निन्दीथे (like the fire blazing in the midnight). The metre here is only seemingly faulty, as the second syllable of अग्नि is not long; but if we accept the proposition, that the short syllable in question has a high accent on it, it will be admitted that the accent makes up for the shortness in question.

We notice, both in the so-called Pāli and the later Prākṛta dialects, that their speakers changed the spelling of the words according to accent and pronunciation, but did not introduce like the Dravidians, such additional vowels as short ए and short ओ. The fact however, that long and short vowels were articulated short or long, following the natural accent, can be easily determined by referring to the prose composition with which the Prākṛta literature abounds. Professor Pischell has rightly asserted in his work on the Prākṛta Grammar, that the Vedic accent or tone did not die out, but existed in the so-called Pāli Prākṛta. The learned scholar came to this conclusion, by looking deep into the causes, that led both to the phonetic decay and the accretion of new letters in the Pāli words. Professor Jacobi, misled by the modern artificial method of reading Pāli, has criticized this view, and has asserted, that the Vedic tone did not survive in the Pāli speech, but only
it was a sort of *stress*, that was in use in the utterance of words. We must remember, that accent is a thing of hard growth and cannot die out easily. By the introduction of new racial elements, the old accent system of a speech may undergo some change, but the system itself is not wholly effaced.

We have seen, that a very regular and thorough-going accent system prevailed in the Vedic speech; we have also seen from an example of a Vedic verse, that emotions were freely expressed in the Chândasa speech, and in consequence thereof, the vowels could not be kept rigidly fixed in their long or short pronunciation. It is on the other hand perfectly clear, that the Vedic text for illustration (beginning with हरे जारे, etc.) will be a lifeless quantitative verse in Sanskrit, requiring artificial and meaningless raising and lowering of vowel sounds in the following form:

\[ \overline{---}, \overline{--}, \overline{\cdot\cdot\cdot}, \overline{--\cdot--}, \overline{\cdot\cdot\cdot\cdot}, \text{etc.} \]

We should not however overlook, that inspite of rigidity of rules, we have to put different stress upon different words occurring in a Sanskrit verse, when there is a feelingly recitation in contradistinction with what may be called metrical articulation. No doubt, we can see, that this sort of putting emphasis upon phrases, is not due to the living character of the language, in which the poems are composed; there are many good Sanskrit verses, wherein we find, that their poets by virtue of their skill, have arranged the words of long vowels in such a manner, that the feelingly expressions may be appropriately brought out, by putting emphasis upon the long vowels only: The example of the verse in the नीतिशचक, beginning with निन्दक्त नीति विपुल, यदिव जवल, is in point. This is rather infusing life in dead bones.
I have judged here the Sanskrit language, by taking the question of accent only into consideration; other facts, as are necessary to be discussed in determining the character of a language, will certainly be discussed relevantly in a subsequent lecture, but we should not forget, that accent is the life breath which vitalizes the words, and a speech without accent is a contradiction in terms. We have seen from the accent point of view only, how unnaturally rigid the Sanskrit language is; we will see on references to other facts, that this artificial rigidity is due to the fact, that Sanskrit had to accommodate itself within a frame-work of generalized rules, which some mighty grammarians constructed in their zeal to perpetuate linguistic purity, when in consequence of a natural change, the speech of the holy Vedas was transformed into a new popular speech.

I should mention in this connection, that some persons are very wrong in their opinion, that such a living speech as Oriya, is without an accent system. The misconception is due to the fact, that in Oriya, as in Sanskrit, all the letters are pronounced as distinct independent syllables. That in spite of it, the letters and words are accented by the Oriyas, without any reference to the long or short sound of a vowel, is instructive. I cannot deal with the Oriya accent system here; I adduce only one example to serve my purpose. গলা (gone) as an exclamation of surprise, will be articulated with accent on the first syllable, which is short, and the word will sound like গ-অ-অলা (Oh! it is gone), while the accent on the second syllable in similar feeling of surprise will bring in another গলা as a tag or accumulated unaccented letters, like a tag to the word, and the sound will be like গলা-অগলা. I should inform you in this connection, that in Oriya the final syllable of a word is generally accented and this is why,
(a) the final simple consonants are not pronounced ḍ̄ns, (b) ḍ̄ns has been reduced to ḍ̄n and the Apabhraṃśa form of kāṃṭha is kṣañ, and (c) the half nasal n̄ is placed on the final letters of such words as kāhī, vähī, etc.; it is noticeable, that when the Bengalis write the Oriya words kāhī, vähī, etc., they represent them as kāhī, vähī, etc.

In my general criticism relating to the question of accent, I have noticed many peculiarities of ours; I proceed now to consider some other marked peculiarities, as should engage the attention of all scholars. As a general rule, in our standard Bengali speech, the first syllables are accented, while curiously enough the last syllables are accented in Eastern Bengal. Mr. J. D. Anderson, late of the Bengal Civil Service, has written of late some very suggestive and learned notes in the J. R. A. S. on the character of Bengali syllable and accent. To the students of philology these original notes are of very high value. Misled by the wrong idea or information, that the people of the districts of Mymensingh and Dacca, have the tendency to make the first syllable accented, Mr. Anderson has compared the Assamese mode of pronunciation with that of Eastern Bengal, and has subjected the Eastern Bengal accent system to Assamese influence. As the case is quite the contrary, we must look to some other influence for this phenomenon. Let me just give a few examples as to how the words are accented differently in Eastern Bengal and Central Bengal. In Central Bengal, maṭha having the accent on the first syllable, the unaccented syllable is pronounced soft, and ḍ̄n sounds like ḍ̄; in East Bengal, however, maṭa, kaṭa, kera, etc., are the accented forms. With accent on the first syllable, the final ḍ of kōṃḍa is wholly or partially dropped in Central Bengal, while the accent on the last syllable in Eastern Bengal
LECTURE VII 115

brings out ঝা and ঙ distinctly. As a result of accent being placed on the first syllables, the unaccented second syllables of many words, have undergone a natural phonetic decay, in the common speech of the people of Central Bengal, and thus the unaccented ই sound in the second syllables of করিব, করিয়া and করিলাম have become extinct, and the forms করব, করে and করলাম have prevailed. As in Eastern Bengal the last syllables of আইল, আইস, etc., are accented, and the first portions must be uttered to come to the last syllables, almost no change takes place in those words; but when the first portions are accented, the two vowels আ and ই, coalesce and long এ, which is the combination of আ and ই takes the place of the first two letters; thus এল and এস take the place of আইল and আইস. In Manbhum and in some parts of Bankura, which are contiguous to the lands of the Dravidians, the last syllables are mostly accented; in the sentence তোমার বেটা বটেকু? (Is he your son?) the last syllables of all the three words are accented. Because of change of accents, বেটা is pronounced বেটা in Central Bengal. কুঁখ, the old Prākṛta or proto-Bengali form of কোথা still survives in Manbhum, partly because of the hilly accent, and partly because the accent is placed on the last syllable. It is notorious, that the last syllables of words are generally very much accented by the Dravidians. The final আ of foreign nouns are for this reason made into অi, as for example মণিমেঘলা becomes মণিমেঘলে. This is why the vulgar people in the South, pronounce the English words 'government,' 'and,' etc., as governmen-ta, an-d, as, etc. I have spoken before of the Dravidian element in Bengal; it is the excess of this element which I suppose to be the cause of Eastern Bengal peculiarity. In the Chittagong Division however, where the Mongolian influence is considerable, the first syllables are mostly accented vigorously, by almost duplicating
the accented syllables, and thus পাক, তোমার, etc., are reduced to ফাক, থোমার, etc.; but in other respects the widespread Dravidian influence of basic character, peeps through the thin Mongolian veil.

I have spoken before of the general disinclination in Bengal, of not fully articulating হ, when it is not an initial letter, and that thus we have got such forms as গাইতে, সহিতে, রহিতে, etc., for গাহিতে, সহিতে, রহিতে, etc. When the tendency to put the stress of accent upon the first syllable is coupled with this phenomenon, we see how তাহার and তাহাতে are reduced to তার এবং তাতে। That in spite of the decay of হ, the sound of the letter is partially retained in our tongue, can be detected in the mode of our pronunciation of those words, in contrast with the pronunciation of তার meaning taste or wire and তাতে, a verb which signifies “becomes hot.” Really speaking therefore, হ is not dropped, but its sound fades into indistinctness, after the accented তার; as such, it is improper and useless to leave out হ in our spelling in these cases; those who elect to pronounce তার for তাহার will do so in spite of the letter হ, for accent on the first syllable will soften the sound of the letter হ. The so-called reformers should see, that if হ is retained, it will not be sounded much because of the accent on the preceding syllable; again presence of হ will maintain the right pronunciation of the words concerned.
SOME FACTORS RELATING TO PHONOLOGY AND ACCENT

LECTURE VIII

SECTION 2

Bengali Metrical System

We should do well to proceed now to ascertain the character of the Bengali accent of olden days, by examining the metrical system, preserved in the poetical works of old Bengal. Adverting to the fact, that the early Vaiṣṇava poets of Bengal treated each and every letter as a syllable, and made the final consonantal sounds non-hasanta, by imitating the old fashionable poet Vidyāpati of Mithilā, many people have formed two wrong notions; one is that Bengali was derived from Maithili, and the other is that our mode of pronunciation and of counting syllables, was of the type presented by those poets. Mithilā became no doubt, at one time, a portion of old Gauḍa which extended to the foot of Nepal if not into Nepal itself, but the Maithili speech of the days of the Vaiṣṇava poets, had nothing to do with our Bengali language. As to elements, common to Bengali and Maithili, we have to look to the older Māgadhi speech of which, notice will be taken later on. From the earliest known time, our Bengali poets (excepting those who followed the Maithili fashion) have uniformly composed their poems, not by counting letters but by counting syllables. Looking to the fact, that the fourteen letters of the পার verse for example, are the same as fourteen mātrās of fourteen syllables, the পার may be seemingly regarded as composed of fourteen letters; but that it is a syllable (which may consist of more than
one letter) and not a letter which is the unit in a Bengali word, should never be lost sight of. How is it that consistently with or rather in harmony with the phenomenon, that our metrical system is grounded on a syllabic and accentual basis, a fixed number of letters come in a chanda, will be explained presently, after considering some facts leading to the point.

To explain the character of Bengali syllables, let me set forth some words with their syllable divisions by marking the syllables off, by the sign hyphen: মা-ঘুষ, আ-সামের, বন-ধু (বন্ধু), অ-হং-কার, etc., will show that there may be less number of syllables than the number of letters in a word. Mr. J. D. Anderson has rightly remarked with reference to our phrase accents as well as in respect to the syllables in a word, that this special aspect of phrase accent in a word, "is sufficiently dominant to be the basis of accentual verse in Bengali." Mr. Anderson has very successfully demonstrated what I once feebly pointed out in a Bengali essay, that the assertion of our Pandits, that the পুরো মেট্রে is not composed of syllables but of fourteen letters, is wrong. The two lines quoted by Mr. Anderson from Kṛttivāsa in J. R. A. S., 1913, 861, may be cited to show, that the lines of fourteen letters consist of twelve and thirteen syllables respectively, and that the verse moves on with syllables and not with letters. The lines, as accented by Mr. Anderson stand as:

ए'क-दिन शु’क्र गै-ल त-प’-हार क-रिते ।
हे-न का-ले द’ण्डा रा-हा गै-लेर्न प’-ड़िते ।

It will be noticed that it is the accent on ले of गैले in the second line, which has given the easy motion required by the rhythm, and by virtue of accents, lines of seemingly unequal syllables have agreed in the metre. I adduce now another example, to illustrate our metrical system.
Take first a line of verse which accommodates fifteen letters which coincide with fifteen syllables:

तुमি अति शिष्ट छेले कोथा याबे एकाकी?

Let us then notice, that maintaining this very metre, lines of fifteen syllables may be introduced in a verse, though counting by letters, the lines may contain twenty or twenty-two letters:

अ-धिन मा-देर को-रेर बे-लाय
बा-गान त-नर फु-प-रा
स-तेज श्र-मल त-रुर त-लाय
ग-श्रा छू-ल कु-ल-रा।

To indicate caesura, I have divided the lines above keeping eight syllables in the first foot. The first line of the verse contains twenty-two and the second twenty letters. Refer to whichever poet of the past time you please, excepting the Vaiṣṇava poets, who imitated non-Bengali forms, you will find that our verses are all based on accentual basis. I quote here only some lines from Dāsarathi Ray and Iśvar Gupta, who preceded our immortal poet Madhusudan.

থেছে কিনা মোচার ঘাল ঘাল লেগে বানরের পাল
আগ্নার গাল আগ্নি চড়া চড়ি।

If read according to the natural accents of the words, it will be seen that the syllables being taken as units, there are eight distinct sounds of eight letters in each of the first two feet, and sounds of ten letters occur in the third, fulfilling the requirements of number of letters for such a ত্রিপদী metre. Next after this verse of Dāsarathi, a verse of Iśvar Gupta in our indigenous রেফালুধু may be noticed.

"নানারকি নানা কেলে
নানারকি নানা কেলে রাজ্য পেলে
তাতেই এত জারি।"
Before proceeding to show, how from our indigenous songs which unmistakably disclose our accent system of old times, not only the literary Bengali verses but the Sanskrit verses as well originated, let me notice here the wrong opinions of some eminent Bengali writers, regarding the character of our versification. It has been wrongly held by some, that in the old poetry of Bengal, সঘ ঝং words practically do not exist. It has been wrongly asserted, that in our old poetry, natural accent was not cared for and the "unnaturalness of recitation was made up for by chanting the verses to a tune." This is only true of those writers, who imitate the old Vaisnava poets in the matter of their versification and diction, that an adventitious artificial jingle has been introduced.

In addition to what I have quoted from the old poets, I quote below another verse from Kṛttivāsa to substantiate my statement and to show the incorrectness of the opinion just referred to.

�তিকার পড়ে রণে রাবণ চিন্তিত

যোড়-হাতে বাপের আগে কহে ইন্দ্রজিং।

The word চিন্তিত rhyming with ইন্দ্রজিং leaves no room for even a careless reciter to articulate its final ত with a vowel sound; that যোড় and বাপের carry normal pronunciation, is absolutely clear. The supporters of the contrary opinion are found even to name অন্দ্রদাস্মনল of Bhāratchandra in the list of the delinquents, without noticing that if we leave a few artificial Sanskritic verses out of consideration, Bhāratchandra must be given the credit of having composed verses with words of common use with their natural accent. অন্দ্রদাস্মনল as well as his other works, abounds with verses like:

"ঝংকড় মাকড় চূল, নাহি আঁদি সাঁদি,
হাতঃ দিবে থুলা ওড়ে বেন কেরা-কাদি।"
When, more than fifty years ago, we read Madanmohan’s poem পাঠী সব, etc., we were not asked by our village teachers to deviate from the usual pronunciation, and did never read সব, রব, কুম্ব, রাখাল, গরুর পাল, শিগগণ দেয় মন, etc., with final অ sound.

Despite the fact that Madhusudan has drawn largely upon the Sanskrit vocabulary for some effect in the blank verse, his verses have to be read by putting proper accents upon the words. Is it not true, that far from imposing an adventitious artificial jingle upon our verse, and far from throttling our natural accented words to death, Hemchandra has made the Bengali verse to move with natural accent, with uncommon vigour and rapidity? I think I have made it clear, that Bengali words with their accent have always been used in our Bengali verse, and the exception to the rule has only been occasional, where there has been an imitation of the forms of some Vaiśnava poets. The imported metrical system of some Vaiśnava poets could never take root in Bengal.

I proceed now to show from the history of evolution of our metrical system, that the accent system which now prevails, has been the accent system of the Bengali-speaking people, from the time about which faint suggestions can only be made, by taking a stand at the shadowy threshold of dim past. The history of the evolution of human institutions has made us familiar with this phenomenon, that our verse with our metrical system owes its origin to tribal festive songs, which in their turn originated from primitive expressions of emotions. In its normal condition, therefore, no metrical system of any race, can have any other basis than an accentual one.

To ensure convenience, I refer first of all to such Sanskrit metres as are of undoubted late origin. মানবকা-ক্রীড়া is a হৃদ of late origin and its origin in Magadha-Gauda
cannot be seriously doubted. The hemistiches of one line of this verse are divided below by partition lines:

आदि गतं। तुर्ष गतं। पञ्च मकं। चान्त्या गतं।

Each hemistich is really a complete foot, and the characteristics of it are repeated in subsequent hemistiches. A portion of our nursery rhyme will be seen to be exactly in accord with it. It is as follows:

হাত পুকলে। নাড়ু দেব। নৈলে নাড়ু। কোথা পাব।

The apparent inaccuracy in the second hemistich of the first foot disappears if the স্রোত or tune underlying the Sanskrit as well as the Bengali verse is rightly caught. Uniformity in Sanskrit metre is maintained by the fixity of long and short sounds, while without following the Sanskrit rule, mere tune may maintain the purity of the metre with natural accent in the Bengali verse. Compare the same ছন্দ in another nursery rhyme:

ডালিম গাছে, ফিলপু নাচে; তাক ধিনাধিনু বায়ি বাজে।

It will be seen that how the four aksaras required in each hemistich in Sanskrit, correspond exactly to the four syllable-unit of Bengali. No one will venture to say, that our village girls or matrons imitated the মানবকারণী; that the Panjits utilised the indigenous chhanda for a Sanskrit metre verging upon মাত্রাবৃত্ত, cannot be doubted. When songs were composed with mātrās, numerous chhandas cropped up in Sanskrit, and the verses were set in indigenous tunes. To illustrate this properly, I take a verse of a very familiar song from the গীতগোবিন্দ. I divide the lines for the purpose of my analysis, and put the tag portions in brackets.

বদসি যদি। কিঞ্চিদাসী। দন্তরচি। (কোয়ুলী)

হরতি দহ। তিমিরতি। (থেরং)।
It is first to be noticed, that each portion divided by partition lines consists of either five letters or five mātrās. The beginning of the refrain portion if divided similarly, a great artificiality will be noticed, since the first division will take in only the first three letters প্রায়েচা; but if sung according to the tune, this unnaturalness will disappear, and the whole refrain will be found to be set in music with all regularities. Compare with it the line composed in Bengali রেক্তাছন্দ, already quoted above, and is quoted again, for facility of reference:

If we exclude the introductory নানারকি নানাকেলে which is pronounced as অন্নদাত, and if we set apart the word জারি as a tag, the essential agreement between the Bengali metre and the Sanskrit metre, will be obvious; the word জারি if pronounced with lengthening sound as is done in reciting a verse of the রেক্তাছন্দ, its agreement with ঘোষাঙ্ক will also become clear. In রেক্তাছন্দ there is an introductory portion which is of peculiar nature; the first portion of the first line becomes the independent introductory portion of the verse. The introductory line সে যে গো পুর্ণ্য এঁড়ে, must first be articulated as অন্নদাত, and then it is to be repeated as উদাহরণ with the other portions of the verse. The verse then will stand thus—

সে যে গো পুর্ণ্য এঁড়ে—
সে যে গো পুর্ণ্য এঁড়ে দক্ষি ভেড়ে
নতুন কর তাকে।
That the refrain portion, therefore of the Sanskrit song, originates from the introductory tag, becomes rather clear. No doubt there has been some lengthening of the tune in Sanskrit in the refrain portion, but this is because a uniformity of the metre has been maintained. To explain the matter more clearly, let me notice here a verse which has been composed by exactly adopting the metre of Jayadeva's song, etc.; it will be observed in this verse that the essential character of the chhanda has not been affected, even though there has been either a little lengthening or a little shortening of some mātrās, in conformity with the genius of the Bengali metre. The Bengalicised Sanskrit verse runs as:

If the portions, etc., and the corresponding lines of the Bengali verse be put aside, the following Bengali verse composed after an indigenous Bengali metre, will be found to be in perfect agreement with the chhanda in question:

For an example of a Sanskrit metre, corresponding to or agreeing with the Bengali, which may easily be conceived to have evolved the longer or I lay again the poet Jayadeva under contribution. In his
if निचाल be separated from the third foot, the three feet will be found to be of equal length in quantity. We can therefore see, that the final निचालं comes in as a tag to break the monotony. Consequently, to trace the origin of the chhanda, we may safely take into consideration, the three feet of the verse leaving the tag portion out. Corresponding exactly to these three feet in form and tune, we get the lines of a country song, which is sung in a game, that may be fitly described as choral dance. In this game a boy usually stands in the centre of a ring, formed by a number of little boys and girls standing hand in hand: the boy in the centre, seeking slyly the opportunity to break through the circle to run away, goes on singing an action song—एतः टुकु पानि, and the boys and girls who encircle him, sing half dancing the chorus—गो गो राणि, गो गो राणि. It is significant to note, that this very game of Bengal, prevails in the far off Sambalpur tract, and it is this very गो गो राणि, conveying no meaning to us, is sung as chorus in the country places of that tract; that the game and the song originated in remote past, is forcibly indicated by this very circumstance. Again, when गो गो राणि is sung twice as chorus, the whole portion becomes a लबुद्धिपदी minus the tag, which may be an improvement upon the song, in the line set forth above.

The Paññits who look for our पञ्जरें, a respectable origin, make the Sanskrit अहण्वं, the forbear of our humble पञ्जरें, though the tune and the form of the one do not agree with those of the other. That our nursery rhyme बिट्टमदे टाप्पुर टुट्टुर, etc., is wholly in accord with our पञ्जरें, cannot even for a moment be doubted. Though the lines move on keeping time with the note of a tune imbedded in syllabic accent, they contain fourteen letters, and at the end of the first foot of a line consisting of eight letters, we get the requisite caesura. It will be
noticed in the last line of the verse quoted below, that
ra of rāg being lengthened by the stress of an accent, the
loss of one letter has been made up for. The verse is:

बिन्दु पड़े टापुर टुपुर नदी एल बान,
शिव ठाकुरेर बिरे हवे तिनट छठादान ;
एकट कन्हा राधैन बाजेन, एकट कन्हा खान,
आर एकट राग क’रे बापेर बाज्ञा खान।

The purpose I have in view, does not allow me
to write elaborately on the genesis of our metrical system;
a separate treatise should be devoted to the execution of
the work. The nature of our accent, the accentual basis
of our metrical system, and the fact that our accent has
been retaining its peculiar character since long, are factors
which should principally engage our attention. That
in respect of our accent, a long continuous current may
be observed to have flown through ages, will be clearer
when we consider other facts, and the readers will have to
form their opinion, by considering the effects of what may
be called cumulative evidence.

As to the origin of many Sanskrit metres from popular
rhymes, such non-Sanskritic names as नेंठ्टक (indicating
special emphasis on the third letter—रिठ्ट+क), दोधक
(of equal length with नेंठ्टक, leaving out the initial and
the final accented syllables; the accent falls regularly after
two intermediate unaccented syllables—i.e., धकु or धाक or
‘push’ comes after ‘नो’ or two) लीला खेल (the word खेल
indicates the origin), etc., may be referred to.

I cannot certainly deal with our metrical system at
a greater length here, but I cannot at the same time con-
clude this section of my lecture without referring you to
the Hindi and the Oriya modes of reciting poetry, in
contrast with our mode. I speak of the mode of recita-
tion only, as it is not possible to analyse here the metrical
LECTURE VIII

system of Oriya and Hindi. I doubt not, that you have heard in this city the Oriyas and the up-country men to read aloud their verses. It must be a familiar experience, that from the sound alone from a good distance, a Bengali can know whether an Oriya poem or some Hindi लोहा's are being recited. Even where there is no musical chanting, the character of the metres will indicate the characteristic difference. All this is due wholly to different accent systems. As the style of a language is the expression of the thought of the speakers, so is the metrical system in a language, due to the special accent system of the people. The Oriya verse of lines of 9 akṣaras, if read in Bengali fashion, the composition will sound like a disjointed prose piece; so also it will be with such त्रिपदी lines of Upendra Bhanja, as:

बाधि बस्तर बांग्लित उपचार

बैठौ बिहिल र परिब्रेक

Similarly if the lines of a Hindi लोहा be not read in the Hindi fashion, the music of the lines will fade away. Without pronouncing any definite opinion as to whether the lines quoted below, were composed in old Bengali or Hindi, I may bring to your notice, the basic Hindi character of the metre of the lines; the non-hasanta sound of the final syllable and the long sound of the penultimate, as have to be maintained in rightly reciting the lines, are to be duly noted. The lines are:

काँझा तरुबर पंकिविलाल

चंगल चीए पईठो काल ॥

I do not mean to be exhaustive here; I want however to impress upon you, that we can solve many linguistic problems at least partly, if we take the factor of accent, deeply into our consideration.
Accent traced in Sandhi and Compound Formations

Sandhi.—The phenomenon of euphonic combination or Sandhi should engage our attention next, as by a study of it we can partly ascertain many phonetic and accentual peculiarities. How some stiff Sanskrit rules of Sandhi can be simplified on reference to the original Vedic sound-value of some letters, has been discussed separately, and this discussion has been relegated to an appendix to this lecture. It is true, that unlike what is noticeable in Greek, Chândasa does not allow any hiatus to exist in a word, but the rigid Sanskrit Sandhi-rules by virtue of which two or more independent words are linked together in an agglutinated unit, do not appear to have obtained in Chândasa. I need hardly assert, that in a living speech, in which ease and fluency in the matter of articulation of sentences can never be disregarded, and in which words must be uttered in an intelligible manner, Sanskrit rules of Sandhi cannot be strictly enforced. The component parts of Purohita for example, may not be allowed to stand separate, since the newly-formed word, has a distinct signification of its own, but the force of the word Adya, (अद्य) for example, disappears, if Adyendrasya अद्येन्द्रस्य be substituted for अद्य इत्यादि. We get such a line as बयमः अद्य
in the Vedic Padapātha, while the Sanskrit form of the text gives us वृद्धेश्वरेण प्रेषित, which involves the loss of three syllables required by the metre. I cannot speak here anything regarding what is called स्वर्भक्षी as noticed in the Vedic pronunciation of इन्द्र for इन्द्र, but the example will fully show, how the rigid Sandhi rules of Sanskrit Grammar make a simple speech, unintelligible. We find in the Vedic verses, as is natural in a living speech, that each foot, nay each hemistich, stands apart, without being united in Sandhi with a succeeding foot or hemistich. We observe only in some rare cases in Sanskrit, that one hemistich is not united with another in a verse, where Sandhi combination is possible; the following is a couplet which illustrates this sort of deviation from the usual rule:

It becomes perfectly clear, that once when the Vedic language became obsolete, various cases of euphonic combination occurring in that language were studied very carefully, and a good number of generalized artificial संस्क (Sandhi) rules were framed for their rigid application in what is called the Sanskrit language. This is why the processes noticeable in Chāndasa in such euphonic combinations, as are due to the influence of accent (which is a living factor in a living speech), are not at work in Sanskrit; instances of lengthening the accented vowel, as in विख्यानित्र (विख + मित्र) or अनूप (अनु + आप) or of dropping the unaccented vowel as in चार्बाक (चाक + बाकू), are not obtainable in Sanskrit.

It is a fact that the rules of Sandhi, as are noticeable in Pāli, are not wholly in agreement with the Vedic rules; that this very deviation shows the living character of
that earliest-known Mañgadhi Prakṛta, is what we should duly appreciate. How because of the natural accent of the speakers, and owing to the changed value of the sound of some letters, such euphonic combinations occurred in Pāli, as देवति (देव + इति), पररसेरिब (पररसे + इव), पादन्ति (पादं + इति), etc., should be a subject of special study. That the Sanskrit Sandhi-system does not support this claim of Sanskrit, that it was naturally evolved out of Chāndasa should be duly noted; we can very clearly see, that the natural Vedic rules of euphonic combination have only been artificially extended in Sanskrit, to cases where combination brings about stiffening of the speech and unintelligibility of meaning.

It is certainly very true, that our Bengali Sandhi system is not worked by the rules of the old time speeches, but we proceed to show that the very principle which governed the phenomenon of euphonic combination, in the speeches of ancient times, governs to-day the Sandhi system of ours. Before I cite examples to substantiate my proposition, I should notice an objection which is raised by some in this direction. On the basis of a superficial and unscientific observation of the fact, that the rules which govern the formation of such combinations as इत्यादि, मनोहर, etc., do not prevail in Bengali, some scholars have gone the length of asserting that the natural phenomenon of euphonic combination does not at all exist in Bengali. We have certainly borrowed the words इत्यादि and मनोहर in their entirety, and cannot disjoin them in our language; no doubt our इति means finish, आदि means original, and इत्यादि means etcetera; again there is no such word as मनस् in Bengali, nor the word हर, if not a name of a man, can have any meaning independently. It is also true that इ and आ do not combine according to Sanskrit rule to form र, but we have noticed previously,
that they coalesce in Bengali quite in another fashion. Non-observance of Sanskrit rules does not however justify us to formulate, that euphonic combination is unknown in Bengali.

In Bengali, we do not and cannot combine different words into one agglutinated whole, for we utter our words one after the other, to convey distinct meaning of them to other ears; but different vowel sounds and allied consonants do combine to form one word. With the अप्रवृंश्य word मशा, the Sanskrit word अनि (enemy) being joined in sandhi, we have got one word to mean the distinct article मशारि (mosquito curtain); to signify a special sort of अलू (bulb) the adjective गोल and अलू have been joined to form the word गोल अलू; the word कोठा as an adjective of कोल does not and cannot change its form, but when the words are combined together to signify the sort of कोल which is used as vegetable, the final आ of the adjective being dropped, the word कोठकोल has been formed; we may also get the examples गोड़ा + गाड़ि = गोड़गाड़ि, गोड़ा + बांधा = गोड़बांधा, बोका + चन्द्र = बोकचन्द्र (fool), etc. In such examples as कोठ कोला, गोड़बांधा, etc., we notice the loss of unaccented आ finals of the first component parts of the words; similarly we find the loss of ई of इंचा in the phrase बांड्रेराइ, where the accented बांड्रा in the form of बांड्रा occurs as the first component. We have seen that in the Vedic language, there were elision of the final vowel sounds of the unaccented syllables in their euphonic combination with unaccented syllables, and that is why the final उ of चांक dropped in euphonic combination with accented बाक, to form the word चांक to signify a man of persuasive speech.

That the lengthening of vowel sound as noticeable in the Vedic words, बिधामित्र, बुध-कपि, etc., is also noticeable
in the old Prākṛtas as well as in modern Vernaculars, requires to be pointed out. We may notice, for example, the Pāli idiomatic expression फलाफल (various sorts of fruits) in such a sentence as कलाफल स्न अस्ति न अधि, to see unmistakably that the word has not been formed by the combination of फल + अफल. This sort of duplication to indicate either variety or etcetera is very much current in Bengali; it is also the rule in Bengali, that in the process of duplication, an আ comes in as a joining link. We must clearly see, that the Bengali words ফলাফল, হিতাহিত, মতামত, চলাচল, etc., do not combine good and bad ideas together; চলাচলের রাস্তা does not signify the path for going and not going. The ‘আ’ that comes in here as a joining link, indicates emphasis only, when occurs in the formation of compound words; compare the emphasized forms কপাকপ, চটাপট, টপাটপ, etc., with the ordinary forms কপকপ, চটপট, টপটপ, etc. I feel tempted to notice, that in common parlance it is difficult to many of us to keep the purity of the Sanskrit word ফ্রাবহস্ত। because of accent on অবস্থা the word is pronounced usually as ফ্রাবহস্ত।

The natural rule by which one consonant is changed into another, because of the genetic affinity between the consonants, is also at work in Bengali; এক + গঙ্গা = এগঙ্গা পাঁচ + জন = পাঁজন, ছোট (ছোট = younger) + দাদা = হোড়া, বর্ত + দিন = বহিন are examples. The Sandhi rules of Prākṛta Grammar as are still at work, should be carefully studied by the students in this connection; I point out here a few cases only, where Bengali is in agreement with the old Prākṛtas, in the matter of euphonic combination. From চড় + চড় we get চচড় and from জগৎ + বস্তু we get জগবস্তু; final অ is very often dropped in Pāli even though there is no euphonic combination with the initial letter of a succeeding word, for example, কিঙ্কি is the form for কিঙ্কিৎ, and আসী is the representative of the fuller form
I may remark in conclusion, that the Dravidian method of Sandhi combination, is noticeable in some rare cases only; in Tamil ‘ந + காய்’ and ‘தே + காய்’ for example, will be மாங்காய் (mango) and தேங்காய் (cocoanat) respectively; this growth of nasal sound in Sandhi has only been noticed by me in கோலா + குச்சி = கோலம் குச்சி.

_Samāsa—সমাস._—I have spoken above, that change of vowel as well as of consonant takes place in the formation of compounds called samāsa (সমাস); but as many noted scholars are of opinion, that barring a few stray examples, we cannot get samāsa compounds of genuine Bengali words, I must show that compounds or samāsa of all sorts exist in Bengali. I consider this question to be important, for it is to be seen, whether the old mode of thinking which brought about samāsas in particular forms, is still our inheritance or not; it must be borne in mind, that the racial peculiarity in the matter of thinking, governs the style and structure of a language. I cite below the Bengali samāsa forms exactly in that classified order which is maintained in authoritative Sanskrit Grammars.

_অব্যর্থতাব—Adverbial Compounds._—1. In the following examples, _অব্যয়_ words do not occur as in Sanskrit, but the compound forms indicate the sense of the _অব্যর্থতাব_ _সমাস_—(a) indicating বীপ্তা—গলি গলি, বাড়ি বাড়ি, রাস্তার রাস্তায়, রোজ রোজ, etc. ; (b) ক্রম—পরপর, গিছুলিছু, etc. ; (c) অন্তত্রেণম—রাতারাত, বত পারি, যা পারি, etc. The following examples may be contrasted which are _not compound forms, viz._—দেখতে দেখতে (quickly), চলতে চলতে (by excessive walking), পাঁছুটি বাড়তে বাড়তে (in the course of growth) ভুক্তে ভুক্তে, কল পড়তে পড়তে (just on falling) কুক্কিয়ে নিল, etc. ; in these cases, infinitives being doubled, the sense of repetition has been expressed, but the words do not form Samāsa compounds. (d) The following examples indicating “the whole of” are closer in relation with _অব্যর্থতাব_ forms than.
with others: মাঠকে মাঠ, বাজারকে বাজার, ঘর্ছে ঘর, etc. (2) Where to indicate পর্যায় (up to) 'আ' occurs in Sanskrit, as in আক্ষ, আক্ষ, etc., only the doubling of the word takes place in Bengali; e.g., 'গলার গলার' খাওয়া, 'কানায় কানায়' ভরা, etc., এক নোক লোক, ভরপেট, কুঠির কঠা মay be compared with these forms, as indicating the sense of অবাস্তিত।

তৎপুরুষ—Determinative—2.—If the examples grouped under the following sub-heading (1) be regarded as I suggest, as of তৎপুরুষ class (being Determinative, or rather Dependent) wherein the nominative case predominates, we may hold that we have তৎপুরুষ with vengeance in Bengali. I may then classify the তৎপুরুষ forms as কশ্চি প্রধান, কশ্চি প্রধান and so forth, looking to the sense which the forms convey.

(1) The তৎপুরুষ of nominative prominence, or কর্তা প্রধান তৎপুরুষ :—For this entirely new class of Bengali compounds, my examples are,—দাগলাগা, বাজপড়া, etc. We have to note that such Sanskrit forms as তেলমিষ্ঠ বঞ্চাহাত, etc., are construed as হৃদ্যতা তৎপুরুষ; the form কাদামাথা may be construed as করণপ্রধান তৎপুরুষ, but কাদালাগা cannot be so construed; we have also to notice that the forms of my example cannot be classed under বহুজীহ, for, in বহুজীহ �forms a person or thing must be indicated irrespective of the meaning of the component parts. This is why I have suggested this new nomenclature for a class of compound words. Mine is a suggestion merely, and not an authoritative statement. Compare all the compound forms occurring in the sentence আনার লাল-পেড়ে তেল-ধুতি খানার এই খাটা বাক্ট্রি-বাড়ির বাহ্য চোখা গাছ-পাকা। জতের রসের দাগ-লাগা; the 1st is বহুজীহ, the 2nd is তৎপুরুষ of 4th class, the 3rd is স্ত্রী তৎপুরুষ, the 4th is হৃদ্যতা তৎপুরুষ, the 5th is নী তৎপুরুষ; and so now the character of দাগ-লাগা may be appreciated.

(2) কর্তৃপ্রধান তৎপুরুষ (object-indicating) :—মানুষ থেকে (as a tiger), মন তুলান, ইং হর ধরা (as a কল or machine), বৈ পড়া (as in বৈ পড়া বিষ্ণু), etc., are examples.
(3) करण-प्रधान or agency-indicating:—हात-गड़ा, कापड़-धेरा, एक-कम-कुड़ि (signifying ऊप or less by one); at times 'ए' is added to the final letter of the first part of the compound as आरुगलार-चाटी (आरुगला-चाटी is another form), मेहें भरा (also मेहें-भरा), etc. In बाहुङ चोसा, the final letter does not take an 'ए'.

(4) Purpose-indicating or उद्देश्य बाँटक:—तेल-धूःति (cloth worn for besmearing the person with oil), पाल-जामा (for पा, i.e., trousers), मरा-कांश (wailing besitting the occasion of death in the family), संस-बाजी (house intended for dwelling), etc.

(5) अपादान-बाँटक, to signify 'away from':—पाल-छाड़ा (straying away from the flock or herd), हटा-छाड़ा (different from what is usual), घर-पालन छेले (a run-away boy), पाहाड़-शरा (पाहाड़ थे केहं) जल, etc.

(6) Relation-indicating or सबंक्ष काँब बाँटक:—धर्म भय (the word भय does not affect the character of the compound in Bengali), बियह-बाजी, मास-काबार, बन-बेड़ा, etc.

(7) Locative or स्थान काब बाँटक:—गाछ-पाका (ripened on the tree), नोका-भरा लोक (i.e., नोकाय—full up in the boat), घर गोषा, etc.

कंस्सङ्धारय—Descriptive—3.—(1) आध्विटा, कालपौटा (an auspicious owl); (2) काचा पाका (ripe and unripe), ताजा मरा; '3) निष-काल (black like मिश or black tooth powder, here the final इ of मिश has been dropped), छेले-रुखि, कङच-पोका (looking like glass), सोना-मुग (a lentil, like gold in colour), etc.

बिगु—Numeral compounds—4.—पांच-पणज (as a cloth), ते-हाःति, छ-पिठे (lit. having two sides), एक चोक्षा (as a judgment, disclosing partiality).

बहूषी—Possessive compounds—5.—मा-मरा, हाँडमुखा (long-faced), पाड़ा बेड़ानी, बाइश कर्का (one who does nothing), etc.

इन्द्र—Copulative—6.—मानध-गर, लेप-काठा, आम-काठाल, भाल-मन्द, उणूङ-बिश, etc.
Duplicated Words.—The words which are duplicated on account of emphasis, to indicate repetition, or to express the idea of excessiveness, should be noticed and classified here, to distinguish them from the Sanskrit compounds. I need hardly remind you that according to the वेण्ट rule and by the rule of the कृष्ण प्रताय, words are duplicated in Sanskrit to indicate repetition or excess. I refer you to the whole section of the Siddhanta Kaumudi entitled Dvriukta Prakaranam which begins with the rule सर्वाभासेः, wherein reduplication of various sorts has been illustrated.

1. (a) The adverbs सोजाङ्ग्षजि (quite direct), पाशापांशि (close by the side), माधामाधि (right through the middle), etc. (indicating ‘very much’), and हाटाहाटि, छूटाछूटि, टानटानि etc., (indicating ‘repetition’), may be classed under one head. Such adverbs as मोटामूटि from मोटि (total; taking the whole roughly into consideration) and गोड़ागोड़ि from गोड़ा (beginning from the very beginning) come also under this head, as the idea involved in the words is that मोटि or गोड़ा is taken repeatedly or much into consideration. The vowel changes in this class of duplication must be noted.

(b) काटकाटि, मारामारि, चुलाचुलि, हाताहाति, etc., fall also under this head as a sub-class, as a slightly-differing sense of reciprocity in fight is indicated by them. मुखामुखि (tete-a-tete), चोखा चोखि (each seeing the other), कोलाकोलि (the act of embracing), etc., are also of this class.

2. Though the idea “very much” is in the following words, they differ from the first class in meaning as well as in form; the words are duplicated without undergoing any change. Thinking too much of, or having anxious solicitude for, or making too much of, will be found to be the idea involved in बाड़ि बाड़ि, दादा दादा, and कलिकाता कलिकाता, in the following sentences,—अमार मनटा बाड़ि बाड़ि करितेछें, से दादा दादा करिना। मरिल, तुमि बड़हें कलिकाता कलिकाता कर।
3. When duplication takes place to indicate 'almost like,' or 'similar to,' no change of vowel takes place. The forms কাদা কাদা, অর অর, ঠাঙ্গা ঠাঙ্গা, মান্নার মান্নার, etc., are examples.

4. In the class of duplication noticed below, there is this special peculiarity, that in the process of duplication, the original word without being repeated, is conjoined to a synonym of it. Agglutination of two seemingly different words, should not mislead us to consider the word as a Samāsa compound. The adverbs করোকশে, ভেবেচিন্তে, ফেলেছড়ে, বলেকরে, মেগেলেচে, etc., are fitting examples. The noun forms ঘরবাড়ি, লোকজন, সেরগোল, মাধামুঠ, গাঙঘর, etc., are also similarly duplicated. Some duplicated words of this class, may elude detection of their character, as in either the first or the last augmented portion, some obsolete or unfamiliar words appear. I give a few examples. In the word আশেপাশে, the first portion is the Vedic word আশা, which has the same meaning as পাশ of Bengali; the adverb চলেরুলে and the noun form ছেলেপিলে may also be considered; the word পিলা is a Dravidian word for child, and the word বুলা meant walking in old Bengali, and in that sense the word is still in use in Oria; in the word খুঁজে গেছে, the last portion গেছে or পাত্র comes very likely from Hindi পাত্র (.cert. পাত্র নেহি মিলা, no trace is obtained); the word পাত্র in পাত্র পাত্রি করিয়া খোঁজ, seems to be also of the same origin. Let me adduce a few examples to show, that a word of foreign origin or of classical origin, though really a synonym of a word, is used either as an adjective or an adverb to its synonym, because the real import of the foreign or classical word is lost sight of, or is imperfectly understood; the word গান্ is a corruption or অপঞ্চ of পালি গিনি (Sanskrit অষ্ট); this অপঞ্চ form is found retained in the phrase গন্ধে আগান. The word or stem হন্ is of Kolarian origin, and
it signifies walking; it is this হন্নু which we meet with in our হন্নু করিয়া ছোটা. These words should not be confused with the words of onomatopoietic origin. In গালি-গোপণ, the second Persian word is a synonym of the first. I have heard school—boys saying আকাশ খুব clear পরিস্থার হয়েছে; as a translation of police investigation we at times meet with তদারকের অধুনা, স্থান নিয়ম in our Bengali newspapers. Whatever that may be, let me add a few more examples as may fall under this class. They are: বুরুখৈরে, ঠোঁকিয়ে পিটিয়ে, ডেকে হেঁকে, তেতে পুড়ে, বন জঙ্গল, বন বাদাড়, বেঁচে বর্ষে, ভিজে তিতে, ভেঙে চুরে, হাট বাগার, etc.

5. Almost connected with the fourth class is the class I now describe. To give special emphasis to an idea, two words are so joined together, as the second portions may indicate the consequence or completion of the action, indicated by the first portions of the compounds. A few examples are: আগু বাচ্ছা, উলট পালট, কেঁদে কোরীয়ে, বদে মেঁজে, জলে পুড়ে, টেনে হেঁচড়ে, দেখে শুনে, ধুয়ে মুছে, নেয়ে ধুয়ে, নেচে কুঁইরে, বুঁচে বৃঁঝে (বৃঁঝে = to see), মেরে কেটে, রেঁধে বেঁড়ে, গড়ে ভিজে.

6. Such duplications as মানে মানে, প্রাণে প্রাণে should perhaps be classed separately, as they indicate—anyhow saving or protecting মান (honour) and প্রাণ (life).

7. It is difficult to say whether the second portions of the following compounds are meaningless additions, or that they once had some significance, and as such should be grouped under the fifth class. The words are:—কুড়িষে বাড়িষে, হুড়ে হেঁড়ে, কাপড় চাপড়. If the last named example is the representative of the প্রাকৃত ইধম বত্থ–চিবর, চাপড় may be easily explained.

8. To indicate etcetera or 'the like,' the words are generally duplicated with the loss of the initial letters and by the substitution of ট for the initial letters. কাজ টাঙ্গ, ভাত টাঙ্গ, মাছ টাঙ্গ are very familiar examples. When
disgust is sought to be expressed, the initial letter of the duplicated portion is usually changed into ॐ, as—ए गर्मे काज फोटकर चले ना, रात्रे भात फाटा खाओয়া দাম, মাছ ফাছে কাজ কি? etc. It is to be noticed, that in some cases, duplication is made not with the ट initial but with some other letters. चाकर बांकर, बासन कোসন, রকম সকম, etc. are examples; it is rather difficult to enunciate any general rule for these irregular forms. It may be, that in the cases of these exceptions, the augmented portions are but representatives of some obsolete words, and if so, must be grouped under class four. As in পূজা আচারী the augmented portion is a contracted form of আচার্য, so there may be many augmented forms, the meaning of which may be traced.

9. Such onomatopoetic words as कच्छ, খঙ্গ, পট, মভু are generally duplicated in their use. It is worth noting here, that many words simulate onomatopoetic origin, though they are really but অপব্যঢ় ফর্মস; ধবলব্যঢ় বে is from ধবল (white) or from ধোয়া (washed clean), মিশ্রমিশে is from মিশি (black tooth powder), ফোটোটেট is from Sanskrit ফুটুট, ফুবুরে is from Sanskrit ফুবুরূ, ভুবুর is from ভুরি (much). A special class of onomatopoetic words as ঠঙ্গ, ঠঙ্গ ওন ওন, খট খেট, etc. is of special interest in the Prākṛta dialects; in olden times the use of such words as well as of দেশি words of all sorts was prohibited by the Sanskrit grammarians because of their vulgar origin. This is exactly why they are of importance in a history of language. I reproduce in Appendix I, my paper on onomatopoetic words which was published in the Journal of the Royal Asiatic Society in 1905.
There can be no doubt, that onomatopoeia and interjectional cries played a great part in the formation of our languages. It is true that the 'Bow-wow' theory alone is insufficient to trace the origin of all words; and it is not true, what Professor Noire would have us believe, that all roots can be traced to some interjectional cries of primitive men. But it is true that a carefully instituted philological analysis can disclose the influence of onomatopoeia and interjectional cries in the formation of a very large number of Vedic and Laukika roots.

When by strict, rigid, and thorough-going rules of grammar, an artificial check was placed upon the growth of the Sanskrit language, new words could not be coined except by the fixed rules of grammar, from the definitely established list of roots. How jealously the purity of the literary language was being guarded in the second century B.C., can be known from the Mahābhāṣya of Patañjali. It has been declared sinful in that book, to use words, other than what are strictly Vedic and Laukika.

In the Sanskrit works which have been, with considerable certainty, fixed to a time previous to the second century B.C., no other words than Vedic and Laukika (in the strictest Pāṇini sense) can be met with. Since the Mahābhārata abounds in words not strictly Laukika,
may we not venture to say that this is evidence, so far as it goes, that the building up of the poem did not commence till at least a century later than the time of the Mahābhāṣya? Such an orthodox work as the Mahābhārata came eventually to be, could not have departed from the much respected orthodox rules, if time had not then made the rules almost obsolete. What is true of the Mahābhārata, is true also in respect of the Rāmāyaṇa, as we now have it. To my humble thinking, the latter shows signs of lateness to a great extent.

Of words formed by imitating natural sounds and underviable from the fixed stock of Sanskrit roots, kolāhala, kilikilā and the like are only found in the eighteen lengthy Parvas of the Mahābhārata. Halahalā, Gadgada and Humbhā (lowing of the cow) are found used in the Rāmāyana; in the 23rd Chapter of the Āraṇyakaṇḍa, we find exact sounds of birds used as Sanskrit words. “Chīchikūcchitu vāṣyanto babhūbustatra sārikā,” would have defiled the purity of language in the second century B.C. This very “chīchikū” we find also in the Hari-vamśa. These words, as well as the words Khaṭ-khaṭ, Than-Than, Jhan-Jhan, and Raṇaraṇaka of still later literature, have been called Deśī words (words of Provincial origin) by Hemchandra. It is known to all that Hemchandra’s Deśī Nāmamāla contains such words as were considered not to have been derived from Sanskrit roots. It is true that Hemchandra has declared such a few words to be Deśī, as are really apabhraṃśa words, but I must also note that some ingenious attempts have been made at a forced affiliation of many real Deśī words to some recognised roots; I do not however consider it worth while to offer any criticism on this point.

When literature grew, the writers felt the want of words, and were forced to borrow many words from the
Prākṛtas. To commence with, it was only sparingly done but when once it was tolerated and approved, the writers introduced the Prakṛta words very largely. This inference receives full corroboration, from the languages of the old inscriptions which have now been chronologically arranged in many books.

The Deṣī words of onomatopoetic origin, such as Jhaṅkāra, maḷmaḍa, Paṭ-paṭ, and the like, are nowhere found in the works of Kālidāsa and Bhāravi.* It might be plausibly argued, that the use of such words in dignified Kāvyas was studiously avoided by the poets. But it is worthy of note, that Kālidāsa has not used these words even in the Prakṛta dialogues in his drama, while Mṛchakatikā and Ratnāvalī abound with such expressions. It is also not true, that the use of “Gharghara” for Nirghoṣa and ‘Jhaṅkāra’ for Aliruta lessen the dignity of the language. These words have been profitably used, to heighten the effect of grand descriptions, by Bhavabhūti in his Uttara-carita and Mālatīmādhava.

The poet Subandhu flourished towards the end of the sixth century, say about a century after the death of Kālidāsa. We find the use of a small number of onomatopoetic words in his Vāsavadattā as nouns only. Three or four such words of this class as are found in Mahābhārata and Rāmāyaṇa are also found used as nouns, as I have already shown. This is the sort of use made of them (though very sparsely) in the Pañcatantra. Kolāhala is the only word I have met with in the existing Pañcatantra, even though this is not exactly the book which was written in the fifth century.

* It should be noted that the word Marmara (and not Maḷmaḍa) is derived from the root Mr, and as such cannot be treated as a word of onomatopoetic origin.
In the writings of Bāṇabhaṭṭa, Bhavabhūti, and Śūdraka, these words have been very freely and largely used. Verbs also were made of them, and expressions like Khaṭ-khaṭāyate, Phurphurāyati, and Madmaḍāisma are found frequently. The use of these words as verbs commenced only in the seventh century, so far I have been able to ascertain. From the seventh century onward, there is scarcely any Sanskrit composition, wherein these Deśī words of onomatopoetic origin are not found.

I should like what I have asserted to be tested by reference to the books, the dates of which have been fairly established. If the use of this particular class of Deśī words grew in the manner indicated in this paper, the words will have a special value in determining the chronology of some old books.
APPENDIX II

ব্যাকরণের সন্ধি

[১৩১৮ বঙ্গাদের সাহিত্য-পরিষৎ পত্রিকা হইতে পুনমুদ্রিত]

একজন লোক নিজের রচনায়, কেমন করিয়া শব্দগুলিকে সন্ধির বস্তু বীর্ধিয়া লইবে, ইহার শিকার হই ব্যাকরণ নয়। যে সকল রচনায় সন্ধি-বস্তু আছে, সেখানে কি উপার্যু পদবিচ্ছেদ করিয়া মূল শব্দগুলিকে চিনিয়া লইয়া অর্থ করিয়া হইবে, তাহার শিকার অন্যই ব্যাকরণের হৃদ। ব্যাকরণ শব্দের অর্থ হইতেই তাহা হৃদিত হয়। ব্যাকরণ ব্যাপ্তির জ্ঞান হয়,—বিশেষতঃপ্রণালী শিক্ষা হয়। পদে পদে সন্ধি যোগ না করিয়া। যদি কেহ সংস্কৃত গুণ রচনা করেন, তবে তাহার রচনাকে কেহ দোষমূলক বলিয়া পারেন না। ব্যাকরণে এমন সত্য নাই যে সন্ধিরোগ না রাখিলে রচনা অঙ্কুর হইবে। শব্দের রূপ বা ধাতুর রূপ, বতন্ত্র কথা। যে রূপ ধারণ করিয়া শব্দের যে অর্থ হয়, কিংবা ক্রিরাপদে যে কাল বুঝায়, তাহা হইল ভাষার মূল কথা; তাহা না মানিলে কোন পদের বা কোন শব্দের অর্থই হয় না। সন্ধি যোগ করা বা না করা, লেখকের হৃদিয়ার কথা; উহা যে ‘পুষ্পরেখা,’ তাহার প্রাচীন উল্লেখ আছে। যেখানে সন্ধি যোগ হয়, সেখানে যে তাহা করিতেই হইবে, এতা হইল অর্থাতীন যুগের সংস্কৃত রচনার একটি অসাধারণ পদ্ধতি।

মানুষের প্রতিদিনের কথা কহিবার ভাষায় সন্ধিবিধানের কভু নিয়ম থাকিতে পারে না; প্রাচীন উচ্চারণের হৃদিয়া সত্যবিড়ালী সন্ধির বিধান পদ্ধিত যায়, ততদুপরী থাকে। বঙ্গভাষায় আমরা গোলালু, মশারি প্রাঙ্গণ রেমন বৰ্লি, বেদাক্তি ভাষা বা ছান্দোতে তাহাই দেখিতে পাই। যখন সন্ধিবাধনের কভু নিয়মের যুগে বৈদিক খাকগুলির পদে পদে সন্ধি জড়িয়া পূর্ণ লেখা চলিতেছিল, তখন 'পদপাতার' হৃদ। সন্ধি জড়িলে বৈদিক
ছন্দ এবং স্বর নতুন হইয়া যায় বলিয়া, 'পদপাঠে' বেধানে সকল নাট, গোড়ার সেখানে সন্ধি ছিল না বলিয়া বুঝিতে হইবে। অনেক স্থলে যে সন্ধি করিতে গেলে অন্ধর করিয়া গিয়াছন্দ নষ্ট হয়, তাহার অনেক দৃষ্টান্ত আছে। বৈদিক ধারাগুলির কেবল পদপাঠ দেখিলেই সকলে উহা বুঝিতে পারিবেন।

ছান্দস হইতেই সংস্কৃত ভাষার উৎপত্তি; কিন্তু হয়ত এই ভাষা বৃহদাদের প্রথম শতাব্দীর পূর্বে 'সংস্কৃত' নাম পায় নাই; পালি সাহিত্যে অপ্রচলিত Classical ভাষাকে ছান্দস-ইবলা হইয়াছে; বিনয় পিঠকের চূড়াগুলির একটি উল্লেখে উহা স্পষ্ট। ১৪০ খ্রীস্টপূর্বের মহাভারতেও সংস্কৃত শব্দ ভাষা অর্থে পাওয়া যায় না। যখন হইতে ভাষার নাম "সংস্কৃত" পাওয়া যায়, তখন হইতেই উহাতে জটিল রচনার পরিচয় পাই। সন্ধির ঘটা, সমানের বাজায় প্রকৃতি ত আছেই, তাহা ছাড়া অনেক স্থলেই এমন ভর্তক ভবন্ধ যে, অনেক টানিয়া হেচড়াইয়া পদে পদে যোগ করিয়াঅর্থ করিতে হয়। হইতেই বুঝিতে পারা। যায় যে, সংস্কৃত কেবল একটা সাহিত্যের ভাষা হইয়া লামড়াইয়াছিল; উহা কথাবার্তার ভাষা ছিল না। যে সময় ঐ ভাষাটির নাম হইয়াছিল 'সংস্কৃত,' তাহার বলপূর্বক হইতেই এদেশে অনেকগুলি 'প্রাকৃত' বা লোকবাদ্যাদারের ভাষাবিদ্বক ভাষা ছিল। সেই সকল ভাষাবিদ্বক ভাষা বা প্রাকৃত ভাষাও ছান্দস হইতে উৎপন্ন হইয়াছিল। লোকবাদ্যাদারের ভাষা যখন পণ্ডিত ধরণে বিহিয়া মাজিয়া লওয়া হইয়াছিল, এবং ছান্দস বা বৈদিকে অবগত অনেক নূতন জ্ঞান আমদানি করা। হইয়াছিল, তখনই ঐ ভাষার নাম হইয়াছিল সংস্কৃত বা সংস্কার-পুরুষ। যে ভাষা সাধারণ লোক-বাদ্যাদারে অপ্রচলিত ছিল, তাহাই ব্যাপকভাবে নিদর্শ সংবাদক করা। নিয়মের মধ্যে আবদ্ধ হইবে, তাহার আর বিচিত্র কি? সাহিত্য, দর্শন, বিজ্ঞান প্রকৃতি সমতাই সংস্কৃতে রচিত হইত; কিন্তু লোকে কথাবার্তা কথিত আপনাদের দেশপ্রচলিত প্রাকৃত ভাষায়।

সংস্কৃতের সন্ধির হৃদ্যগুলি হইতে ঐ ভাষার অর্থাত্নতা এবং প্রাচীনতর ভাষাগুলির প্রকৃতি, কিছু কিছু বুঝিতে চেষ্টা করিব।

19
বর্ণমালার মধ্যে বর্ণবর্ণ বলিয়া যে শ্রেণীবিভাগ, এটা হইল ভাষার একটা বিভাজন হইবার সমর্থক হইত। স্বতন্ত্র ও ব্যাখ্যায় আ, আ প্রভৃতির উচ্চারণ ত ছিলই, তাহার পর আবার বর্ণগুলির স্থানী উচ্চারণ, আওরঙ্গ বা বরের সহিত ঐ অক্ষরগুলির আওয়াজের সমতা ধরিয়া লইয়া বর্ণগুলির নাম হইল বর্ণবর্ণ। ‘আ’ অকারের দীর্ঘ উচ্চারণ হইলেও, আই দীর্ঘ উচ্চারণের সহিত উহার একটু পার্থক্য আছে। কিন্তু অরবিড় উচ্চারণ ধরিলেই, ঐ-র মতই আ এবং আ বরের উচ্চারণে দীর্ঘতার ভেদই পাওয়া যায়। দক্ষিণপ্রদেশের উচ্চারণের হিসাবে ‘আ’কারের যথাযথই ‘আ’কারের একটু দীর্ঘ উচ্চারণ মাত্র পাই। আচারীকলায় সেইরূপই ছিল; তবে বৈদিকে কোন কোন হলে ‘আ’কারের প্রায় হুম উচ্চারণ আছে। আর ‘আ’ বর্ণটি ও স্বল্প হলে সংস্থ উচ্চারণে পাই বাণ্ডা। উচ্চারণের মত ছিল।

এ এবং ১ ক্রুপে উচ্চারিত হইত যে উহারা বর্ণসংস্কা পাইয়াছিল, তাহা অড়। বুঝাইয়া লেখা শুক। এখনও উত্তর-পশ্চিম সীমান্তে ঐ-র উচ্চারণ প্রায় ‘এর’ ও আচারীর Iraniতে অর-এ উচ্চারণই ধরা যায়। ওকারাণ্ড শব্দের বিধিতে, বিশেষ কলা প্রার্থ ভাষায় উ এবং ই উভয়বিধ আওয়াজই ধরিতে পারা যায়; কি কারণে উহা ঘটে, তাহা মজা প্রবেশ লিখিবি; বিধির ‘ও’ দেখিয়া এ কারের অরবিড় উচ্চারণকে ঠিক মনে করা ভূল।

বর্ণরের উচ্চারণভেদে প্রতিসংজ্ঞা নির্দেশ দেখিয়া, মাত্রাজ প্রদেশের “এ” “ও” প্রভৃতির দীর্ঘ উচ্চারণের একটা আচারীর মূল ছিল বলিয়া বাক্যাকর করিতে হইবে। পাণিনির ৮২:i.৬ এবং ৮২:i.৭ স্তু হইতে ইহার স্বাপ্তি হইবে। বৈদিক ছাড়ার পাঠে এই প্রতি উচ্চারণ ভেসে আছে, ঐ সকল উচ্চারণ ধরিয়া বিচার করিলে ‘এ’ এবং ‘ও’ কে যুক্তির বলিতে হয়। বৈদিক ব্যাকরণে ঐ, ও চারিভাবিশিষ্ট। (সিদ্ধান্তকে: বৈঃ প্রঃ ৩৬২৫ হয়)।

‘এ’ যেন অ+ই অথবা আ+ই মিলিত হইয়া উচ্চারিত; উচ্চারণ একটু তাড়াতাড়ি করিতে হয়, নহিলে “এ”কারের মত ধরিন হয়। ঐকৃপ
অবার "ও" কারটি যেন "অ" বা "আ" পরস্পর "উ" র মিলিত ধরন। অকার কিন্তু আকারের সহিত "এ" যুক্ত হইলে যে উচ্চারণ হয়, তাহ হইল "ঐ"; এবং "ও" যুক্ত হইলে হইল "ও"। এই উচ্চারণ যে স্বর্ণির নিম্নের সঙ্গে মিলিয়া যায়, তাহা পাঠকেরা বেশ দেখিতে পাইবেন।

এই উচ্চারণ বা সর্ববর্ণের নাভাবিক আওয়াজ হইতেই দেখিতে পাইতেছি যে, পদগুলি উচ্চারণ করিতে গেলে নাভবৃত্ত যায়। ঘটিত, অনেকগুলি সর্বন্ধির সঙ্গে তাহাই বিভিন্ন। যথা—"অকারের পর আকার থাকিলে উভয়ে মিলিয়া। আকার হয়; অকারের পর ইকার থাকিলে একার হয়, উকার থাকিলে ওকার হয়; অ কিন্তু আকারের পর এ কিন্তু ও থাকিলে থাকাকে ঐ কিন্তু ঐ হয়; ইত্যাদি।" উচ্চারণ যদি আচানকালের মত থাকিত, তবে এই স্বর্ণির সর্বগুলি কাহাকেও মুখ্য হইতে হইত না। বলিয়া দিলেই হইত যে, ভিন্ন ভিন্ন উচ্চারণ মিলিত হইলে যুক্ত উচ্চারণকেই স্বাভাবিক বা প্রাধাত্য দিতে হইবে।

চাইটি আওয়াজ এক সঙ্গে মিশিলে একটা মিশ্র আওয়াজ হইতেই। সাধারণতঃ শেষের আওয়াজটি প্রথমটিকে চাকিয়া ফেলে, অথবা একটু হর বা মদীতৃত করিয়া দেয়। স্বর্ণির নিম্নে সর্বোচ্চ তাহাই। এই নিম্নমানের সঙ্গে ম' একটি কথা পরে বলিতেছি। এখন খ-কারের স্বর্ণির বিচার করি। প্রথমেই বলিয়াছি, যে "ঝ" ও "ঊ" প্রথমে করিলে উচ্চারিত হইত, তাহা এখন কোন প্রদেশের উচ্চারণ হইতেই ধরা যায় না। আকারের পর খ থাকিলে, আকারটি একটু খর হইয়া "অ" হইয়া গেল, তাহা না হইল বুঝিলাম। কিন্তু মিলিত উচ্চারণটি "অর" হইলে কেন? ইহাতে মনে হই ঈরানীর মতো খ-কারের উচ্চারণ "অর" ছিল। যদি সহজ "রি" কিন্তু "রূ" উচ্চারণ থাকিত, তাহা হইলে শেষের স্থানী আওয়াজটি "ই" বা "উ" হইত। যতন বর্ণবর্ণ হইত না। খ-কারের স্থানে অনেক স্থানে যেমন "অর" হয়, তেমনি আবার "ইরু" ও হইয়া থাকে; কিন্তু বৃত্তির নিম্নের স্বর্ণের বিভিন্ন করিলে দেখিতে পাই যে, স্বর্ণির নিম্নে সর্বগুলির যে গুলি বিকৃতি ঘটে, কার্যরূপেও ঠিক তাহাই ঘটে; তখন "ধ" স্থানে "আর" দেখিয়া স্বর্ণির উচ্চারণের
“অত্যন্ত” থেকে আমি উচ্চারণ বলি যেন হয়। একে “অত্যন্ত” ঠিক ‘র’ নয়, তাহার পরে আবার অন্তর্ভুক্তির বর্ণগুলি যে ব্যাকরণের বৈজ্ঞানিক নিয়মের প্রভাবে স্থল নতুন বর্ণ মাত্র, তাহাকে দেখাইতেছি।

এই প্রসঙ্গে একথাও বলি রাখি, খাকারের অর উচ্চারণ ছিল মনে করিয়া লইলে বৈদিক ব্যাকরণের ছই একটি হলের প্রেক্ষিতে স্থায়ী বিন্যস্ত নিয়রাবিক নিয়রে ধরিয়া পারা যায়; তাহার জ্ঞান স্তর গড়তে হয় না।

পাণ্ডব বল্লভ রাজার বিভাজিত শ্রীমতীর স্নাতক পাঠে যে, বৈদিক ভাষায় যদি ইষ্ট, ইমন, ভুদ্র প্রত্যায় পরে থাকে, তাহাই হইলে “৩৩১” র খাকার রহ হইয়া যায় (সিঃ কোঃ বৈদিক প্রাক্র বিরত প্রকার ৩৩৩৫ মহ।)

অন্তঃপ্রকৃত বর্ণগুলি (অর্থাৎ ব, র, ল, ব) যে মৌলিক বর্ণ নয়, বর্মিত্রে উৎপন্ন, তাহা দেখাইতেছি। ‘দ’ ঐ উচ্চারণ হইল “ইথ” ; বাঙ্গালা এবং ভারতীয় ছাড়া ঐ নোং সর্বত্রই ঐ প্রাক্তার উচ্চারণ হইয়া থাকে।

আমরা “য’ ঐ এর ‘ ‘ উচ্চারণ করি বলিয়া, “ইথ” উচ্চারণের জ্ঞান ‘য’ ঐ নোং ছোটা দিয়া থাকি। “উহ” শব্দগুলো আমরা উচ্চারণ করি, “৩৩১,” আর অন্য প্রদেশে উহার উচ্চারণ “উই-থ”। ই-আ উচ্চারণ সংস্কোচনে যেমন ‘ব,’ উই-আ উচ্চারণ সংস্কোচনে থিক তেমনি অন্তঃপ্রকৃত। সক্ষু ছোটগুলিতেও, ব এবং ব কোন উক্ত বর্ণ সংস্কোচন, আর কিছু নহে।

যে নিয়ম যে এবং ব সমক্ষে থাকিতেছে, ঐ নিয়রেই ব, ল শাসিত।

‘ধ’ ঐ বর্ণ সর্বরাং থাকিলে যখন ‘ঢ’ হয়, তখন ‘র’ কালের উপক্ষি য’ এবং ‘ষ’ ঐ মত বলিয়া মনে করা সঙ্কট। এরূপ অবস্থায় ধ এবং ২-কারের প্রাচীন কালের বৈশব উচ্চারণ ছিল বলিয়া মনে করিয়াছি; তাহা সত্য হইবার সম্ভাবনাই খুব অধিক।

যখন ছইত বর্ণ বা আওকাঙ্ক্ষিত মিশ্র আওকাঙ্ক্ষিত হয়, তখন শেষের আওকাঙ্ক্ষিত বৈশব তীব্র হইলে প্রথম আওকাঙ্ক্ষকে একেবারে চাকির। ফেলিবে, আর বৈশব তীব্র না হইলে প্রথম বর্ণকে একটুখানি খুব বা মদীভূত করিয়া দিবে। কারণ ছইত বর্ণ সমান আওকাঙ্ক্ষ রাখিয়া উচ্চারিত হইতে পারে না। একের উচ্চারণ অ-ই জ্ঞাত
এখন যেমন শরীর বাহির হয়ে পরে সেই স্থান নিয়ে কিছু নিদর্শন নেওয়া হয়। শেষের অবশেষে, একটি প্রত্যেক অংশ শরীরের পরিবর্তে সকল শরীরের সকল অঙ্গের প্রত্যেক অংশের পরিবর্তে একটি প্রত্যেক অংশের পরিবর্তে সকল অঙ্গের পরিবর্তে একটি প্রত্যেক অংশের পরিবর্তে সকল অঙ্গের পরিবর্তে একটি প্রত্যেক অংশের পরিবর্তে সকল অঙ্গের পরিবর্তে একটি প্রত্যেক অংশের পরিবর্তে সকল অঙ্গের পরিবর্তে 

APPENDIX II

কাজই শে (র + অই + অন হইতে শরীর হইবে; শেষের ই + অ বোধ হইতে 'ই' হইবার। আবার ঐরূপ ঐ অক্ষরটি আ + ই বলিয়া, বিনে + অরে হইল বিনায়ক। অমাঝে পড়িলে 'ই' উচ্চারিত হইতে, দৃশ্য অক্ষর 'সখ আগছে' 'সখায়াঙ্গা হইবে' এই বিকলের রূপ দুইটি লক্ষ্য করিলেই চালিবে। প্রকৃত ভাষায় কিছু এসকল শরীর 'ই' হয় না, 'আই' থাকে। কিন্তু প্রথমে অাওরাজে যদি বোধ করে দেওয়া যায় (অর্থাৎ যদি তাহাতে Accent থাকে) অর্থাৎ উদাত্ত হয়, তাহা হইলে পরব্রহ্মে রূপকে তেমন আবার শায় লুপ্ত হইয়া যাওয়া। চাই, শেষের খার বেশী দুর্লভ হইলে প্রথমে Accent-ষুক রূপকে লোপ করিতে পারে না, বরং নিজে অজ্ঞাত হইয়া থাকে। যখন সম্ভবনায়ের পদে, কবে, সক্ষে, ওহে। প্রাত্রিত্ব উচ্চারণ করা যায়, তখন ঐ শব্দ গুলির খাবে যে Accent থাকে তাহার 

বুঝাইতে হইবে না। কাজই সম্ভাপন, এই অমরনাল, প্রাত্রিতে 

যথার্থ সন্ধি না হইয়া কেবল 'আ'কারের অন্ত উচ্চারণ রাখা হয় মাত্র। 

কিন্তু 'আ' 'ই' প্রাত্রিত্ব সম্পত্তি অধ্যাত ঐতিহ্যে পরে থা। কে প্রথম নিদর্শন নিয়মই ঘটে। শে + অন্য এবং সক্ষে + ইই। প্রাত্রিতে সতত-পার্থিক 

করিতে প্যারাম নাই; এই নিয়মের মধ্যে ধরিয়া লইলেই চলে। 

উল্লিঙ্গ, এই + সক্ষে, অন + সক্ষে, এই + একত্রে প্রাত্রিতে হইলে বৈদিক 

ব্যক্তির সন্ধি হয় না। পদাঙ্গের স্বত্ত্ব গুলির বিদ্য্যায়িত থাকে; নিচে নজর পর্যন্ত বিদ্যায়িত থাকে। কেবল একটি সাধারণ সন্ধির সূচি করিয়া 

সকল শব্দকে এক নিয়মে বাঁধিবার অভিপ্রায়েই পরব্রহ্মে যুগে সন্ধির 

নিয়মের সূচি হইয়াছে। তবে, এক-সভাব্যে সন্ধি করিয়া শব্দ যাতে 

জটিল হইয়া পড়ে বলিয়া বৈদিক বিধিক রক্ষ। করিয়া বিশেষ যুগে, 

উ উল্লিঙ্গ প্রাত্রিতেকে অযুক্তই রাখা হইয়াছে। এখানে বিশেষ প্রতিত 

মৌলিক সাধারণ হয়। 

সন্ধি করিয়া যেখানে এক বন্ধ বিলচন বুঝিবার বল হয়, কিন্তু 

একটা Accent নষ্ট হইয়া থায়, যেখানেও বৈদিক নিয়ম রক্ষ। করিয়া 

সন্ধি বোগের মূল রচনা হয় নাই। তাই এখনা শব্দ + ইইমো, অন্য + 

অনাধিক গোটাকলক পুরুষকালের মত আছে।
১৫০ অ্যাপেন্ডিস পর বিসর্গের স্থান কথা বলিব। অথবা বাঙ্গলা-সংক্ষিপ্ত অপেক্ষা সংস্কৃত ভাষাতেও ঐটির বেশি প্রয়োজন আছে। কিন্তু বিসর্গের স্থান কথা বলিবার পর্যন্ত কয়েকটি বাঙ্গলনবেশের উচ্চারণের কথা বলিব। যে ভাষা 'সংস্কৃত' নামে আখ্যা পাইয়াছে, উহাতেই বিসর্গের একটি ব্রত্যায় বাঙ্গলা উচ্চারণ পাওয়া যায় এবং সে উচ্চারণটি একালে অধিক পরিমাণে 'হ' বর্ণটির উচ্চারণের কাছকাছি। এই ব্রত্যায় থেকে উহা একটা বর্ণ বলিয়া গণিত হইয়াছে; নহিলে যা, রা, লা ব্রত্যায় মত উহারা বর্ণ সংযোগে জাত আওরাজ' মাত্র। পাণিনি ব্যাকরণে ৎ ওঃ (আথরা বিবর্ণনীয়) বর্ণমালার মধ্যে স্থান পাই নাই, পরে পাইয়াছে। এবং চক্ষবিদ্যুত অন্ধানিয়ের উচ্চারণে ভেদ মাত্র। যেখানে মিশ্র আওরাজে অন্ধানিয়ের ধর্ম উচ্চারণ, সেখানেই স্থান হয়ে এবং '।' সাধারণ নিয়মে বলিয়া গেলে স অক্ষরের স্থানবিশেষের উচ্চারণই বিসর্গ। 'র'জাত বিসর্গের কথা পরে বলিব। হয় ত পার্চিনকালের উচ্চারণ পদ্ধতি আমাদের ব্যর্থচে অক্ষর লাগিয়াছে বলিয়া, সাধারণ শ্রীগীর লোক কোথাও কোথাও কুষ্টকে 'ফুন্থ' কথাটিকে 'ধুন্থ' উচ্চারণ করিয়া থাকে। বিসর্গের সাধারণ মূর্তি উচ্চারণ 'স'; শ, স, স্তিনটির মধ্যে একটা সাধারণ আওরাজ আছে, যাহার জন্ত স্তিনটিই একনামে পরিচিত হইয়াছে সেই সাধারণ অ্যাওরাজ তুকি ভাবিয়া লইতে হয়, লিখিয়া বুঝা যায় না। তাঁর হইতে উচ্চারণ করিলে 'শ' ব্যর্থ উচ্চারিত হয়, তাহাতে যে ধর্মনিষ্ঠা তেলেও তামিলের 'চ' উচ্চারণের কাছকাছি যায়, তবে 'শ' উচ্চারণটি অট্ট কঠোর রকমের ফ্রাম এই আওরাজের সহিত যুক্ত। তামিলে 'শ' একটু কোমল করিয়া উচ্চারণ করে বলিয়া 'চ' এবং 'শ'-এ কোন প্রভেদ নাই; একই অক্ষর উভয়ের প্রয়োজন নিপুণ করে। পূর্ববর্তী কোন স্থানের 'চ' ও 'ছ' বর্ণের উচ্চারণের প্রায় ব্যবৃত-উচ্চারণের কাছকাছি। মহারাষ্ট্রের 'চ' ও 'ছ' ও প্রায় তেলেও তামিলের মত উচ্চারিত। স্থানের নিয়ম দীর্ঘ। মনে হয়, পূর্ববর্তী চ ও প্রায় ব্যবধান উচ্চারিত হইত, উভয়েই উচ্চারণ স্থান তালু। য উক্ত উক্ত পশ্চিম গুরুত্ব হয়। গিয়াছে, আমারা কথা কথা 'কথা' উচ্চারণ করি, আমাদের
APPENDIX II

APPENDIX

II

151

The text is in a mixture of Bengali and English. It appears to be a continuation or appendix to a previous discussion, discussing mathematical or scientific concepts. The text is not fully legible due to the quality of the image, but it seems to involve expressions and equations.

The text includes mathematical notations and symbols, which suggest it might be discussing a technical or scientific topic.

The text is not clearly structured and does not provide a clear narrative or argument. It seems to be a collection of notes or ideas, possibly for a draft or a rough version of a larger document.

The text is written in a free-flowing style, with no clear segmentation into paragraphs or sections. It appears to be a work in progress or a rough draft.
APPENDIX II

For $r$, generalised $rtt_c$, $T$, $s_f$, $ftfI$, $f^gnt$ ig$c^i$
এখন যদি উচ্চারণ ধরি। বিচার করিয়া যায়, তাহা হইলে এই মাত্র বলা চলে যে, পালিয়ার মত যদি অকারান্ত শব্দের ওঠেই। উচ্চারণ হইবেই (বিসর্গ পরে থাকিতেই হয় ত সেই প্রাকৃত উচ্চারণের স্থিতি) তাহা হইলে সর্বমস্তে বিসর্গের উচ্চারণের লোপ, এবং ও-কারের উচ্চারণের প্রাথমিকতা থাকিবে। ‘অ’ পরে থাকিলে লুপ্তচিহ্ন রাখিবার ব্যবস্থা আছে, তাহাতে প্রথম বুকিতে পারা যায় যে, কোন অক্ষরই লোপ পায় না। কেবল প্রথম পদে যুক্ত উচ্চারণ দুইবার তীব্রতার প্রাথমিক থাকে। বিসর্গের পর অকার ভিন্ন ঘরবর্গ থাকিলে প্রথম শব্দটিতে ‘ও’ আওয়াজ রাখা অনুষ্ঠান পূর্বে তাহ। অন্য রহিতের বিচারে বলিয়াছি। তাই হইতে কেবল বিসর্গ লোপের ব্যবস্থা আছে। গ-হ বাঙ্গল পরে থাকিলেও কেবল ওকার রহিয়া যায়। অর্থাৎ বিশেষ কিছুই হইল না। যেমন ছিল, তেমনি রহিল। ঠিক ঐস্টে আবার আকারের পরে বিসর্গ থাকিলেই এবং বিসর্গের পর ঘরবর্গ এবং গ-হ বাঙ্গল থাকিলে কোন স্থির হয় না। বিসর্গের উচ্চারণ ঐ স্থলে বিশেষত পাইয়া ফুটিয়া উঠিতে পথ পায় না; এই পর্যন্ত। তাহা হইলে বিসর্গের একটা স্থির রহিল না, অথচ ঐ স্থির মূলক করিতেই যত গোল ঘটে।

ক, খ, প, ফ প্রভৃতি পরে থাকিলেও বেদিয়াল কোন স্থির হইত না; তবে যে সময়ে বিসর্গের প্রাথমিক দেওয়া হইয়াছিল, তখন বিসর্গের মূল উচ্চারণ ‘স’ রাখিয়া হইয়াছে মনে। সাধারণ স্থির নিয়মে উচ্চারণ পাই। কাজেই এখানেও কোন রহিতের প্রাথমিক হইল না। কয়েকটি
বিশেষ দৃষ্টান্ত ছাড়া সর্বকেই ঐ য় মুর্দাঙ্গ। ক, খ, প, ফ পরে থাকিলে কঠোর উচ্চারণই বাড়াবিক; কিন্তু বিসর্গটি অকারের পরে থাকিলে আওয়াটি অপেক্ষাকৃত নরম হয় বলিয়া নমস্ত্র প্রাচুর্য শরে, 'স' উচ্চারিত হয়; অথ স্থলে মুর্দাঙ্গ য হয়।

কিন্তু একটা কথা বুঝিতে পারিতেছি না। কোন একটা বিশেষ রীতিসিদ্ধি (idiomatic use) অনুসারে, অ আ ভিন্ন বর্ণের পরের বিসর্গের স্থানে প্রাচীন কালে 'র' হইত, দেখিতে পাই। এই নিয়মটি বেদের পদপাঠের প্রতি লক্ষ করিলে বৈদিক যুগে ছিল না বলিয়াই মনে হয়। কিন্তু প্রাচীন গ্রাম্য-সাহিত্যের সংস্কৃতে এ স্থলে আছে।

পালিতে আবার এমন অনেক স্থলে সম্পর্কে 'র' আসিয়া উপস্থিত হয়, যেখানে না আছে 'র না আছে 'র'এর সঙ্গে দৃষ্টান্ত আছে কিছু।

তবুও কেন হয়? র পরে থাকিলে বিসর্গ নির্দিষ্ট করে স্থতি আছে, সেইরূপ কার্য হইবে বলিয়া অন্য করা যাইত; অথবা বিসর্গের পর একটা কেবল দীর্ঘ উচ্চারণ হইতে পারিত। কেন না ঐস্থলে স্থত কর এর একটা সংযুক্ত কঠোর উচ্চারণ পরিহার করিবার কথা মাত্র।

যেমন নীরস, পিতার্কার্ক প্রাচুর্য হয়, তেমনি যদি নীরস, নীরস প্রাচুর্য হইত, তবে আমাকে মাথা ঘামাইতে হইত না। এখানে রামমাণিকের সি, সিজু, সিম মনে পড়িতেছে। যেননট চাই, ঠিক তাই ঘটে কে? বিসর্গের স্থল আদেশ নাই বলিয়া কালাসের চেষ্টায় ছিলাম এবং “তো যথাঙ্গন” এবং “স হসতি” বলিয়া আরে হট শুঙ্গ ধর্ম করিতে পারিতাছ; কিন্তু দায়ে ঠেকিয়াছি। একটা অনুমানের কথা বলিব। অনুমান অনুমানমাত্র—সিদ্ধাস্ত নহে। নির্ভর নীরস প্রাচুর্য হইত। যথা—নির্ভর, নির্ভর ইত্যাদি। পালিতে, অথবা সেকালের সাধারণ মেধাকথনের ভাষায় রেফু লোপ করিলে দীর্ঘ উচ্চারণ হইত; এখনো বাঙালায় উহা প্রচলিত আছে। যথা—ধর্ম স্থলে ধর্ম, কর্ম স্থলে কর্ম ইত্যাদি। হইতে পারে, যে যখন গ্রামকেক ঘোষিয়া মাজিয়া সাধু বা সংস্কৃত করা। হইয়াছিল, তখন সাধারণ একটা নিয়ম বা হস্তের মধ্যে
একচেহারার সকলকে ফেলিবার উদ্যোগে, "ধর্ম" প্রভুতির Analogyতে নিবৃত্ত প্রভৃতিকে নির্ভর করিয়া নূতন হৃত গড়া হইয়াছিল। আমার অন্যমানটি পশ্চিমসংযোগে যদি দেবাং প্রায় হয়, তাহা হইলেও একটা খটুকা রহিয়া যাইতেছে।

যদি এমন হইত যে, ওগুলি র-জাত বিষয় দেহগুলির হলেই র হয়, তাহা হইলে সহজ সিদ্ধান্ত হইত। কেন না বৈদিকযুগে র-জাত একটা বিষয় নয়; সহজ রকমে র-অক্ষরে হস্ত উচ্চারণ মাত্র। বৈদিকযুগের বহির্গতি সময়েও পুনর, প্রাতর, অন্তর প্রভূতি কোন কোন ব্যবহার হইত; কাজেই সময়ের র সৃষ্টিক। দিবার সময় বিষয়ের হৃত ভাবিবার দরকার ছিল না। কিছু ব্যাপ্তির সাহিতেই যখন প্রাতর প্রভূতি ছাড়ি স-জাত বিষয়ের স্বল্প ‘র’ আগমনের কথা পাই, বরং পাণিনিকেই যখন বিশেষ হৃত রচনা করিয়া—অংস, উৎস, অবস, স্বল্প রেন শুদ্ধ হয়, বলিয়া একটা বিশেষ হৃত লিখিতে হইয়াছে, তখন আর প্রাকৃত নিয়মের সৃষ্টিতে একটা হৃতকে উড়াইয়া দিতে পারিলাম না। বিচার্যের ছাত্রের মূখের ভঙ্গ ঐটি প্রশ্ন থাকুক। ওগুলির মত একটা উচ্চারণের নিয়মের বশবাদী করিয়া উহাকে প্রাকৃত আওয়াজ বা শবরক্ষে বিলীন করিতে পারিলাম না।
HOW CHHĀNDASA IS RELATED TO LATER ARYAN SPEECHES.

LECTURE X

Chhāndasa, i.e., the Vedic language of old, has been spoken of in these lectures, by implication generally, as the source-head from which the Indian Aryan speeches of all times and of all provinces have evolved. I am aware, some noted European names are associated with theories, which run counter to this proposition or assumption; but as those theories rest wholly upon the authority of noted names, and not on facts which can be handled and discussed, no one can possibly combat them: facts, I have adduced before, I adduce presently in this lecture, and I shall have to adduce in subsequent lectures, should all be considered together, to test the correctness of my proposition. I have stated in some detail, of the influence of the speakers of non-Aryan tongues, to explain various deviations from the norm; I shall try to show in this, as well as in another subsequent lecture, how in a prākrita or natural way, many Prākritas or provincial vernaculars arose from Chhāndasa, and how the ever-progressing Prākrita speeches went on modifying and being in turn modified by the literary language of curious genesis, which has come to be designated as Sanskrit. It will be seen, how failing to notice the influence of a mixed people, in the matter of formation of the Prākṛta speeches, and how failing to observe the influence, which could not but be exercised by the living vernaculars, upon an artificially set-up literary language, some philologists (Dr. C. C. Ullenbeck, whose words I presently quote, is one of them) have asserted that "the Sanskrit dialect of middle country
descends from some other old Indian dialects than the dialect met with in the Vedas." As to this part of our proposition, that the growth of various Prakṛtas has been partly due to diverse ethnic influences, a good deal has already been said, and something more will have to be said later on; I may however notice here, what Mr. A. H. Keane has observed, regarding the cause of wide diversity existing among the speeches of various groups of Aryan origin (both Asiatic and European), after considering all the groups on a comparative table at p. 412 of his Ethnology. His words are: "The profound disintegration which is shown in this table and which is immeasurably greater than in the Semitic family, is mainly due to the spread of Aryan speech amongst non-Aryan peoples by whom its phonetic system and grammatical structure were diversely modified." That for the very reason, the Chhāndasa speech in its turn, has transformed itself into various dialects in different provinces of Northern India, is what has all along been emphasized.

As in all sober and serious investigations into the causes of phenomena, we have to determine the natural causes and not their supernatural seemings, we have to push on in the matter of our enquiry an intensive study of actual facts, and should not seek to explain things by what might have dropped from the skies—by importing some imaginary patois-speaking hordes from elsewhere. If even the explanation, we offer, prove inadequate, there will not be any justification in setting up the figments of our imagination in the name of theories, to solve our difficulties.

We have to first direct our attention to the character of the language of the Vedas, called Chhāndasa. I use the word Veda in a very restricted sense here; in this restricted sense the word Veda, indicates the mantra literature,
preserved in the four Samhitas, viz., the Śāman, the Rk, the Atharvan, and the Yajur. The very term Samhita clearly signifies, that the Mantras or hymns and prayers as were extant (no matter whether in writing or in the memory of some priestly families) at the date of the compilation, were compiled either exhaustively or by making a selection of them in the books named above. We can very unmistakably see, from the arrangement of the contents of the Samhitas, and from what has been said of the Vedas in the old time works relating to them, that different ritual purposes led to the compilation of different Samhitas.

It is to be noted however, on the one hand, that the old orthodox works from which the purpose of compiling the Vedic mantras can be gathered, show by their suggestions and discussion regarding the Vedic vocabulary and the Vedic Grammar, that at the date of the compilation of the Samhitas, the mantras of varying times (i.e., both old and new) were old and archaic enough to the compilers; on the other hand, we have to notice, that though many mantras are much removed in time from one another, the language of the Vedic Samhitas may be declared to be one and the same. What Whitney has said by comparing the oldest and the latest linguistic forms occurring in the Vedas, may be profitably quoted here, in support of the latter statement; the scholar writes in his well-known Sanskrit Grammar, that "the language of the अथवा बनेद though distinctly less antique than that of the Rigveda, is nevertheless truly Vedic. The students should do well to study Professor Macdonnell's excellent work on the Vedic Grammar to learn aright the character of the Chhändasa speech, and to see clearly how the language even of the oldest Brāhmaṇa literature differs from the Vedic. I can therefore say, that since the compilers of the Vedas got
together the then extant hymns and prayers, no matter whether they had been composed at a very early date or at a comparatively recent time, it cannot be asserted with any degree of propriety, that any portion of the contents of a Samhitā, is a later addition or interpolation in that Samhitā. The language of the mantras, new or old, was old to the compilers, and lateness in the matter of composition, did not or rather could not detract from the religious merit of any mantra. The western scholars, I have stated before, have set forth distinctly, what elements are old and what are new in the Vedic language. The contents of the Vedic Samhitas may now be arranged in a rough chronological order on the basis of linguistic evidence. The light furnished by this research, enables us to make this important discovery, that even in the earliest known times, the Aryans of India spoke various dialects of one common speech, and that the mantras were composed in a standard central language, which as a literary language dominated all the provincial dialects, and at times helped the fusion of those dialects. I use the word 'literary' very advisedly, and propose to explain the significance of it later on. The facts which warrant us in arriving at this conclusion, that even the earliest Vedic mantras point to the currency of many dialects in ancient India, cannot be very fully and fitly discussed here, but as we have to build a good deal on the basis of this proposition, some examples should be adduced to prove its soundness. As of the essential factors which determine a language, the pronouns have a high value, let me put forward here very briefly, the evidence which the personal pronouns tender in this direction.

Prof. A. A. Macdonell has observed with his usual scholarly acuteness in his monumental work on the Vedic Grammar, that the personal pronouns seem to be derived
from several roots or combinations of roots, as they are specially anomalous in inflexion. An analysis of the pronouns will perhaps justify us in striking a less uncertain sound.*

अस् (अस्म) and यस् (यस्म) are accepted by all the old grammarians as the basic words for the pronouns of the 1st and 2nd person respectively. I need hardly point out, that the very अस् and यस् occur in many formations in the declension of pronouns of the 1st and 2nd person respectively. It has to be noted that the personal pronouns in the nominative case take अम् like a suffix (cf. तु + अम् = तस्म and also the अम् endings in dual and plural), and this अम् in like manner occurs in the Nominative Singular of the Demonstrative अर्म and the Reflexive ब्रह्म. I do not feel inclined to accept the suggestion that this case-differentiating अम् came from the Dravidians who affix अम् to nouns of all classes, though the close proximity of the Dravidians to the Aryans of the earliest time cannot be very reasonably denied. That अस् and यस् are reducible to अः and यः in Sanskrit, need not be stated. That the Visarjaniya of अः develops the simple aspirate of ḫ in pronunciation, is also very clear. We can see, that denuded of the appendage अम्, अहम् stands as अह्. We may note in passing that this अह् corresponds with Ich of German, I of English, Io of Italian, or rather Ego of Latin

* I have nothing to do with the theory of Aryan migration, nor with the hypothetical parent tongue of the so-called Indo-Germans, as I have to study the speeches as actually developed on Indian soil. The unscientific theory of the philologists who may be said to be represented by Brugmann, regarding the imaginary old pronouns of a supposed old language, may be left out of consideration, as we are concerned here with the forms of which actual evidence may be collected. The Dodo birds of nasal sonants of an unknowable people may be allowed to remain in the fancy museum of the philologists, for we have to deal with the actual fossils as may be found imbedded here in India.
and Egon of Greek. However, does not appear to have been the only form in the Nom. Singular; a pronoun either of simple basis or in the form of a अ म is strongly supposed to have been a form, in use in a dialect when अ म was current in another dialect, for in the first place अ म is found agglutinated with the Parasmaipadi verbs in the first person singular, and in the second place the singular forms मा, माम् ( मा + अ म), मया, मद्, मे, and मन् point to a simple म base with which etymologically they must be connected. That no म can be traced either to अ म or अ द is pretty clear. Moreover such a Vedic form as माबम् (like me, cf. हाबम् like you) shows that मा was treated as a stem, i.e., a word unchanged in form in the process of declension. While considering the early fossils of the pronouns of the 1st person, we have to notice that besides तु, यु् is a form of the pronoun of the 2nd person, though the latter form occurs only in dual and plural.

For further fossils let us analyze the interesting dual forms of the personal pronouns. In the language of the early Samhitās, we get बाम् as the dual form of अ म and this very बाम् is the accusative dual of तु or यु्. The form आबम् is a very late form, occurring not earlier than the time of the ऐतिहासिक ब्राह्मण, while the शतपथ ब्राह्मण gives perhaps the earlier form आबम्. We know that बस् occurs as a plural form of the personal pronoun of the 2nd person and नस् as a plural form of the personal pronoun of the 1st person. The dual बाम् appears pretty distinctly as the combination of ब + अ + अ म to signify 'you and I' together. Perhaps to avoid confusion, आ of अ म was further prefixed to बाम् to signify the 1st person, while additional यु was prefixed to signify the second person in creating the forms आबम् and युबाम्. In the plural form बस्म्, we only notice the lengthening of the penultimate vowel sound with a stress to denote plurality as if by the primitive case-denoting
gesture or modulation of voice. This व or rather कस् and नस् no doubt occur as plural forms only here in India as well as in other Aryan speeches elsewhere; but we find in India नौ as a dual and व in conjunction with अ of अस् in some dual formations. As नौ can be detected as a comparatively later time formation, I am strongly inclined to suppose by looking to the use of नस् and कस् in the Vedic language, that नस् of the 1st person and कस् of the 2nd, were such very early forms in an Aryan dialect as denoted all numbers and cases alike, and their various significations could only be gathered from such accents of the speakers as are allied to primitive case and number-denoting gestures. In this connection I just refer to the personal pronoun of the 1st person in use in Dravidian tongues which has only seemingly the ‘न’ stem. I refer to this fact to show that there is no connection or affinity of Aryan अ with the Dravidian न; I should point out that नी of Tamil and ने of Telegu (as in नेम् or नेस्) which signify ‘I,’ are based not on न, but on अ, as the early Dravidian forms show.

We thus see, that अस्, नस् and a pronoun of म stem for the pronouns of the 1st person, and त्र, कस्, and यस् for the pronouns of the 2nd person were once in use in pre-Vedic days. The remarks of Joseph Wright as recorded in his Comparative Grammar of the Greek language, are no doubt correct that many forms of one single pronoun may come into existence in one and the same dialect, and that by virtue of different sort of accent on different forms of a pronoun, one form may represent one case and another, the other; but when altogether different forms occur, it is reasonable to hold, that they come from different dialects, since looking to the history of different languages and to human psychology, we have to admit that to express a common or familiar or oft-occurring idea, more than one
word does not become current in a dialect. Ethnology discovers to us that the Aryans were not a homogeneous people, but as forming a culture group, they were composed of various ethnic elements; I think what we have discussed confirms the proposition of Ethnology.

Just another fact regarding the lost forms of pronouns. I have spoken of the verbal suffix निः as a fossil of a personal pronoun of the 1st person; let us now inquire into the origin of नि of the second person as in करोक्षि, and of ति of the 3rd person as in करोति. As for ति we can trace the origin to त् stem which is virtually but a simple त, for excepting in the Nominative Singular the stem त does not lose its identity. Adverting to the cases of नि and ति, it may be naturally supposed, that नि of the 2nd Person Sing. was not an arbitrary symbol at starting, but that नि must have been originally connected with a stem of the personal pronoun of the second person. I am not competent to say if the German form "sich" lends some support to this view. Referring to the history of some Greek suffixes, Joseph Wright has rightly remarked, that though little is known of the origin of numerous suffixes, it may be reasonably supposed that those suffixes had originally an independent meaning and that in some cases they were independent words. A word of caution, however is needed here: some symbols or endings to denote case, or number, or person, as simple आ or इ or ए for instance may be reasonably supposed to have originated from primitive gestures and modulations of voice, and not from words conveying independent meaning. I may add that the Dravidian pronouns अ, इ, ए and ओ as well as the Aryan अ of अस and ई of ई क might have originated from mere gestures accompanying sounds in primitive days.

We have not discussed words and forms of various classes, but all the same our brief discussion leads us to
hold, that long before the dissemination or dispersion of Aryan speech or speeches in Europe, the Aryans developed a central dominating language, amid a good number of dialects of theirs. This dominating language seems to have attained such a perfection in the dim past, as characterizes a literary language,—even though letters or art of writing did not come into existence. I just cite two examples, in addition to what has already been stated, to explain what I mean by the literary character of the pre-Vedic language. Such natural lispings or utterances of children, as have been the roots of words for father and mother in many languages of the world, as Bā, Ābbā, Pā, Āmmā, Mā, etc., are found in well shaped forms in all Aryan speeches, and the forms पितर् and मतर् framed by a generalized grammatical rule, are found grouped with other relation-indicating words, such as भात्र्, and हित्र. For the next example, I refer to the tense system; on the evidence of tense system of old Greek as agreeing with those of Vedic, we may hold that the pre-Vedic language attained a high literary character.

I have thrown out suggestions, as to what was in all probability, the position and character of the Aryan language in pre-Vedic days. It goes however without saying that the Chhândasa language as disclosed by the early Vedic Samhitās, is a very rich and well-developed literary speech. It has to be borne in mind, in this connection, that inspite of the unifying influence of a central literary language, the provincial dialects do not all necessarily die out, and they may at times continue to live with full vigour, getting fresh lease of life under some changed conditions. That the Vedic language became in course of time purely hieratic, because of the sacredness of the mantras, and was not, or rather could not therefore be allowed to be changed with the changing conditions of time, can be well established
by the evidence of the Vedic Grammarians. Every language is bound to be transformed into a new and a newer form with the progress of time, but if for any reason any particular class of a people seek to keep the obsolescent speech intact, the old speech becomes the special property of the particular class, and ceases to be the language of the people. Moreover, when a people loses its homogeneity, or when class differences occur because of cultural difference, and as a compensating measure a wide mass education through the standard literary language is not adopted, provincial dialects grow with great vigour, and no class, howsoever influential, can keep the literary speech alive. We notice a gap between the language of the Vedas, and that of the Brāhmaṇas, and a wider gap between the language of the Brāhmaṇas and the language which may very fitly be designated as Sanskṛta, to signify its character as dressed up, polished or perfected. That these gaps have to be explained by circumstances broadly indicated above, will be discussed presently.

Our discussion will no doubt be extremely brief for the subject; but all the same we have to take all the salient points into consideration step by step. First of all we have to notice, that Chhāndasa discloses the characteristics of a living language. That the artificial rigid rules of Sandhi or euphonic combination were not in force in Chhāndasa, and that a regular and thoroughgoing accent-system existed in the speech, have been shown in some previous lectures. That we are required to read Sanskrit verses (which are wholly quantitative) by raising or lowering our voice according to the unalterably fixed vowel sounds as long or short, and not according to word accent or phrasal accent, has also been noticed before, to show the artificiality of Sanskrit, from accent point of view.
As it is impossible for a real human speech to be without an accent system of its own, so is it that a living speech must undergo to some extent, what is called phonetic decay. I proceed to show that the phenomenon of phonetic decay, which can be fitly translated in our Vernacular by the term *Apabhraṃśa, is distinctly noticeable in Chhāndasa. Shades of Prākṛta grammarians! What a heterodoxy it is to notice apabhraṃśa in the holy speech of the Risis!

Before giving some examples of loss of letters in the Vedic words, we may remark that during the Vedic days (specially the later Vedic days) the speakers did not very much tolerate initial conjunct mutes; that in the Dravidian language Tamil, such a thing is not tolerated as a rule has been distinctly stated in a previous lecture. The examples of loss of vowels and of change of sounds cannot be taken up for discussion, as that task involves detailed exposition of the Vedic morphology. I have already spoken of the reduction of many dentals into cerebrals and of the growth of such forms as विक्रत from विक्रत and एक्ट from एक्कूत. I give here below, first some examples of loss of consonants, and then some examples relating to general phonetic decay, as the history of the forms for numerals indicates. (1) We get

*Apabhraṃśa, in its proposed use requires an explanation. Very arbitrarily, this term which literally means decay or rather phonetic decay, has been made to denote a class of Prākṛta speech of no definitely distinctive character. As all the Prākṛta dialects grew by varying from the norm (no matter what that norm is), and as no standard Prākṛta can really be set up without resorting to an artificial and unscientific method, the term Apabhraṃśa cannot be misused to designate a particular class of Prākṛta speech. We cannot forget that all our provincial vernaculars have always been called Prākṛta by the Hindu scholars. Consequently the word Apabhraṃśa may be fitly used in its literal sense to indicate phonetic decay.
Kambhana for Skambhana in many passages in the Rgveda, though Skambhana is not extinct; (2) Scandra (brilliant) occurs no doubt in many passages, but candra (brilliant) is generally met with; the word candramas derived from it, is the only form to signify moon; (3) and (4) along with तनमित् (from तन thunder) and वायु (thief from stena) we get tanayitnu and tāyu; (5) we get the earlier form str as well as the later form tr for star; the feminine form गी (wife, one who shines in the house) retains the original stem; (6) we notice the loss of initial consonant in तुरीय (fourth) derived from the word चतुर्. Such examples of decay as have been rightly inferred by Prof. Maedonell from the words of cognate languages, are purposely left unnoticed in this lecture.

Numerals.—In the history of the growth of many numeral forms, as discussed hereunder, all such losses will be noticed as are characteristic of downright apabhraṣṭa words of the Prākṛta grammarians. In the compound cardinals of genuine early formations, we should notice that ॐ which develops into ॐ in euphonic combination, indicates two, while त ि signifies ‘twice’ and तम: and चतुर्ष signify ‘three’ and ‘four’ respectively, while ति and चत्वार signify ‘three times’ and ‘four times’ respectively; दश (two + ten), त्रियोदश (three + ten) and चतुर्दश (four + ten) may be contrasted with the forms analysed below. (1) In the formation of the word बिंश we get बि+दश; there has first been the loss of initial ं, and then we notice that to compensate for the loss of ं of दश, a long sound comes in, which is represented by अनुष्ठार; that a nasal naturally develops at times in making a sound long, has been fully discussed in the 6th Lecture. As to the decade indicating ति which occurs unchanged as final in बिंशति, षठि, सप्तति etc., and in a changed form in बिंशं, चत्वारिंशं, and पञ्चाशं, some
remarks will presently follow. I may remark by the way, that in the formation of बौद्धिक in Pali, the loss of अष्टवार has been made up for by the दीर्घ. (2) In the formation of अष्टिति (अष्ट or अष्ट + दश + ति) we notice the loss of the second and the 3rd syllables, and the penultimate is conjoined to the long vowel ध्र. (3) In the formation of षोड्धश (षष्य + दश) the compensating long ṃ and the development of cerebral sound द्र may be explained by संस्कृत rules partly. (4) The history of decade indicating ‘ति’ is shrouded in mystery. When we compare, for example बंशिति with Venti of Italian, we may say that the latter form is merely a reduced form of the former, but when we take the history of ‘ति’-ending of twenty, for example, our difficulty increases; the word twenty is derived from twain (old masculine form of two) shortened form of tweegen, + tig; the last component tig is from Gothic tigjus = ten. Here we see that ‘ति’ represents the number ten; if we suppose that our ति had such a history to become naturally a decade indicating suffix, we must admit that in the formation of Vedie Compound-Cardinals an additional or unnecessary suffix was added. In Vedie Compound Cardinals Saṣṭi (षष्य + ति), Saptati and Navati, ‘multiplication by ten’ is indicated by ‘ति’ alone; if these three be really the earliest forms, ‘ति’ may be regarded as a fossil of a word for ten as might have been current in one dialect of the Aryan language beside दश of another.

Though our illustrative examples have been a few only, we think we cannot fail to see from the examples of some pronominal forms and from the history of some words, that Chhândasa was subject to the processes of dialectic regeneration and phonetic decay, processes to which all living languages have always been and ever will be subject. I mention over again, that by its regular and
thoroughgoing accent system, Chāndasa discloses the character of a living speech.

I have said that we do not know when the Vedic Mantras were compiled as Samhitās. We do not also know what became the form of the language of the people, when the Mantras having been an object of special preserving care of the priestly class, a hiyeratic speech had to be necessarily maintained, as Latin was once maintained in Italy, to express religious thoughts with such purity of speech as the gods were supposed to demand. That a long time intervened between the time when the Vedic language was current and the time when a scholastic revival took place can be inferred from lots of statements occurring in the Brāhmaṇas. The fanciful history we get of the Vedic Mantras, the manner in which the Mantras have been explained and grammatical and accentual peculiarities of the Vedic language have been discussed, warrant us in holding that the earliest Brāhmaṇa must be much removed in time from the latest Vedic Mantra. The propositions in the Brāhmaṇic literature, that the Vedic forms should never be deviated from, and the proper accent of the Vedic words, should be carefully studied and learnt, very distinctly show, that for religious purposes a hiyeratic speech was artificially maintained, on the Vedic lines. I am going to adduce many facts in support of my position in the course of this lecture, but the facts noted above justify us in holding tentatively, that when the Samhitās were compiled with the Mantras of varying times, the grammarians of the priestly class studied the language of the holy works with an astonishing scientific accuracy and framed artificial generalized rules to make some heterogeneous elements look like one homogeneous whole. This is why various shades of meaning of many forms merged into a dead unity in the artificial
Later Aryan Speeches

Language adopted by the priests in writing on the subject of the Vedas.

As to the true nature of successive changes (I purposely use the word *successive* and not *progressive*) noticeable in the polished literary speech or speeches from the post-Vedic days onward, as differing essentially in character from what may be noticed in a living language in its course through ages, a deal will have to be stated presently; as a preliminary step, I offer my observations, as to why it could be possible for the Brāhmaṇa and the cognate literature produced at different times to present essentially one and the same language. It is a familiar phenomenon, that even to-day our high class Pandits imitate very closely and wonderfully not only the ancient language, but also the style of some ancient works when dealing with them, or when writing something new after those ancient works. For a disquisition, or dissertation on the subject of नीति or polity for example, scholars of a very late time have been noticed to have adopted the form and style of the old time Sūtras: such a work of a very late time (not earlier than the 6th century A.D.) as the गलेश्वरभाष्य will be found executed in the style of and partly in the language of the ancient Brāhmaṇas.

I cannot say when the term *laukika* as occurs in Pānini’s grammar came into use to designate the hieratic language of post-Vedic days; in all likelihood it was long after the time of Gautama Buddha, since that sage who was undoubtedly a great *siṣṭa* person, did not know the term as my reference to the Vinaya Piṭaka (Cullalvagga V. 33. 1) will clearly prove. Two Brāhmaṇ discipes of the veritable Śiṣṭa class who avoided speaking the vulgar speech of the time and spoke the speech which was then associated with culture and prosperity in life re-
quested their master that his words or teachings might be allowed to be recorded in the language used by the cultured Brāhmaṇs, viz., the Chāndasa (ছন্দসো আরোপম are the words in the text) and should not be allowed to be vulgarized by being recorded in the current speech of the people (সকায় নিরক্তিয়া are the words in the text). The celebrated orthodox commentator of the Vinaya text rightly interprets the polite language by the Sanskṛta language of the Vedaś, and explains সকায় নিরক্তিয়া as মদ্ধবোহারে। i.e., the language then current in the Magadha Country. The whole of this important text is given in the foot-note below for reference.*

We have to first notice, that if the polished respectable literary language of the time were known by the name laukika as distinguished from the obsolete Chhāndasa, Budha and his learned Brāhmaṇ disciples were sure to use the term laukika, for it was the Classical Laukika of the Brāhmaṇa literature as distinguished from the real Vedic language, which came into vogue in those days as the fit vehicle for all serious thought.

*তেন খেো পন সমনুন্ন রবেলুদেকুলানাম ভিক্ষু দে ভাষিকা হোতিু, ব্রাষ্মণজাতিকা ক্লায়নরাচা ক্লায়ণ বাক্করণ। তে খেন লগও, তেন উপসংকমিশ্র; উপসংকমিত্তা ভগবন্দ্ম অভিবাদেতু একমিত্র নিসিদিঞ্চা একমিত্ত নিসিদিঞ্চা, খেো তে ভিক্ষু ভগবন্দ্ম এতদ অবোচুমঃ এতেরহ ভং ভিক্ষু নানা নামা, নানা গোত্তা নানাজ্জচা নানাকুলাপবজিত। তে সকায় নিরক্তিয়া বুদ্ভবচন্দ্রু দুসেন্দ্র; হন ময় ভং ভং বুদ্ভবচন্দ্রু ছন্দসো আরোপেমাতি। [Then Buddha says,...........ন ভিক্ষুঃঃ বুদ্ভবচন্দ্রু ছন্দসো আরোপেমবরম্] The commentary has :—ছন্দসো, etc.,.... =সেদম্ বিব সক্তত ভাসায় etc., সকায় নিরক্তিয়া=[ In the ] মগধ বোহারে।

N.B.—It should be noted that though there is mention of ordinary ভিক্ষুস to have been recruited from various sections it has not been said that the teaching were being put
We have to consider, in the second place, that if the hieratic language in which holy thoughts relating to the Vedas were being expressed, were regarded as altogether different from Chândasa, the literature relating to the Vedas, would have much suffered in the estimation of the people. The language in question, we must therefore hold, was worked out on the Chândasa lines, when Chândasa became altogether an obsolete speech; this is why, in spite of very close imitation, this language differs from Chândasa in many essential particulars. I proceed presently to take note of some of the important characteristics of this hieratic language. What I specially emphasize upon here is that in the days of Gautama Budha there was at least in the Magadha country a *living vulgar speech*, called मगध बोहार by Buddha Ghosha and there was by the side of the dialect (or many other dialects) one literary language which still then claimed the name चान्दस. It is now agreed, on all hands, on reference to the rules for लोकिक in पाणिनि's Grammar, that generally speaking the language of the Brāhmanas can be designated as laukika. We do not exactly know when the term laukika, came into use, but we may infer on reference to the import of the term, that when secular literature composed in the hieratic language, forced itself to the recognition of the orthodox class, the term laukika, as distinguished from Chândasa became the name of the fashionable literary language. We do not also know in various speeches; for, in the first place we get the instrumental singular of निकृति and in the second place we do not get 'सकाय सकाय' to indicate as usual 'everybody's own'; as the commentator gives only मधवोहारे। for the निकृति dialect in question, the word सकाय should be carefully judged for its proper significance.
when the term संस्कृत was brought into use as a substitute for लौकिक, but it is an undoubted fact that the grammatical rules for लौकिक as occur in पाणिनि as well as in the महाभाष्य of the 2nd Century B.C., are essentially the rules of standard Sanskrit Grammar of later days. We find that what is called लौकिक at one time and संस्कृत at another, is closely related etymologically with the Chāndasa language; at the same time it must be observed, that even in early times, the Classical Sanskrit or the Laukika language of Panini so very materially differed from the Vedic or Chāndasa speech, that a fresh set of rules had to be framed to give the Classical Sanskrit a well-defined individuality. We should not here fail to notice that those orthodox Grammarians who gave to लौकिक the name संस्कृत, were perfectly aware of the character of the language as a polished, dressed-up and perfected speech. The Vedic has all along been, from Panini, downwards, the object of veneration, as an ideal language and consequently the polish or perfection referred to above, could not be given to the Vedic for the formation of a laukika in the sinful days; that a polish was given to the vulgar speeches or dialects of natural growth will be abundantly clear from the remarks of the Grammarians themselves.

In the grammatical work of Panini (which will never fail to extort a high tribute of wonder and respect) and in its learned commentaries, we meet with this definite statement that the forgotten things of the Chāndasa speech should be diligently resuscitated while things occurring in the popular speeches should be studiously eschewed to save one's soul from being contaminated by sin. It has been stated under a sūtra, that the enemies of the cultured Aryas met with defeat and displeasure for having uttered their barbarous apabhraṃsa word हेलय; we get also one statement of emphatic expression that to
know the Vedic words is to acquire religious merit, while to know the popular or vulgar speech is to commit sin. Writes the author of the Mahābhāṣya, वैदिक शब्द ज्ञाने (Vedic words) धर्मं एवं अपशब्द ज्ञानेपाधिः, अथवा तृतीयांशं गोपोलिकति etc, etc.

In his tirades against the popular speeches, Patanjali gives us materials to find out that many provincial dialects were current during his time. That the pure Vedic words were very limited in number while the vile words were very many, has been thus expressed भुजां सों पश्चि अन्तर्यांसः: शब्दः एककसाहि शक्सः बहवोपत्तंशः; अज्जुः गौरितास्य शस्वतः

We meet with गानी and its plural गाना in the standard Prākṛta called पालि, and meet also sparingly with the form गानी in a प्राकृत dialect which though despised by the sages assumed the form गानी in the classical Sanskrit itself at a later time. We can very well see that in the second century B.C., many Prākṛta dialects flourished in N. India. No doubt for the evidence of this fact we have other definite records but I make the sage पत्रबलि to give evidence on the point, to serve a special purpose I have in view. I have to show that the sages and शैल्स made an infructuous attempt to rule the dialects which were rolling on all around like the waves of the sea by taking a boat of literary language on the waves, not seeing that the boat itself was bound to be tossed about and the waves were not to be dominated. It is interesting that the sage Patanjali knew other forms of Prākṛta than what we learn not only in the Bhudhistic works but also in the Aśoka inscriptions. It has been mentioned that for the usual standard word of पाणि origin हत्ति was in use in सौराष्ट्रि and रंगिति in the North-Western India. We may note that रासूचि (is crawling) is the Oriya form which has, come on somehow or other, as
a further अपत्रंश of रंगि, and 'रंग' by itself came into use in later Sanskrit in a secondary or tertiary sense; again though 'हम' of हामि is not now in use either in Surat or in any part of Western or Northern India, the direct descendant हुम (to crawl) on all fours may be unmistakably identified with our Bengali হাম as in হামা দেওয়া.

The existence of various provincial Prākṛta dialects by the side of the old lanūkika or classical Sanskrit is not denied by the scholars; but some want us to accept the proposition that the Classical Sanskrit evolved naturally from the Vedic speech and the Prākṛta dialects were formed by corrupting the Sanskrit language. The facts which are principally adduced in support of the proposition are: (1) All the past-indicating forms, viz., लिट्टि लि and लुि are in use in Sanskrit while there is principally but one generalised past form of finite verbs in the Prākṛtas old and new. (2) The dual form unknown in the Prākṛtas is fully maintained in Sanskrit. (3) The Prākṛtas of a very late date are more Sanskritic than the earlier ones and as such these late time Prākṛtas cannot be said to have descended from the older Prākṛtas. I proceed to examine all these points which stand against my proposition.

The variety of Past Forms—It is true that all the systems of past tense are set forth in the Sanskrit Grammars, old and new, but is it true that in their use in literature the time systems represent their value correctly? Can it be denied, as was pointed out long ago by Whitney, that in the Brāhmaṇas, the distinction of tense value between perfect and imperfect is almost altogether lost, as in the later Sanskrit language? It is given, no doubt in the Grammatical works, that the perfect is to be used in the narration of facts not witnessed by the narrator, but Whitney has rightly remarked that there is no evidence of its being either exclusively or distinctively so employed in the
literature. That in the Vedas, the case is quite different, may be seen on reference to Macdonell's Vedic Grammar. It is to be noted that all the varieties of the Aorist, as occur in the Vedas, have been bound together in the Post-Vedic times, and have been made into one system. In the Classical Sanskrit, the Aorist forms are only preterites and are freely exchangeable with imperfects and perfects. Whitney remarks, after collecting examples, that the aorist of the Classical Sanskrit is simply a preterite, equivalent to the imperfect and perfect, and frequently co-ordinated with them. It is a significant thing to note that adverting to a particular use of the Aorist in the Vedas (though that use is not exclusive in the Vedas) a definite generalized rule was framed for the use of the Aorist as is disclosed by the Brāhmaṇa literature; the use of Aorist as a tense of narration is very closely observed in the language of the Brāhmaṇas, the Upanishads and the Śūtras of early time. I have already remarked that to create a hieratic language on the Vedic lines, generalized rules were framed and thereby the naturally developed heterogenous elements were reduced to a state of homogeneity. Indiscriminate use of the past systems distinctly shows that the past systems in their variety were only maintained in grammar to make the hieratic language look respectable when in reality, the classical language had no natural link to bind itself with the Vedic language. It has to be specially and particularly noted that लिट्, लड़ and लूढ़ forms do not only exist in the early पालि forms but their use in Pali, unlike what we have noted just now in the Brāhmaṇa literature is much after the Vedic use: the supposed irregularities in the Vedic speech, have been artificially avoided in the Brāhmaṇa literature by framing some generalized rules. Again the simplified past system of the later Prākṛtas, shows what naturally came into use in the country in the
speech, in contrast with the unmeaning retention of various obsolete systems in Classical Sanskrit, in its unnatural attempt to get away from the natural state of things. It is notorious that the Ramayana, and the Mahabharata in all its parts, abound with examples of indiscriminate use of various past forms in one and the same sense; it is not in the late time literature alone that we get वैद्यन मधुर्मि……गासीं, etc., along with बधुव राजा कैलाकारविबद्ध: but we get गासीं राजा नलानाम, etc., by the side of पूर्व बधुव, etc. ……in the महाभारत.

We notice that for the mode of expression “I have done” or “It has been done,” participle forms came into use in the प्राकृत and even long before the time of पतंजलि, the form was being freely used to indicate that sense in the Classical language; it could not but be so, as the writers of the Classical language, possessed the very mind and thought of the speakers of the vulgar tongue. To assert that the use of finite verbs in their special past form, where participle form was in current use, should not be regarded obsolete, the author of the महाभाषय has cited some examples which are very often quoted. The examples show that for तेर, चक्र, पेच्छ, the forms तीर्णि: कृतविश्वः and पक्षविश्व: were in use. However much the शिष्ट people kept themselves aloof, they could not possibly create a narrow little world of theirs but had to hold conversation at least with their wives, who could not but speak the vulgar tongue, being always in close touch with the neighbours; howsoever easy it might be for the sons of the शिष्ट to learn their शिष्ट speech, they could not lisp in Classical Sanskrit, when in the arms of their nurses. The influence of the real language of the people could never be kept off by setting up a barrier-wall of culture.

Pronunciation.—Not only in the matter of the use of tenses, but in other matters as well, the शिष्ट imported
the peculiarities of the vulgar speeches in their holy literature; being men of the society, the शिष्टs imbibed the altered pronunciation of the common people, and thus unawares deviated from the Vedic norm: we notice in the very ब्राह्मणs how in some cases the बिस्बर्जनीय has been disregarded, न has been reduced to 7, and ई has been reduced to े. That in the matter of general accent, the शिष्टs do not disclose a regular accent system but only uphold the Vedic recent for the words of the Vedic mantras alone, by a study of the Vedic accents, cannot be illustrated in this brief review.

Dual.—A dual in addition to a plural was no doubt a commonly accepted form in the pre-Vedic days, for the classical Aryan languages of Europe disclose some almost effete dual forms. To express two together as a pair, is a familiar mode of thought exhibited by all peoples all over the world, but to retain a regular dual system, does not appear to be a normal inclination in man, in any part of the globe. I am inclined to think, that the formation of dual, was in the case of some people, the first step towards expressing a general plural number; but when a regular plural was reached, the earlier form in this grade of evolution, either died out or was retained only for very occasional use. It is not unlikely, that dual was a regular plural form in the dialect of one section of the culture group of the Aryans, and at the fusion of dialects in the growth of one generalized common speech, the non-regular plural (i.e., the dual) forms stuck to the language as dual, but for practical purposes, the dual was only restricted in use, in expressing the special thought relating to a pair. That in the Vedic language, the dual has this sort of restricted use, cannot be very much doubted. What has been observed by the Vedic scholars in this matter, has been fitly expressed by Whitney in the following words; “The
dual is (with only very rare and sporadic exceptions) used strictly in all cases, where two objects are logically indicated, whether directly or by combination of two individuals. Dr. Bloomfield has very rightly observed, that while the employment of the dual is generally strict in the truly post-Vedic language, the plural is often used instead of the dual of natural pairs in the archaic parts of the Ṛgveda. It is because of natural disinclination, that the dual system was not maintained in the European languages of Aryan origin, and it was owing to this naturalness of thought, that a regular dual system was falling into disuse in the living Vedic speech; the dual system could not survive into the Prākritas, because the Aryan people of India ceased to have the sort of thought in their mind, which either generates or cherishes such a system in addition to plural system. We may consequently assert, that the co-existence of the dual forms with the plural forms, and the maintenance of the dual forms, not as worn-out unnecessary survivals, but as forms having meaning and use, point to a fixed literary character or rather to an unnatural artificial character of the post-Vedic language as well as of the classical Sanskrit. In their zeal to perpetuate the purity of the Vedic speech, the Prākritas out-Heroded Herod, in maintaining a rigid dual system.

Why the Prākritas of rather a very late date, are more Sanskritic than their early predecessors, should now be explained. Had it not been for the religious activities of the Buddhists and the Jains, what we can know of some old time Prākritas, would have been out of our reach. For reasons I shall state in a subsequent lecture, these Prākritas were standardized, and became the sacred language of some religious sects; even though new Prākṛta speeches came actually into being, the sectarian religious works
were composed during those later times, in the earlier obsolete Prākṛtas. Consequently, a general continuity of the Prākṛta speeches in their transformation through ages, cannot very easily be traced in literature. Properly speaking, no general secular literature existed in the provincial dialects, to give models of language to the Prākṛta-speaking people of successive generations. The people continued to speak in their Prākṛta speeches, but serious literature was always being composed by the learned in Sanskrit. When, therefore any good or elevated thought had to be expressed in a public document for universal use, in any Prākṛta dialect, a great want was felt in getting adequate terms in the current speech of the people. Sanskrit words were therefore laid under contribution, from the current literary works. This is why during the early literary activities in all our Vernaculars, we notice the influence of Sanskrit upon the Vernaculars. We should not, at the same time, fail to notice, that the Prākṛta or vernacular-speaking people of all times, have maintained the non-Sanskritic structure of their speech. It is by Grammar principally, and not by Vocabulary, that the character of a speech is to be judged; if we do so, we will find that the genetic affinities between the Prākṛtas of early and late times, will be clearly noticeable. As the subject will be specially delineated in another lecture, no further remarks need be added here.

That the classical Sanskrit has been through all times greatly influenced by the Prakrtas, has been shown by a few examples only; a further consideration of the subject is necessary. The फ़ूज‰s who could not but belong to the dialect-speaking people, could not but use the Prākṛta forms (though unawares) in their Sanskrit composition. I adduce below some examples to show how this was done. I cannot however resist the temptation of quoting here
the words of Dr. Skeat, which are applicable to the शिष्टs of all countries and times: “The speaker of the ‘standard’ language is frequently tempted to consider himself as the dialect-speaker’s superior, unless he has already acquired some elementary knowledge of the value of the science of language, or has sufficient common sense to be desirous of learning to understand that which for the moment lies beyond him.”

First of all I notice, that as after framing some artificial general rules, the शिष्टs were forced to explain away some naturally developed Vedie words, by setting them down as cases of आश्ल licence, so in respect of some Prākṛta or Deśi words assimilated by them unawares in the Sanskrit language, the siṣṭas invented the nipātana rule, considering perhaps what was but a natural growth, to be due to vagaries or freaks of nature.

That there was a scholastic revival in building up Sanskrit, and that the popular dialects (which could not but have been the property of the शिष्टs) had to be polished from time to time, to make sanskrita of them, will be partly demonstrated by the following examples. The examples are given in an alphabetical order and not in what may be called chronological order; the remarks against them will however show in some cases, when they were introduced from the Prākṛtas into the holy speech.

(1) अधः means no doubt the lower part as adjective or adverb. It is interesting to note, that in the popular speech, अधर् the first component of the compound word अधरोध came to designate the lower lip; this अधर was taken into the classical Sanskrit without any question.

(2) उपर.—In Vedic denotes lower; but by false analogy of other words connected with the उपसर्ग ‘उ’ it was made by the शिष्टs, themselves to convey exactly the opposite meaning.
How in the early Brāhmaṇa language this round-about and clumsy expression took the place of Vedic नन (nine, pronounced as न-उ-श) of the cardinal compounds ननदश (nineteen) ननविनश्चति (twenty-nine) and so forth to नननविनश्चति (ninety-nine), is not clear. The earliest Prākṛta has उन which may be formed by metathesis from न-उ-श; it is not likely that एकांन was reduced to उन. I think उन being un-orthodox, the new expression was coined, when नन fell into disuse, and उन was wrongly supposed to be something like एकांन because of its final न.

In Vedic it means the smith; कश्व is the natural Prākṛta form of it, from which the vernacular कश्व has come out. The purists, in ignorance of Vedic form polished the prākṛta form in analogy of other words, by adding कर indicating doing to कश्व, to form कर्कश्व.

The word शी signified a married lady and a goddess in the early speech, and so who was not a शी, i.e., who was not lady-like was न-शी; thus महान्यी came to signify a विश्व (viśya) or courtesan. The shamelessness of a courtesan gave the significance naked to the word. So by its derivation neither शी nor न-शी was a feminine form of any masculine word; but not knowing the character of the word, the word शी was created as the original masculine form, even in the Brāhmaṇa literature. I must also note, that from the original meaning of the word शी, a married woman, the word न-शी also came into use to signify an unmarried girl; in this meaning of the word the age of the girl could not be and cannot be read. The Vedic rule having come down by tradition, it was prescribed in the ideal form of marriage, that one who was not married to another, was to be taken as wife. The commentators, in the teeth of the fact that the ceremonials recorded in the Gṛhyaśutras, relate to the marriage of girls of mature age,
interpret the word ना as a girl walking about without covering her shame. The Philologists should take care not to equate nude with ना because of the lateness of its formation.

(6) दम्पति.—In Vedic means master of the house (दम house + पति). Exactly when दम (i.e., गृह) coming to signify गृहिणी, the meaning changed in a popular dialect, is not known; दम्पति with its Prākṛta variant ज्ञपति (घे, जसपुर for दशपुर, बैजनाथ for बैजनाथ, etc.) came no doubt into use in Sanskrit, as the false Sanskrit derivation shows. In ignorance of Vedic form, the Prākṛta forms were explained and reconciled in Grammar by a false rule, which gives us जाय + पति = ज्ञपति and दम्पति. That the phonetic change of द into ज is noticeable in the Vedic itself, may be illustrated by one example: we get ज्योति as a changed form of ज्ञति in the Vedic; ज्योतिस् however became in the Vedic a new stem to signify a meaning different from but allied to ज्ञति.

(7) नापित.—The word is unknown in the Vedic speech; the word for it was वप्ति (vapta). The barber on some ceremonial occasions had the duty of cleansing the body of a man and so he was called in the Māgadhi Prākṛta or Pāli a नापित; this नापित is the causative form of नात derived from the root ना. The purists in the analogy of other words, made नापित a नापित, and thought they are not using a vulgar word in the place of the orthodox Vedic word. The word occurs in the Brāhmaṇa language.

(8) भगबन.—When a generalised rule relating to वं-प्रत्याय was framed in Sanskrit, and Pāli words with वा final were thought by a false analogy to be the words of वं origin, the word भगवा was reduced to भगबन; then again to meet a difficulty the Vedic vocative form भगव had to be declared as an ārṣa license.

(9) मातुल.—No word for maternal uncle is traceable in the Vedic; Macdonell very rightly infers that this word
was presumably a dialectic form which made its way into Sanskrit. In Sūtra literature, it is मातृल which was no doubt taken from the popular speech. The popular word was wrongly sought to be derived from a Vedic stem, and as such मातृल was imagined to be a variant of मातृ, and then the curious word मातृक ति was coined as the supposed original word in the Maitrāyaṇī Samhitā.

(10) मनस्.—I have shown in a previous lecture that this purely Prākrta word was adopted on account of long use in the Classical Sanskrit, but failing to derive it properly from मनस् of Sanskrit (which was only मन in Prākrta), a rule of exception was invented for its justification.

(11) विधवा.—In the Vedic speech विधु means ‘alone’ and विधु with the feminine suffix आ became विधवा (a widow); there was no धव in the Vedic speech to dominate this विधवा and we get a Vidova in Italian, for example without any masculine form for it. As वि (vi) was wrongly thought to be the initial उपसर्ग, विधवा was derived as a woman who lost her never existent धव; धव is a pseudo-Sanskrit word. (12) विष्णु, a courtesan, signified in derivation a woman who was accessible to the Vis or the Aryan people in general. When the corrupt Prākrta form Vissā was purified, an imaginary origin of the word was sought in the dress, etc., of the displayer of beauty, and hence Vēṣya (from Vēṣa), was used as the correct form. (13) श्रद्धावी of Vedic use was made a शताश्र by imagining a hundred streamlets for the river.

(14) सरल—signifies ‘a species of pine tree’ as well as ‘straight.’ The original Vedic for the class of the pine tree is शरल (the tree which is straight like शर); the word सरल occurs in the Brāhmaṇa literature after the pronunciation of the common people.

It is notorious that the Classical Sanskrit has swelled with words of Prākrta and Desi origin; as these words are
interesting for many reasons, I give a small number of them in an appendix to help the students to study the matter separately.

I cannot possibly dilate upon the subject any further. We may very well hold, that the non-existence of dual and the currency of a simplified past system in the Prākṛtas, argue in favour of the natural growth of the Prākṛtas. That the early Prākṛta or Pāli, retains many archaic Vedic forms, as are unknown in Sanskrit, is admitted by all scholars; this point of structural unity of early Pāli with the Vedic, will be very briefly noticed in the subsequent lecture. I now proceed to notice a fact, which will show (though perhaps faintly) that a continuity of the Vedic was maintained through many Prākṛta dialects, which have now died out without leaving any literary evidence of their existence.

It is a striking phenomenon, that we have stored up many words in our vernacular which are met with in the oldest known Vedic speech only, and which were not in use in Sanskrit, which is wrongly regarded as a direct and pure offspring of the Vedic language. I do not claim to be exhaustive, but I should think that the list I append here, is not a very short one.

1. अष्ठी and अष्ठूष्ठी correspond in meaning exactly with अळूष्ठी—in ignorance of the origin, the wrong derivation आ + कर्ष has been imagined. The word अष्ठूष्ठ is a separate word altogether.

2. The Vedic word अमला is used by us in the form अमला; अमलक became a pedant word even in the days of the early उपनिषद्द and the word अमलकी derived from it, is used in our high flown language.

3. अळा is an egg as well as a foetus in the womb. The Sanskrit form अळा is a later form derived from अळा. Considering it a Prākṛta word, the शिष्ठs dropped the final आ, as non-feminine forms with आ final could not be adopted.
The pungent juice of it became once the substitute for सोमरस. Our आदा is closer to the early word in form; the Sanskrit word आरिक is only a pedantic form.

(5) आशा—means side in the Vedic speech; in that sense we use the word in the phrase आशे पाषे. The word is in use in Sanskrit in a secondary meaning indicating direction. (6) एना—means like this; from this comes our now poetic word হেন.

(7) জলতী to be wet with dew; জল signifying wet was in general use in old Bengali, and is still in use in the district of Bankura and in Orissa in that sense.

(8) কুঁড়ী and কুড়ী jujube; the Bengali form is কুল and the Oriya form is কুলী. (9) কুশর a sort of reed; this word is in use in Eastern as well as in Northern Bengal to mean sugarcane; in this very sense the word is in use in Eastern Māgadhī and in Oriya of the district of Sambalpur, while in the intervening tracts of Bengal the word আধ from ইকু is in use; the form is আঁধু in Orissa proper.

The word কশার as in কশার বন to indicate cluster of reeds, is however in use in Central Bengal. (10) We get in the Rgveda the interjection বট (truly) and বত (alas); our বট (truly) comes from the earlier Bengali form বট as in “কে বট হে.” It is not correct that this word comes from বর্ধ to stay or exist; the Western Bhojpuri বট from বর্ধ is not in use in Eastern Māgadhī, nor there is any verb in Bengali or Oriya which is even remotely connected with বট. (11) ভর্ডর, a Vedic interjection, which signifies confusion of thought; ভেড়ে জাগায়া conveys exactly the same meaning. (12) বষা, the aerial root of a tree. The aerial root of the Peepul tree (বষা) is called বষা in many parts of Bengal. (13) বংশ, a calf almost mature enough to become a cow; in this very sense the word is in use in the district of Sambalpur, where it is pronounced as বংশ। The word is in use in the Bengali-speaking district of Purulia. (14) বাঁশী occurs also in Pāli
and our बाँस is exactly the instrument which is used by the carpenters. (15) शिशु—its synonym शालमली is in use in Sanskrit, while our शिमूल comes directly from शिशु through the medium of Pāli. (16) रक्ष (not रक्ष which is a separate word, and from which we have got धाम a pillar) has its अपस्रांश form धाम्य or धाम in Bengali; it signifies a prop and so is closely related to धाम in meaning.

I speak of a few other words in this connection, though to illustrate a different phenomenon. The words गाऊ (limb), दाङ (knife), etc., of the Vedic, were formed with the suffix क्र, and as such the words गा and दा, as original words, may be supposed to have existed in an once-existing dialect. Coming through Sanskrit, 'गाऊ' has been reduced to गातर in some vernaculars, but गा and दा seem to have come to us like the words just set forth in the above list, through some provincial dialects, of which no trace can now be obtained. As not altogether irrelevant, I cite the history of another word here. The word 'कपाल' indicating skull or skull-bone, though of pure Vedic origin, was regarded as unfit to be uttered by the holy people (at least in Patanjali's time), on account of its gruesome association; the euphemistic term भगाल was recommended for substitution. We know, however, that the fate of कपाल was not doomed in Sanskrit, but it is curious that this euphemistic word भगाल had the ill-luck of earning for itself the very unpleasant idea, which it was intended to dispel; the slightly-changed form of भगाल as भागाङং denotes in Bengali, the place where dead animals are allowed to rot and the bones of the animals bleach in the sun.

From the cumulative evidence it is rather clear that the literary Vedic speech stood in a close relationship with many provincial dialects, some of which at least continued through all ages, to live to be transformed into later vernaculars, and that the Classical Sanskrit,
on the other hand, came into existence as an artificial language.

We have shown to a certain extent, that Laukika or Sanskrit was sought at first to be kept in close unity with the Vedic, but as a matter of fact this language could not maintain any continuity with the Vedic, and with the progress of time, it went on drawing largely upon the Prākṛta dialects. Facts have also been adduced, to show or rather to suggest, why most of the important links in the chain of evolution of the Prākṛta dialects, leading up to our modern vernaculars, are missing or rather irrevocably perished.
APPENDIX.

Only a few Sanskrit or rather pseudo-Sanskrit words are listed below, just to show the influence of Prâkritas of all times, upon the language which is said to have kept itself aloof from the Prâkritas.

(1) कोपीन—from कु + परिधान or पिधान. The vernacular word कापड़ and the provincial Oriya word कपट are derived from it. In the Sanskrit of a very late time, this कपट was made into कपट.

(2) केली—from क्रीड़ा came out of two Prâkṛta words, किल and खेल; केली is from किल and खेल, as in खेलन, खेलं, etc., remains unchanged.

(3) खोपर—from कपाल (skull) we get कपड़ा and its variant खपड़ा; from खपड़ा we get खुलि as मातार खुलि, as well as खापुर; either खपड़ा or खापुर has been sanskritized into खपर।

N.B.—खुलि as of मातार खुलि, should not be confounded with खोला which is a synonym of खापुर; from केोष we have got both खोसा as well as खोला; from कौष we have got खोल besides खोला. This खोल again is not identical either with खोल derived from खन to excavate, or with खोल to loosen, derived from खल.

(4) गेह—from गुह requires no comment.

(5) घर्ष—from ग्रीष came out गिमह, and this गिमह gave birth to घर्ष; घर्ष was sanskritized into घर्ष in the analogy of घर्ष, कर्ष, etc.

(6) चटुल—from चतुर. Very likely from चतुर (clever) we also got चउर and this word came to signify a clever thief, and thus the Sanskrit words
APPENDIX

choor and choor were formed. Prof. D. R. Bhandarkar thinks that the Sanskrit word choor comes from the tribal name choal or choa.

(7) स्त्रित—from स्त्रित.
(8) जटा—from जुक; a matted lock of hair not being easily separable into component parts.
(9) झटिका—from झड़; so also other words of झ initial.
(10) All words with ठ, ठ, ड, ढ initials.
(11) तड़िं—from त्वर indicating quickness. From the very word त्वर, तड़ was formed as an independent root (cf., ताड़न, ताड़नामास, etc.).
(12) छड़ा—Sanskritic form of छड्न or छडेन which is an अग्रांश of दर्भ.
(13) धान्य—a pseudo-respectable form of धान; धान (fried paddy=लाभ) was adopted in Sanskrit without change.
(14) नाटक—from नृत्य to dance.
(15) पट्टह—from प्रहत comes पाहत or पहट and then by metathysis.
(16) नीड़, नीड़न—comes from पिट्ठ of the root पिषः.
(17) Excepting a few words such as फल, फल (plough-share) and फेन almost all words having फ initial; even the word फल is suspected to be of Dravidian origin.
(18) भड़—from भड़.
(19) मड़क—from मृ; used in the sense of plague.
(20) माम and मातुल—already referred to and discussed.
(21) रणा—a pure देशी word.
(22) लुप्तन—from लूट, originally that which is lost by theft, i.e., which becomes लुप्त.
(23) अभिंक—from अभ्र we got first अभ्र in Pali.
(24) अभिभीक—from अभ्र, अभ्र and अभ्र being one and the same the word was formed by metathysis.
(25) बाट—from बो।
(26) शपः—a new root to indicate curse; original form अभिश्लप्ति=अभि + शं + पात—that which befalls by destroying शं signifying कलाणि; this shows that शप is a corrupt form of अभिश्लप्ति.

(27) शेल—from शिला; stone implement originally.

(28) अट—(walking or wandering about) from the Vedic root अट (compare अतिथि).

(29) उद्ध or उद्धीन from उध.
Pāli and other old Prākṛtas.

Prākṛta defined.—Sanskrit as a hieratic language, occupies naturally a position of very high honour. It is no wonder therefore, that our old Prākṛta grammarians regarded it in their fancy, to be the very speech, in its original purity, which the gods and holy men spoke at the very dawn of human creation. Some Prākṛta grammarians have formulated (no doubt very wrongly) that Sanskrit is in the state of प्रकृति or natural purity, while, the provincial dialects alone disclosed बिकृति or corruption of the original प्रकृति, by deviating from the norm of Sanskrit. This is how these grammarians have sought to explain the term Prākṛta, though the word प्रकृति cannot be shown to have been in use at any time, to signify a speech, holy or unholy. Prakṛti no doubt signifies nature, but in its secondary signification as 'subjects' or 'common people' or 'people in general,' the word is in very common use in our literature of all times. Prākṛta, in its signification as a speech, seems therefore to be associated with prakṛti or the common people. No matter what the derivation may be, it is undoubted, that the term Prākṛta has always denoted the current speech of the people in general, in contradistinction with the cultivated literary speech of the learned. It is significant that our provincial vernaculars of to-day, are called by the orthodox Pandits as so many Prākṛta speeches. No one can fail to notice, that the early poets of Bengal as well as of Orissa have designated the language of their effusions as Prākṛta. It is therefore admitted in a manner on all hands, that
Prākṛta is the speech, in which the babies commence to lisp and which the people very naturally learn untaught. The oriental scholars of Europe however, make a sharp distinction now between the modern vernaculars and the obsolete Prākṛtas, to secure some definiteness in the matter of classification. In this classification, the scholars have followed those Prākṛta grammarians, who have appropriated the name prākṛta for an artificial standard literary speech, and have given the term अपांवंश, to the vernacular speeches of their time; I should notice in this connection, that Apabhraṃśa as reported by the grammarians is also an unreal apabhraṃśa speech. That the term apabhraṃśa should now only be used to denote phonetic decay, has been my suggestion in the foregoing lecture. We have to again notice with reference to the use of the term prākṛta by the modern scholars, that where a prākṛta ends and a vernacular begins, is not at all easy to determine and demarcate; it will not help us in the matter of classification, nay it will create anomaly and confusion, if the obsolete forms of our present day vernaculars be all designated as prākṛtas. If the term prākṛta be applied to signify those remote forbears of the modern vernaculars of Northern India, as may not be quite directly traced to be such forbears, a workable definition may be obtained. Practically speaking, this definition does not militate against the current definition of the scholars. I need hardly point out, that by the phrase 'remote forbear' in this definition, I do not refer either to Chhāndasa, which is the source-head of all our Aryan speeches, or to Classical Sanskrit, which has made from time to time some contributions to the Aryan Vernaculars.

Pāli defined.—Pali, I have all along designated as an early Māgadhi prākṛta, on the authority of Buddha Ghosa, who has called it 'Magadha Bohāra.' The capital town
of the Magadha country, we know from the phonetic representation of it in Greek as Palibothra, was once called पालिपुत्र or पालिपुत्र; the name Pāli, as a place name, is still in existence in Behar. I think that the people of Ceylon gave the name Pāli to the prākṛta speech in question, as the Buddhist canonical works were obtained by them in the Pāliputto country. Now that we see, that the word Pātaliputra could be, or rather was in reality reduced to the form Pāliputto, the objection that the term Pāli cannot come out of Pāṭali, will not be seriously urged. It will certainly be admitted, that the meanings given to the word Pāli by the Śimhalese, are wholly unknown in the literature of India; once the Simhalese gave the name Pāli to the language of the canonical works, the secondary or tertiary meaning of the term could easily come into use in Ceylon.

Since Pāli has never been in use in India, as a term to denote either Prākṛta in general or any special Prākṛta in particular, Prākṛta should be the legitimate name for the language in question; if the Prākṛta of the Tripiṭakas be given a special name, the students of the Prākṛta speeches will be led into the wrong notion, that in the matter of origin and general character, Pāli differs widely and essentially from the other Prākṛtas. To use the word Pāli to signify "Buddhistic Prākṛta," is equally misleading; for the prākṛta in question was not during its currency, the speech of the Buddhists alone. In their canonical works the Buddhists have preserved a class of Prākṛta and the Jainas another; we are not on that account justified to designate those Prākṛtas by the names of those religious sects. I should also notice here another suggestion regarding the origin of the term Pāli: it is urged by some, on the strength of the supposition, that the speeches of the common people were not much in
current in urban tracts, that the word Pāli may be a decayed form of the non-Aryan term Palli (पल्ली = village). Certainly phonology does not offer any difficulty in the matter of this etymology, but facts of history do not support this proposition. In the first place, it cannot be proved that the people of the rural tracts differed widely from the people of the urban tracts, in the matter of speech. In the second place, the word Pāli cannot be proved to have ever been in use in India, to denote a speech, and consequently it will not be correct to suppose that the people of Ceylon coined the term, by making historical investigation regarding the rural origin of the speech of their canonical works. I must however mention here, a hitherto unnoticed fact, which may be urged with some force in support of the theory. To speak in praise of the speech in which the गाथाश्वस्ति has been composed, the author has designated the language by the name ‘पाडः’ in the 2nd verse of the work. The commentator has explained the term ‘पाडः’ by प्राकृत very correctly, but he has not given us the derivation of the word. The word looks like an apabhrāṇa of the word पल्ली, since पाडः of modern vernaculars can easily be derived from पल्ली. But as this solitary use of a comparatively later time cannot be connected with a cognate word of idiomatic use of earlier times, Pāli, as an Indian name for a प्राकृत, cannot be accepted. Again it is difficult to say, how far the word पाडः for प्राकृत is a genuine अपब्राण form of a particular time; that we meet with fanciful corruptions of Sanskrit terms in the literary prākṛtás, will be specially discussed afterwards. पाउँड, and पाउँद are two terms for प्राकृत which occur in the कपुरसंहरी; in this case it is rather certain that the terms were coined to maintain the character of the prākṛtas as given in some Prākṛta Grammars. I do not propose to do away with the term
Pāli, which denotes a particular class of Prākṛta of the olden time, but I discuss the question to remove the wrong notions which this term, as well as the term prākṛta may generate, regarding the origin, position, and value of the obsolete speeches of India.

The Character of Pāli.—I have tried to show in the previous lecture, that if we look into the evidence furnished by a comparative study of the early and later forms of Vedic speech, and if again we compare the Vedic speech as a whole, with Classical Sanskrit, we are led to the conclusion, that the old Grammarians seized on the salient features of the Vedic speech, and moulded them into one harmonious whole, to create a hieratic language. I have moreover setforth some facts, which make it probable, that even when Chhāndasa continued to be a living literary language, some provincial vernaculars (though derived originally from Chhāndasa) co-existed with Chhāndasa as closely related dialects. One fact indeed can never be doubted, that when the priestly class was busy in reviving, or in maintaining the purity of the Chhāndasa speech, the Aryan people in general spoke one form or another of the Aryan speech, which must be designated as Prākṛta. How far Pāli is removed from a Prākṛta speech, which co-existed with, or succeeded immediately to the latest phase of the Chhāndasa speech, is perhaps impossible to determine now, but that the early Pāli may be regarded to be closely allied to Chhāndasa, is admitted by all scholars.

I have pointed out in the previous lecture, that by unmeaning retention of the dual forms and of the tense systems of Chhāndasa, Classical Sanskrit reveals its own artificial character, while the structure of the Pāli language, discloses a natural modification or change of the early Aryan language. To show that how in some other
points, Pāli retains to some extent the morphological structure of the Vedic speech, I refer here to some scholarly remarks of V. Fausboll, as appear in his preface to "Sutta Nipāta" (S. B. E., Vol. IX). He has shown with reference to the oldest portions of the Sutta Nipāta, that those richer forms of Vedic language which we find wanting in the Classical Sanskrit, were in use in the oldest Pāli. The great scholar has pointed out, that we meet with in Pāli, "the fuller Vedic forms of nouns and verbs in the plural, the shorter Vedic plurals, and the instrumental singular of nouns, Vedic infinitives, and many other Vedic forms and words."

The position of Sanskrit as a literary language, in its relation with Chhāndasa on the one side, and with the Prākṛta speeches on the other, has been discussed in several lectures from various viewpoints. The relation of Pāli however, with several provincial Prākṛtas of the Post-Mauriyan times, is not easy to determine. I discuss some facts which show how this investigation is involved in difficulties: (1) Pāli was retained and used as a literary language by the Buddhists when it actually became an obsolete speech; (2) Sanskrit, though an artificial literary language ceased, at one time, to be a purely hieratic speech, and having become the vehicle of thought of all men, dealing with different branches of knowledge, it exercised such an influence in the country, that the living speeches which succeeded Pali, could not become respectable enough to leave literary monuments for us; (3) To ensure intelligibility in all provinces of India, the Prākṛta books (very limited in number), were composed in such an unreal generalized form, as does not help us to reconstruct the living speeches of old days. I notice the significance of all the points briefly below.

*Pāli, a literary speech.*—We clearly see, why Gotama Buddha insisted upon getting his teachings recorded in
the vernacular of his time. What he aimed at however, was not secured, when without following the spirit of his words, his disciples stuck to the speech of his time in their literary composition, when the speech in question became obsolete, and as such uninteresting and repulsive to the non-Buddhistic people. Even to the ordinary Buddhistic people of mundane thoughts and worldly aspirations, this literature which was severely religious, could not be attractive; despite their deep veneration for their Śāstra, the people in general, who as a matter of course wanted to enjoy life, left the dull works of holy character to the care and custody of a small number of religious teachers. The language of the Asoka inscriptions and references to (अपाबद्ध) apasabdhas by Patanjali, distinctly show that the Pāli speech of Buddha's time was being changed with the progress of time, and various provincial dialects came into existence in the 2nd Century B.C.; yet it is a fact, that the author of the Milinda panha tried his best to write in the language of the Buddhistic canonical works. Changes effected by time are distinctly noticeable in the Pāli canonical works themselves, even though a general standard was set up for the language. No doubt the old Pāli of Buddha's days was being transformed into new and newer dialects, but the old-time Pāli failed to become a living heritage with the speakers of the newly-transformed speeches. In that the literary Sanskrit in its broader and more catholic character was being enriched every day by the composition of interesting and entertaining secular literature of various genre, the influence of Sanskrit became more potent and abiding, upon the laymen of letters all throughout the country. True it is that the author of Sanskrit works, who lived, moved and had their being in the living atmosphere of the Prākṛta speeches of their days, introduced various Prākṛta forms in Sanskrit, but
the speakers of the Prākṛta tongues, could not but draw upon Sanskrit for want of a living literary tradition of the Prākṛtas, when they sought from time to time to enrich their dialects.

It became impossible in those days to write in any particular vernacular of the province which might be intelligible to the people of all the provinces. The Buddhistic writers, who wanted to adhere to the Prākṛta speech, but found Pāli could not be made intelligible even in the Magadha country, mixed up Sanskrit forms with some forms common to many provinces, and thereby created a curious hybrid language, which has acquired the designation, the Gāthā language. It was to ensure universal intelligibility that an artificial literary Prākṛta was set up, and it is the artificial Prākṛta, which is generally met with, in the old Prākṛta works. These Prākṛta works do not give us the real vernaculars of the past time, and so we cannot directly trace the evolution of our modern vernaculars through the speeches preserved in those works.

It is perfectly certain that the language of the Aśoka inscriptions is not artificial; but one thing strikes us very much, that there are many words in these inscriptions, which are more Sanskrit in form than the words occurring in Buddhistic canonical works. I am strongly inclined to think, that some words in the inscriptions were made purposely Sanskritic to make the edicts thoroughly intelligible at places far away from Magadha. If we compare the Pāli language of Buddha’s days, as preserved in the canonical works, with the contemporary classical Sanskrit of the Brāhmaṇa literature, we may notice, that the latter artificial language cannot be said to be only the literary form of the former; but the classical Sanskrit of the 3rd Century B. C., can be easily set down as the literary form of the language of the inscriptions. Mr. F. W. Thomas
very rightly observes, in his paper published in the J. R. A. S. 1904 (p. 461), that “It is not too much to say that in modern English both spoken and written, we find greater deviations from the norm, than what may be observed between classical Sanskrit and the language of the edicts of Asoka.” The learned orientalist has further asserted, that if the text of the Pāli inscriptions of Asoka’s time and the literal translation of those texts in Sanskrit were placed side by side, one would find only such differences in pronunciation, etc., as always exist between the literary and spoken forms of the same dialect. I need not halt to explain this phenomenon, for I have already stated, how with the progress of time, Sanskrit was being modified by Prākṛta, and how Prākṛta was being influenced by Sanskrit.

How, stage by stage the Māgadhi language underwent successive changes for one thousand years after the time of Asoka, cannot be very easily determined, for reasons already suggested; I may however add this observation, that it will be very unsafe to judge the Māgadhi language by the language of the inscriptions of later times, since it appears, that at one time it became a fashion, even in far off Southern India, to use the Māgadhi language in inscriptions. I am not concerned with the question of introduction of Māgadhi language into Peninsular India, nor have I to trace the influence of it on the languages of Western India. How the Māgadhi language was shaped in the province of Magadha itself, and how and in what form it got into Bengal, are questions which should be relevantly discussed. How the old Māgadhi Prākṛta or Pāli is related to what is called the Jaina Prākṛta, is a subject of very high importance for inquiry; it is also necessary to discuss the character of the speech which has been called Māgadhi by the Prākṛta
Grammarians; but before I take up these questions for discussion, I proceed to examine if we can trace the blood of old Pāli itself (unstrained through the transformed Prākṛtatas of subsequent times) in the veins of our Bengali language. It may be repeated here, what has been shown before, that the province of Magadha-cum-gauḍa always overflowed itself into Bengal, till the end of the 10th Century A.D.

I have noted in previous lectures, that in the matter of accent, there is much agreement between Pāli and Bengali. I doubt not this will be admitted to be a factor of much importance in a language. We should also remember in this connection, Mr. Pischell’s weighty observation, that Vedic accent and stress survived in Pāli. The importance of the matter urges me to repeat one or two facts in this connection over again.

That because of the old time accent on the first syllables, the words अंभि (अङ्कि), रससन्, (रससर्), बक्र (बक्ष), etc., have been reduced to अाछि (not अंचि as in Oriya and Maithili), परसस (not परसस of other provinces), बुक (not बुक as in Oriya), etc., in Bengali, can be clearly seen; that the pronunciation of ध्रो, कश, etc., of the old days has only been retained in Bengal, and that the forms ध्रम, करम, etc., have only been recently borrowed in a class of artificial poetry, cannot be denied. However, I give below a list of words which have come to Bengali perhaps direct from Pāli, for they are not met with in the Prākṛtatas of later days.

(1) अङ्कि = अङ्कि, stone of a fruit,—we do not get either अङ्कि or any word derived from अंभि in use in other dialects to indicate this meaning. (2) अथच and अशिच,—these words signify ‘and’ or ‘still more’ in Sanskrit; the meaning ‘nevertheless’ as they signify in Pāli, is only found in Bengali in the use of अथच. In Oriya, this word, with its
Pāli or Bengali meaning, has only very recently been borrowed. (3) अ-काम्ब्र क (seems to be Desi word and not an Apabhramṣa) means indisposition or illness, Bengali अन्तक बि८क or simple अन्त क does not seem to be derived from स्थ, happiness, for the idea of illness is not expressed with reference to the feeling of happiness; I think काम्ब्र क is the originator of the Bengali word. (4) िः—stands at the end of a speech, or section to denote “this is what it is”; this use of िः at the end of a composition, became once a mere form in Bengali, and subsequently from its position in a sentence, it acquired the meaning “the end”—in which sense, it is now in use. This िः does not occur in other dialects; in Oriya for example, the word indicating “finish” or “the end,” as occurs at the end of an epistle is शु. (5) उन्न=& ('hot,' उष्ण), उन्न (the act of heating), [उन्न or rather ओन्न signifies warmth in Bengali] Bengali उन्न (oven) comes from it though उन्न is the word we get in Pāli for oven. (6) उपाहन (by metathysis from उपानह shoe; the न ending again represents earlier नन्द), the Oriya form is पन्हाइ, which was in use in old Bengali. (7) ओर signifies ‘this side,’ but ओरपाण signifies both the banks of a river and also the far-off bank of a river; only in old Bengali, we get this word in such a phrase as ओरपाण indicating कूलनाइ, i.e., the other bank—cannot be reached, i.e., endless. (8) कुंठ = old Bengali कुठ, modern কুথ where. (9) কবল (as in Sanskrit) a mouthful to be swallowed; only in Bengali, there is the Apabhramṣa form of it in use which is খবল. (10) কষ্ট (from সকষ্ট = bad, vile, by metathysis) indicates a thing of bad or insipid taste; Bengali কনাটে, of insipid taste is from this word; the word কষ্ট of Sanskrit is of comparatively later date, and so it is a Sanskritization of a Pāli word; the readers should not confound this with Sanskrit कष which exists in the word कषण signifying unripe (distinguish this also from
from कष्ठ, unripe, we get the Oriya word कसि, unripe, and this old form कसि unripe is in use in Bengali, in the shape of কষ্ঠ. (11) গোঁলা (cows in plural)—in this form, the word travelled to Ceylon from old Bengal, our গোঁলা is from গ-ঊ, where উ has been changed to র। (12) গথ or কথ (ghee). It is curious that following the traditional spelling, the rude villagers of Bengal still write কথ and not কথ, when they make an attempt at dignified spelling. (13) চুল exactly signifying hair, as in Bengali; this word is found at one or two places in the Jātaka stories, bearing evidently marks of lateness. (14) চন্দোট, a bamboo basket = Bengali চন্দোটি and Oriya চান্দোড়ি. (15) চাটি—a pot or a vessel, is found exactly in this sense in Oriya; that it was in use in old Bengali can be detected in the modern Bengali phrase চাটি বাটি as in চাটি বাটি তুলে চলে যাওয়া (to leave a place by carrying away all pots and pans). (16) ছবি—(a skin disease; the Oriya form ছোই signifying the same meaning is similar to Pāli, as the final ই is equivalent to the final ঵ি (বি) of the Pāli word; the Bengali word derived from it is ছবি। (17) জাঙ্গ (rice gruel—originally barley-gruel ছাঙ্গ) equal to Bengali জাউ। (18) জহ excessive, is in use in Oriya and was in use in old Bengali; its real origin is from হা to leave, which gives rise to the form জহাতি—‘something in excess that had to be thrown away,’ was the idea at the root. (19) দহ, a pool, is from দহ, which is formed by metathesis from হদ; we use the word দহ as in Pāli but the Oriya form is দহ। (20) চুম from Sanskrit চুম্ম; in many parts of Bengal, little pieces of wood or say the internode portion of sugarcane is called চুম or চুম্ম। (21) নেলা (pure, innocent or inoffensive); Buddhaghosa gives the derivation of it in his commentary on the Dīgha Nikāya—‘এলা’ বুঝাতি দোসো; ন অসুলা এলনতি নেলা; a goodnatured innocent man is always regarded as a fool or an insane, and so we
get the word in our Bengali phrase নেলার ক্ষেপা to indicate a fellow without common sense and so also the word নেলা by itself conveys the same meaning in the Oriya speech of Sambalpur. (22) পাচন-ফট্টি Bengali পাচন-বাড়ি. (23) নিরেন্দন (from Sanskrit নির-বেশ house) the vulgar people ask of the নিরেশ of a man to inquire where he hails from or where he lives, but wrongly considering the form to be incorrect, we have substituted নিবাস for it. (24) পলি-পথ a muddy road; the first portion of the compound পলি indicating mud is in use in Bengali in the case of sediment thrown by streams of water. (25) পেকুখুন, the feather of a peacock; our word পেকমূ as in পেকমূ ধরা, blandishing the wings by a peacock, comes from the word. (26) মহালিক signifies old; hence the word conveyed the meaning 'wise' in later times; in Orissa, the state councillors were called 'mallikas' and one particular State, once governed by eight malliks, still bears the name মালিকলিক; this word as surname is in use in Bengal and Orissa. (27) লঘু ব্যবotypes; the Oriya word লঘু still bears the same meaning, but I do not know if it was in use in Bengal; my information, that it is in use in Purulia, has not been confirmed. (28) বট (from ব্রজ্জ), a peduncle = Bengali বোটা. (29) বিচিকিষ্ট doubt or rather an impious doubt regarding the truths of religion; hence what is bad or undesirable; Bengali বিচিকিষ্ট is equivalent to it in form and in secondary meaning. (30) স্থান (from স্থান) = Bengali স্থান,—because of this derivation, no nasal sound is attached to the first 'শ.' (31) হরণী is the passage that is made in the river for a boat by removing the sand; the passage was perhaps chalked out by dragging the boat itself; in this meaning the word is used in the district of Sambalpur and that very use was current in old Bengali. (32) হেটটা under, beneath; Bengali হেট, as in মাথা হেট করা, comes from it.
We have to look very carefully into the deep significance of what has been illustrated above. Even though we fail to get definite literary evidence of successive changes which Pāli underwent on the soil of its birth in the course of a thousand years or more, we cannot but admit, that change did occur, and the older forms faded imperceptibly into new and newer forms. On reference to the Jaina Prākṛta and to the Prākṛtas either noticed in the Prākṛta Grammars or preserved in some works of poetry and drama, we may notice, that the old Pāli forms and Pāli pronunciation were very much changed in later times; yet it is a fact that the method of Pāli pronunciation and many Pāli words and phrases, unknown to the later Prākṛtas (with which Bengali must have been directly connected), stick to Bengali. This shews very unmistakably, that a genuine genetic bond of affinity exist between Pāli and Bengali; the people who had originally Pāli for their language, could only retain the obsolete things as so many survivals, in course of successive transformation of their speech. We are at times led to form wrong notions regarding the origin of Bengali, by looking to the non-Prākṛtic or rather the Sanskritic form of many Bengali expressions; we forget that for reasons stated more than once before, there has been purposeful sanskritization of Bengali as well as of other vernaculars from time to time. Owing to intermittent Sanskrit renaissance, a very large number of Bengali words are now so dressed up, that their real pedigree cannot be easily determined; that our তাংস তাংস তাংস, চুর, মু, হুদ, etc., were once চুরুক, মু, হুদ, etc., may be easily seen, on reference to some common expressions as চুরুক, মৌচাক, and হিয়া. I have stated before, that it is because of this sort of sanskritization, that the Prākṛtas are more in অপহরণ form than the modern vernaculars. We should notice moreover that in
the outlying tracts of Bengal, many words and grammatical forms of Pāli and of later Prākṛtas are still retained; in the district of Rungpur, for example, the word ইসিঃ for অথিঃ, হতীয় ফর বিষ্ণু ফর প্রাণ, etc., and such a grammatical form as the formation of nominative by ‘া’ are in full use. It is also noticeable that many archaic forms which were in use in Prākṛta, and are now in use in Rungpur, are in general agreement with the Oriya words; কোটঠঠ, where (Oriya কোটঠঠ, Marathi কোঠঠ), এটঠঠ, এটঠঠ, মাউট (ফর মায়), পিউট (ফর পিুট), খাঁ (ফর খাঁড়ি), টাড়িয়া (bald headed), টেংনা (ফর টেংরা fish), are some examples.

In spite of the prevalence of Pāli words and Pāli forms in Bengali, some are doubtful if Bengali actually originated from Pāli and its later successors, as looking into the morphological structure of the above speeches, they find পালি, a highly inflexional language, and Bengali as mainly agglutinative, like the Dravidian speeches. We must now all learn that reversion from inflectional to agglutinating has been observed in many European and Indian languages. How by the mere process of phonetic decay, an inflectional or agglutinating speech may be reduced to what is called monosyllabic or isolating, has also been very scientifically demonstrated in the case of the Chinese language. The old theory of gradation from isolating to inflectional has been found utterly untenable. To account for the agglutinating character of our speech, we need not import a Dravidian influence, though in other matters such an influence upon the Bengali language cannot be denied, or rather has been fully admitted. We should bear in mind that all the modern Sanskritic speeches of the Gauḍian group are mainly agglutinating. Certainly, no one can possibly deny the potent factor of non-Aryan influence in the matter of the formation of provincial dialects, but it will be too much to assert that the contact with the
savage races alone had, on the Aryans, the effect of breaking down their rigid inflectional system, and of causing the Aryans to substitute, for case-endings in nouns and verbs, distinct particles and auxiliaries.

*Origin of a class of long-winded समास compounds.*—Let us take account of one simple case which illustrates how a tendency to agglutinate words arose, and a class of long-winded समास compounds came into being in Sanskrit composition. It will be observed in the प्राकृता prose, that nouns or objectives in apposition in a sentence are not usually linked together by conjunctions. This style of composition was no doubt after the general style of ordinary conversation, in which not only the copulative but the disjunctive conjunction as well is at times dispensed with. Let me illustrate by example this conversation style, as still obtains in Bengal.

Q.—বাজারে কি কি কিনেলে?
A.—আম কিনেছি, কঠিল কিনেছি, খুব কিনেছি।

Q.—বোঝা সকলে তাল আছে?
A.—আমি তাল আছি, বাবার শরীর মন্দ নয়, [here তবে—but—is seldom used] মার একটু অস্থায়।

The authors who had the प्राकृतास of their time for their real speech, did not like to put in such a conjunctive conjunction as 5 in their elegant Sanskrit composition, as that would not make the sentence sweet-sounding to their ears, trained to regard the प्राकृता method as sweet and agreeable; to compensate for the loss of 5, long समास chains were forged which in their natural sonorousness heightened the effect of the style.

*Jaina प्राकृता.*—I have stated that the links which bind পালি with modern vernaculars are almost missing; the प्राकृता, which we meet with in the Jaina works, is in my opinion, a real link in the chain. I should not proceed seriously to controvert such a queer opinion that the
Jaina Prakṛta is Mahārāṣṭri; I shall show presently that not only the term Mahārāṣṭri, but other terms as well as have been used by the Prakṛta grammarians to classify the Prakṛta speeches, are misleading. This Jaina Prakṛta discloses many characteristics of a real speech, and it is almost doubtless that it was once a vernacular in the land of Mahābīr’s birth, but when did this language flourish, has not been satisfactorily determined. The very fact that many forms occurring in this speech, cannot be explained by the rules formulated by Vararuchi, urges us to believe, that unlike the Prakṛtas of the grammarians and the dramatists, which were no real spoken vernaculars, but were essentially literary fictions founded on the vernaculars, the language in question, was once a living speech in some parts of the province of Behar. This speech is no doubt highly important; but it is regrettable, that in proportion to its importance, the material available at present is rather scanty. It must be mentioned however, that minds of scholars are not free from doubt, as to the thorough correctness of the Prakṛta texts of the Jaina canonical works, hitherto published. The Jaina scriptures, which have been critically edited, are only a few in number; it has been rightly observed by Dr. Barnett that this language “is a rich mine for the seekers of philological treasures.” The learned author remarks, that as long as the whole of the Jaina scriptures have not been critically edited, many dark pages of the history of the ancient and modern Indian languages and literature will not be illumined. Dr. Barnett says that “neither the political nor the literary nor the religious history of India, can ever be written until an exact study has been made” of the Jaina scriptures composed in this Māgadhi Prakṛta. What has been opined with reference to the history of India in general, is specially and parti-
cularly true regarding the history of Bengal in all its aspects. We generally speak of the Buddhistic influence in Bengal, but it will be very soon recognized that the influence of the Jainas in this country, has been of far greater importance and consequence. This is not the subject which I can deal with here, but I doubt not that our Bengali scholars will direct their serious attention to this matter of great moment.

As far as it has been ascertained, even the oldest portion of the Jaina scriptures did not come into existence, in the form in which it is now obtained, earlier than the last half of the 5th century A.D.; consequently, to be on the safe side, we may hold that the language which the Jaina canonical works present, is the Eastern Māgadhi Prākṛta of a time, not later than the 6th century A.D. Be they Jaina inscriptions or not the Khandagiri Inscriptions of Khāravel give us the Māgadhi language of the second century B.C. But as this language differs only slightly from Canonical Pāli, and as it differs on the other hand, very greatly from the Jaina Prākṛta, this inscription language cannot be considered to be a link in the chain of evolution of this so-called Jaina Prākṛta. As the time of the Kuśana kings has not yet been satisfactorily established, it is difficult to assign dates to the Mathurā inscriptions of the Jainas, which have been preserved by being transcribed in Sir A. Cunningham’s Archaeological Survey Reports (vide ibid, Vols. III and XX). It is curious that the language of the Mathurā inscriptions does not much differ from the language of the second century B.C.; but as the texts of the Mathurā inscriptions contain only a small number of sentences, we should refrain from offering any remarks regarding the character of the language of the texts. This is however very clear and definite, that the language of the
Jaina canonical works differs very widely from the afore-
said inscription language either of the second century B.C.
or of the second century A.D. Looking to all these
circumstances, we are inclined to think that, the canonical
works of the Jainas disclose the speech, which was cur-
current in some Eastern parts of Behar, some time between
the third and the 6th century A.D. In the Mathura
inscriptions of Kuśana time, we get, for example, the same
nominative case endings as we meet with in the Asoka
inscriptions and Khāravela inscriptions, but the nomi-
native case ending in the canonical works under review is
ए (e); Mahāvīra Bardhamāna is always Mahāvīre Bar-
dhamāne. A critical consideration of this चरकत should be
a subject for separate study. We may notice here only
those points which are in agreement with Bengali. (1) We
know that अ and य have the same sound value in Bengali;
even in Oriya य is pronounced as इ-अ; in the Jaina
Prākṛta, ‘अ’ which is the particle to signify ‘and’ (= ओ of
Bengali) and which appears exactly in the form of अ in
the ‘गौतमस’ and the ‘गौड़वह’ occurs indiscriminately as
‘अ’ or ‘य’; this shows the sound value of ‘य’ in the Magadhi.
In Bengali it is a peculiarity that when य is the initial
letter, it is sounded as ‘ज’ and is uttered as ‘अ’ when it is
a medial; we find, for instance in the Anuttaravavāiya
Dasāo, that ‘ज’ is the initial of the word জালি (a name),
while ‘য’ occurs as medial in spelling the name উপালি.
(2) The letter ए discloses the Bengali pronunciation, as
এরাবত has been very often spelt as এরাবত. It is no
doubt true that in all Prākrtas, ए occurs as এই but as ए is
also at times met with, as for instance in the Khāravela inscriptions, as ‘এল,’ this point has been
noted here. (3) The form for দিৰ্নীয় is at times দুৰ্ন ষ্ঠ and at
times দুৰ্ন ; in the pronunciation of some words in Eastern
Bengal, as well as in Jessore, we detect the use of the
early form of हुन्त, for example the ceremony of consum-
mation of marriage is called हुन्त-विरेष, the loss of one ‘त’ of
the final त of the word हुन्त is indicated by the doubling of ब
of विरेष; as to हुन्त, the Bengali form দেহ as in দেহবর may be
noted. (4) It is exactly চৌদ (and not চউং) that occurs
in this प्रक्रता to denote fourteen; this form of pronun-
ciation is wholly peculiar to Bengali. (5) I have just
noted above that the nominative case ending is ए, it may
be noticed, that in the provincialism of Rungpur, this
case-ending is strictly maintained, and in the standard
Bengali this case-denoting suffix has not been done away
with. স became সা in Pali and this সা occurs in the form
of স as is current in Bengali and Oriya. (6) The Vedic
adverb कति (how much) is not wholly extinct in this प्रक्रता;
but we get also the additional form কন, which is just
equivalent to কত and is in use in Bengali. (7) To denote
‘which’ or ‘what’ (though not ‘who’ as in Bengali), we
meet with ‘के’; কি for কিম occurs with the adjunct
অ as কিজ. (8) I notice here one case-forming
particle which is of much interest and importance. Not
knowing the origin of our instrumental case-ending দিয়া,
an imaginary দারা was brought in by some Pandits as its
originator. We get the particle ‘দে’ in this speech which
is exactly equivalent to our obsolete ‘দি’ (still in use in
Rungpur) and modern ‘দিয়া.’ This দে also occurs in the
form of দে; the passage which stands as জালিপাদাত্তচরণ
পথে (দে) উজ্জ্বল দূরম বিরিত্য বিজয়ে বিমানে দেববর্ত্যে উজ্জ্বলে,
means that Jali, after passing through the bimanapathata
went to the higher world, etc. The pandits, who accuse
the old Bengali poets for using the word ‘বিমান’ deviating
from its Sanskrit meaning, should take note of the Prakṛta
use of it in this text. (9) The আঁছ ending of a verb, to
signify past tense (or more properly present perfect) may
be noted in such a form as ‘কিছাই’ (did or has done); ‘ল’
as additional ending does not appear, but if this is added, the modern Bengali present perfect form is fully obtained; there is another form for the present perfect which takes ‘ই’ (as হোই) and not ‘ছ’ as the ending. ‘কিছু’ also became ‘করিয়ছছা’ later on and both ‘করিয়ছছা’ and ‘হোই’ stand as ‘করিয়াছিল,’ and ‘হইল’ in modern Bengali.

I just notice three words which clear up the history of those Bengali words which are regarded as Desi. (10) ‘কল’ as the word for peas has been mentioned along with the name of lentils ‘মুগ’ and ‘মাস’; our modern word is ‘মটর,’ but we have not lost the word as the pod of it is still called কড়াইছ, in North Bengal, in East Bengal, as well as in Jessore, the name ‘কলই’ for peas is still in use. (11) ‘করিয়া’ signifies the sprout or shoot of a plant; ‘কোড়া’ or ‘কোড়ক্ক’ (as বাশের কোড়ক) is now in use; in the District of Sambalpur, the bamboo sprout, which is used as vegetable is called কড়ি, or কড়ি or কর্ণি. (12) The origin of the word is unknown, but it is curious to note that the word ‘কড়িপ্ত’ signifies ‘foot’ in this Prākṛta, while ‘কর-গত’ signifies the ‘hand’ or the palm of the hand; I am inclined to think that ‘কড়ে-আশ্চর্য’ originally signified toe in Bengali, but now only a particular toe is meant by it; the Dravidian করিকল or bad foot shows that কল, which is easily transformed into কড় indicates foot. It is very interesting that not only in Jaina Prākṛta but in Jaina Sanskrit works also several Prākṛta words occur which in their old meaning and almost in their old form, are in use in Bengali only. For example (13):—কিল কিত দ্বার (in Jaina Sanskrit form) = ধিড়কি ছাবার (Jaina Prākṛta form) signifies exactly “Back door” as in Bengali, ধিড়কি ছাবার. (14) উচ্চ বিক (both in Jaina Sanskrit and Prākṛta)= House-maid and specially the kitchen maid who throws away the offal or other উচ্চ বিক matter; the first syllable উ and the otiose ক final, having been dropped, the word is in use in
Bengali only as গী to denote maid servant. This form should not be confounded with গী or গিম্যা, derived from গী (গীরেরের=গীরের=গীর=গী). (15) The Bengali word হেছ, to see (now in poetic use only; fully in use in Assam), occurs even in Jaina Sanskrit in the form হেছলিস্থা, on seeing.

I think a short interesting article may be written on the peculiarity or rather the speciality of the names of men and women of Bengal. It is no doubt a speciality in Bengal that though the real portion of the name of a man does not require any additional word, such words, as চক্র, নাথ, etc., are added to the names, but it is not on account of this alone, that the Bengali names indicate the nationality of the men bearing the names to the people of other provinces. ‘নাথ’ as an addition to the names of the Jain Tirthankars and চক্র as a part of the old Mārgadhi names, as well as the names themselves bear a sort of provincial peculiarity; and this may be illustrated in a separate paper as I have suggested. Though we cannot judge the nationality of men of old times by the form of their names alone, the peculiarity of Bengali names may be studied to see if men, having such names তুষ্ট৷, কাহ৷, can be supposed to have flourished in Bengal. I note here a few old time Mārgadhi names of women which are popular in Bengal; they are ‘মুষ্টা’ (মুষ্টা) পুটনা (পুটনিত); সামা, সোনা, খেমা, and ছ্রাপা; the second name পুটনা is current in Bengal alone in the shape of ‘পুটা.’ অঘায়চন্দ্র, আদিরাধা, তাররনাথ, পরশনাথ, (and not পারশ), etc., are some special male names of Bengal. We have got such a name বীষ৷ but such তুষ্টি names for men and women as চূতিরা (m), দশরমী (f), একাদশিরা (m) and তাঁতিরা (fem.) are unknown in Bengal. Such names as বহুজনাথ, বাজী (contraction of সত্যবালি), বিষ্কেন্, ধমুজ্য, চন্দ্র, চন্দ্রধর, হরমন্দ, বিভীষণ, etc., are never met with in Bengal:
LECTURE XII

THE LITERARY PRĀKRṬAS

Mr. Stenkonow very rightly holds that the Prākṛta speeches, we meet with in the dramas of olden days, or in which the poetical works like the सेतुबन्ध and the गोडवरहे were composed, were not really spoken vernaculars, but were rather essentially literary fictions founded on the vernaculars. It was no doubt unavoidable in the very nature of things, that the authors of the class of literature, indicated above, had to use many words and grammatical forms, as were really current in the living vernaculars of their time, but it is difficult now to differentiate the real from the unreal elements, as occur in their works.

The Prākṛta grammarians of old did not think very much to preserve for us the provincial vernaculars of their time, but were concerned in the main, to frame some rules (with reference to some actual phenomena, no doubt) by which Sanskrit could be reduced to the Prākrṭas of their classification. These rules were useful alike to the authors and the readers, in dealing with not only the literary Prākrṭas, but also the अपवर्ण forms of partially artificial character. Again, the rules were needed not merely to standardise the provincial Prākṛta or अपवर्ण forms, by referring them to their Sanskrit originals, but also to serve a curiously queer purpose: the तंगम words which were in actual use in the vernaculars and those which had to be used as loan words, to express new ideas, had to be reduced to imaginary Prākṛta forms, as in their queer sense of propriety, in the matter of diction, the authors could not
allow the तत्सम words to be mixed up with the अपनंश words. Even to-day the use of our highly expressive देशी and अपनंश words in the company of popular तत्सम words, are not countenanced by some Pandits, for in their opinion a ‘शव-पोड़ा’ or ‘मड़ादाह’ speech may be created thereby. Mr. Beams has rightly shown in his work on the comparative grammar of our vernaculars, that though of the word रात्रि, for example, रात्तिर, राति and रात have been the real अपनंश forms with the peoples of all provinces, the unreal form राइ occurs in the Prākṛta works. No doubt the Prākṛta literature abounds with genuine अपनंश forms, but it is difficult to determine now, when and where those forms came into use: for instance, as derived from अङ्गन, first अंतन and then अङ्गन appear to have come into use, but exactly when and where we do not know.

I take the following words from the Gauḍa· Bahor Kābya, edited by the late renowned scholar Sankar Pandurang Pandit, which will show what an anomaly the Prākṛta authors created by reducing different words into one and the same form. The words are—‘ওঝার’ from অঝার, অঝার and অঝার; গাহ from গঞ্জ, গদ, and গত; কাস from কৃত and কাঠ, মক from মৃত, মূঢ, মড, মত and মস, বাণ from বাট, বাদ, বাক and বাজ. We may also notice that though the word অতি (very much) has retained its pristine purity from the Vedic times to the present day, it has been reduced to অই (as in অইল্যাইন=अतिलील्या) in the कपु रमंजरी.

I adduce here one example from the Setubandha, to show how by reducing different words artificially to one and the same form, a verse in 'কমক' has been composed almost in the form of a riddle; the verse 47 of the 9th Canto stands as:

रम्म्नान्दरःअछ्छः रम्म्नान्दरःअछ्छः
सगथग़गहि तागथग़गः सगथग़गहि तागथग़गः
The Sanskrit form of the verse will be:

रम्य रागचछुंदः रम्यकक्तवर्ककम्।

सर्गश्रेणिः श्रामाएकं नरसागरी साम्राज्यम्॥

As many old Aryan words have been reduced to unreal forms in the अनुवाद, it will be interesting to notice the following words, more than 50 in number, as have not undergone any decay or अपनांश in Bengal from remotest antiquity till now; the words here grouped together are such as are used and understood by even the uneducated people in rural areas in Bengal. Some of these words have no doubt changed their original meaning, but have not changed their form. The words marked with asterisks were not in use in the early Vedic time, but have been in use in Sanskrit, since a very remote time. The words are:

अति, अलंकार, अहंकार, आकाश, आचार, आनंद, इच्छा, उपर, कपाल, काल, दूर,* गंध, ओर, गोल, धन, घास, घोर, चिन्ता, चिर (as in चिरदिन), छाग,* जल, ताल,* दिल, दं, दूर, दोष, धन, नल, नाम, पर, पाप, पाप, पार, फल, फाल, बुझ, भाग, भार, भाव, मन, मां, माहस, मास, मुल, मेघ, रस, लोक, वन, बल, शीत, सार, चुंब, हार।

It is difficult to say what linguistic value should be attached to the old time classification of the literary Prākṛtas. Looking to such names of the Prākṛtas as Māgadhī, Sāuraseni and Mahāraṣṭrī as occur in some works on poetics and dramaturgy, one is naturally inclined to hold, that there were good grounds for classifying the Prākṛtas by their respective provincial names, but these Prākṛtas now survive in such an artificial form that the elements of real, provincial speech in them elude our grasp. Moreover, the characteristic peculiarities of Mahāraṣṭrī, for instance, as have been noted in the aforesaid works, are not what can be shown to bear genetic affinities with the modern vernaculars of the Mahāraṣṭra country.
If really the Maharastri तारक was based upon a living vernacular, we must say, that either the old ethnic element has disappeared from the Maharastra country, or that by virtue of a serious revolution, a new ethnic element of dominating nature has come into the composition of the people of the country. I am aware that one or two scholars have tried to show on the strength of a few examples of word-forms, that the modern Marathi can be affiliated to the old Prākṛta of the same name. Referring to this unscientific procedure, I can simply say, that if the scholars under review, choose to collect an equally good number of words from the literary Māgadhi Prākṛta, they will find that they may equate them as well with some words of the modern Marathi speech. It will be interesting to the aforesaid scholars to note this anomaly, that many so-called Marathi and Sauraseni forms of old are conspicuous by their absence alike in Marathi and W. Hindi, and by their presence in Bengali and Oriya, which are directly connected with old Māgadhi (as has been demonstrated before) and are not at all connected either with Maharāṣṭri or Sauraseni. Here are a few illustrative examples:

(1) अच्छुड — अपनंश of this very so-called Sauraseni form became current in Bengal and Orissa; Oriya still retains the early form अच्छूडा and in old Bengali we get it as अच्छुडा. (2) काणरेई (Mahārāṣṭri) = Carving stone, etc., into statues. This form unknown in the literary Māgadhi of the artificial classification, is in existence in Oriya; we get the अपनंश of it as कन्चेद to signify a doll. (3) The Maharāṣṭri form कहम and not the Sauraseni form कहम as derived from कहम is traceable in Hindi and Oriya. (4) कोड (Maharāṣṭri) = strong desire; its अपनंश कोट, signifying strong persistent desire, is in use in Bengali only. (5) बिड़कि द्वार (Maharāṣṭri) = back-door; बिड़कि
LITERARY PRĀKRṬAS

हुसार, to signify the very meaning, is in use in Bengali only. On reference to Jaina Sanskrit, we get the form 'किलकित हुसार'; this shows that the literary Mārāṭhi of old classification must have borrowed the term from Māgadhi. (6) From तिष्ठति comes the Sauraseni form चित्त्वदि, and the Mahārāṣṭri form of it is ठाई; छिड़ा of Oriya and दाड़ा of Bengali are connected with the first form, while the second form is in use in Bengali, as an undeclinable adverb in such a phrase as 'तु बांटा ठाई' दाड़िये आছे; note also that the form ठिक from ठीत is similar to ठाई, and the current Oriya form is ठीखा to indicate standing.

(7) धौर (Mahārāṣṭri) from धू ल = large; in use in old Oriya only as in धौर हुद, to signify the trunk of the elephant. (8) देउ—as the Mahārāṣṭri form of ददातु—is in Oriya and in old Bengali; the modern Bengali form is with an otiose क as देउक or दिक. (9) धाड़ी or धाटी (Mahārāṣṭri) = assault; in this meaning the word is met with in old Oriya only. (10) फरकिद (Mahārāṣṭri) = that which swings (फारोकृत); फरि is in use in Oriya to signify the end of the पागुड़ी (head-dress), that swings about. The plume of a bird is still called फड़ or फोड़ in some parts of Eastern Bengal, but it is from the foreign word पर = plume. (11) मेल (Mahārāṣṭri) = to loosen, to scatter; to loosen the rope of a boat, for example, is expressed in Oriya by नाओ मेल देखा; to spread or to scatter for drying a thing is मेले देओ in Bengali; cf. also मेलानि of old Bengali and modern Oriya, which signifies parting or farewell; we may note the name of the ceremonial dinner given at parting which is called मेलानि भात in Bengal. (12) बाण, which is the Mahārāṣṭri form of बाण is often met with in the poetic literature of Bengal; e.g., 'तुई आये रे मलस बाण' (बाण).

One or two grammatical forms of the standard literary Prākṛta may be noticed in this connection to further
illustrate the case. (1) It is very well known that in the Prakṛtas, no distinction is made in the use of the कुं suffixes त्रि and त्र, and both the suffixes are found reduced to one simple form 'अ'; thus we get for example करिता and बिनिच्छित्तिक्षित्ति for कुंस्त्र and बिनिच्छित्तिक्षित्तिक्षित्ति respectively. It is in Bengali that we get the forms करिता, प्रकाशित, etc., exactly corresponding to the standard प्रकृत forms, and these forms or rather this form cannot be met with either in Marathi or in Hindi. It may be noted that the contracted Bengali form करि or प्रकाशित for करिता or प्रकाशित, is in use in Oriya. (2) The case-denoting suffix इ of the so-called Mahāraṣṭri Prakṛta, as occurs extensively in the Setu Bandha for example, is in use in Bengali in its later form ए; in our modern literary Bengali this ए is written as ए; for example इच्छाइ=इच्छा (because of the desire or by the desire) corresponds to old Bengali इच्छा —ए or modern Bengali इच्छाय; to express the sense conveyed by the form, either ने or मे has to be added to इच्छा in Hindi which is supposed to be derived from Sauraseni; how the modern Marathi form differs from this form need not be mentioned. What these seeming anomalies mean or tend to prove, will be discussed presently. I may notice however, that Oriya, the origin of which must undoubtedly be traced to an old Māgadhi speech, had developed in it some forms akin to modern Marathi, centuries before Orissa came in contact with the Marathas: for example, the Oriya forms करित (by doing) and ए (from here) are closely allied to the Marathi forms करियं and एथुन् respectively.

As to the name महाराष्ट्री for the standard प्रकृत, a word need be added. We do not exactly know when the noted work नाट्य शास्त्र which is fathered upon भरतमुनि, was composed, or rather compiled; but we can confidently pronounce that the bulk of the book including the Chapter XVII came into being long before the time of the Prakṛta Prakāsa of Vararuchi. In Vararuchi’s work,
Mahārāṣṭri is the अकृत par excellence, while Sauraseni occupies the second place. In the Nātya Śāstra of Bharata Muni however, the name Mahārāṣṭri for a Pākṛta is wholly unknown, and it is Sauraseni which has been accorded the rank of honour. Be the composition in prose or in poetry, the language of a drama should be शौरसेनी according to the dictum of the Nātya Śāstra; the direction is ‘शौरसेनें समाधित्य भाषा कार्यः तु नाटके.’

Even the country name महाराष्ट्र was unknown in the days of नाट्यशास्त्र, since in noticing a provincial linguistic peculiarity of the Mahārāṣṭra country, as well as of some tracts adjoining to that country, only a general geographical description occurs in the 60th verse which runs as:

स्वराष्ट्रवस्ति देशेषु वेत्रवत्तातेर्युष्टे च
से देशापेय कुर्वल चकार वचनान्य।

If the statements and illustrations of the नाट्यशास्त्र be compared with those of later works on Dramaturgy, we can clearly see that the high class artificial अकृत which is closely allied to Sanskrit, has been called शौरसेनी in the नाट्यशास्त्र and महाराष्ट्र in the later works. It appears that the artificially got-up standard Pākṛta obtained the name शौरसेनी in the नाट्यशास्त्र, as perhaps the seat of Northern culture was transferred in the days of the Nātya Śāstra, from Magadha to the country watered by the Jumna; it seems that for similar reasons, the standard Pākṛta, acquired the name Mahārāṣṭri, in the days of Vararuchi. It is highly probable, that the name of the standard Pākṛta indicates culture-centre, and does not signify any provincial language or dialect. That the standard अकृत was the Pākṛta, of no particular province, but was in reality a language fabricated by reducing Sanskrit to
Prākṛta forms, can be detected very easily, on referring to the poetic composition in the standard Prākṛta language. For example, the Prākṛta verses are found composed in such works as शकुंल, रत्नाबली, etc., in such an artistic manner, that if for the प्राकृत words their Sanskrit equivalents are substituted, the verses correctly maintain their meters.

The rules laid down in the first part of Chapter XVII of the Nātya Śāstra relating to the use of provincial peculiarities in the speeches of the actors of different rank and position, very distinctly mention that the standard Prākṛta of the drama has only to be nominally modified to suggest provincial peculiarities to the audience. The peculiarities or rather the points of deviation from the standard Sauraseni have been noted as follows: (1) The speech of all people of the Eastern Gangetic valley is to be made full of ए-sound: ¹ गः सागर मधः तु ये देशः संग्राक्तितः; एकार बहुलां तेषु भाषां तन्मः प्रयोजये। (2) न is said to be the characteristic peculiarity of all peoples of the tract extending through the Vindhya to the sea-coast; ² (3) ‘उ’ is said to be the peculiarity in North-West India, ³ and (4) ‘च’ is noted to be the characteristic of the speech of the peoples of Surāstrā and its neighbourhood as has been mentioned above.⁴ Regarding the aboriginal

---

¹ This is perhaps on reference to the nominative-denoting औ.
² The tract seems to be of the Hinduized Dravidians using म or न at the end of nouns; the विभ्रा speaking tribes including Odras, were certainly excluded.
³ In later times the apabhraṣṭa-speaking Ābhiras are given this characteristic; but the Ābhiras are विभ्रा speaking here. उ is rather the Maithili characteristic in later प्राकृत. To reduce some vowels to उ sound in names as in कारु, नरु, वीरु, हरु, etc., has been usual in Bengali, since long.
⁴ In modern Marathi, genitive indicating suffix is त; but this could not possibly have been the characteristic here referred to.
LITERARY PRAKRTAS

tribes (Barbaras), it has been said that they have not to speak their own speeches but that a few peculiarities have to be introduced by them. It is highly interesting to note by the way, that in the list of non-aryan peoples or hordes, we get the आतिष्ठिरs in the company of ओड़र, शबर, चोळालs and so forth; these आतिष्ठिरs have been mentioned by Hem Chandra of the 12th century as वहृष्य अपशंश-speaking people.

The directions in the works on Dramaturgy that the domestic servants and artisans should speak the Māgadhi speech, may be interpreted perhaps by the fact, that from the 6th century onward, the people of various industrial occupations flowed from Magadha into other parts of the country. It will not be correct to hold, with reference to the statements in the works which are later in date than the Nātya Sāstra, that actual Māgadhi speech had to be spoken by dramatic characters representing the industrial or labouring classes. That the dramas had not really to be made polyglot in character, but only some suggestions had to be offered to the audience regarding the various provincialities of the Dramatis Personae can be clearly gathered from the rules occurring in the नाटिष्ट्य; however to make the matter convincing an analogous phenomenon which occurs in our widely popular and very familiar Jātrā-Gān, may be noticed here. In this Jātrā-Gān, a person enacting the part of a door-keeper or a porter speaks Bengali slightly incorrectly, in the manner in which the Behāris at times speak Bengali, merely for this reason that the Behāris usually come to Bengal to do the work indicated above; the clown usually imitates Eastern Bengal provincialism by only substituting ह for श all throughout. Here the door-keeper does not speak Behāri, and the clown does not care to imitate correctly the provincialism of our Eastern districts; the actors, by
their linguistic suggestions only work up the imagination of the audience regarding the special situation in the plot. That this is exactly what took place in ancient times in the matter of representation of provincial speeches on the stage, can be very clearly inferred not only from the rules given in the works on dramaturgy but also by the analysis of the language of the plays.

It may very reasonably be urged that the early time Prākṛta works which contain many देशी words and no portion of the text of which can be easily rendered into Sanskrit, by only substituting corresponding Sanskrit words for the Prākṛta words, should be considered to represent some ancient living vernaculars. गाथासंगङ्गशती which is regarded by some as the earliest known Prākṛta work, is the only book I know, which answers to some extent the description given above, but questions relating to its time, authorship and place of origin, are not free from difficulties. From the reference to it by बाणवति, it appears that the book once bore the title जातिकोष and according to general tradition, it was composed under the auspices of some Andhra rulers at Paithān or प्रतिष्ठापूर. The present book does not appear to be that old work, for in the first place, it is an anthology containing the poems composed by various poets, as admitted in the colophon portions of the work at the end of each section; in the second place the verses occurring even in one and the same section are very loosely connected together without there being any unity of thought or purpose; in the third place, many verses bear evident marks of lateness, all of which cannot be fully discussed here. I note here however, one point which will show that this book of anthology cannot be said to have been composed in the 2nd century A.D. We know that राणा as the principal heroine among the गोपीस, around whom all other गोपी is are but satellites, does not appear in any
secular literature or पुराण, which is of a date earlier than the 8th century or at best the 7th century A.D., but this राधा is met with in the 89th verse of the first section of this book; moreover the relationship that राधा is a ‘मानि,’ of her lover, is also found in the 93rd verse. It must be admitted however in respect of many words used in this book, that they are not artificial reductions of Sanskrit words; a few of these words are noted here: (1) रेह्रेह (akin to vernacular रह) = राज्, (2) लडह (read in one manuscript as पडह akin to पोडा of Bengali and Oriya) = बिद्रफ, (3) छिट्ट (to touch as well as to sprinkle; in the first sense it is equal to छिट = स्पृह, but in the second sense it is akin to छिट of Bengali), (4) पाब = अघु छि (the final ब (v) being pronounced as ‘अ’ as usual it becomes wholly akin to vernacular पाओ of the Imp. Mood), (5) बुड्ड (बुड्ड or बुड्डा and its variant बुड्डा or बुड्डा current in many vernaculars) = मठ, (6) खो-अ (or खोक) = खोख (compare our adverb खोक in such a phrase সংগুলি জিনিস থেকে কিনিলাম).

As it is uncertain when and where all the poems of the book were composed, nothing definitely can be said of the language of it. I must notice, that at the time of the collection of the manuscripts one copy of this गाथाश्रेणी with a Bengali commentary was obtained at শামিয়া District; how old that manuscript was, is not on record.

As it appears that the authors of the प्राकृत books used the अप्रभंश forms of various provinces in one and the same work, in order to make their composition universally intelligible, we fail to localize the literary प्राकृतs; under the circumstances, we can refer to all the प्राकृत works to trace the history of our अप्रभंश forms, no matter in which vernacular those अप्रभंश words now occur. I shall have occasion presently to adduce some undeniable evidence of the fact that the authors of many प्राकृत works used indiscriminately the अप्रभंश forms of various provinces in the same composition.
We see that the class of literary Prākṛta, we have reviewed in this lecture, does not give us such definite material, as may enable us to determine the character of the Māgadhi speech with which we are mainly concerned in tracing the history of the Bengali language. We may note however, that in enumerating various styles (रीति) of composition राजशेखर substitutes the term मागधी for the usual term Gauḍī in the introductory portion of his कपूरमंगल; this indicates, what has been asserted previously, that Bengal did not get the name Gauḍa before the 10th century. How the early Māgadhi speech Pali, and the Jaina Prākṛta are related to Bengali, has been discussed in the previous lecture; that these old Prākṛtas in their later transformation, have not been properly represented in the dramatic literature of old, need not be any further discussed. We may now take up for consideration some Prākṛta effusions of a comparatively recent date, which now survive only in fragments, and are found embodied in the Prākṛta Paingala. This work on the Prākṛta metrical system has been very ably edited by Dr. Chandramohan Ghose, B.A., M.B., and I take all my examples from that edition of the work. The learned editor has very rightly held that this work did not come into its present form earlier than the latter half of the 14th century A.D., and that it cannot be later than the early decades of the 16th century. I need hardly point out that all the Aryan Vernaculars of India which are literary languages today, became well-developed literary languages, previous to the 14th century. Many effusions appearing as illustrations in the Prākṛta Paingala, which can be easily detected on account of historical allusions, to have been composed in the 12th or in the 13th century, must be admitted to have been artificially composed in Prākṛta, at a time when full-fledged vernaculars, could
be made by the authors their vehicles of thought. That even Oriya acquired its distinctive characteristics in the 12th century A.D., by being fully differentiated from Bengali and Bihari, can be proved by the text of the Rock inscription which has been preserved in the Khameswari temple at Sonepur; a portion of this inscription runs as: 

```
বেহরহ তাহার মুংবে ব্রহ্মতাল রক্ত তাল পড়ি।
```

As the literary fragments which will be quoted presently very liberally, came into existence when the maintenance of artificial long and short sounds of vowels became very difficult with the authors on account of their settled pronunciation and the prevalence of provincial pronunciation in the vernacular composition, manymetrical irregularities may be noticed in them; the author of the Prākṛta Paiugala has been forced to formulate a rule as to where the long vowel is to be treated short. The rule reads: 

```
আই (দ্বিতি) নীহা (দীর্ঘ) বিন্ম (অিপ ত ও ) বং (বর্ণ) লঙ্গ (লাঙ) জীহা (জিঙ্গ) পটচ (পডিতে হয়), হোহা (হয়) সোবি (সেব) লঙ্গ। বং বি

বুংরঙ (বহরিত) পটিও (পঞ্চিত), সো তিনি বি এক জাগেছ।
```

The rule purports to indicate, that if a varṇa is নীর্ধ or long in form, but it is usual to read it লঙ্গ or short, it is to be read as লঙ্গ; again, if the usage of the language requires it, two or three letters should be read together in quick succession to form one syllable, for a word of two or three letters may be required to be treated as one syllable. The verse illustrative of the rule is:

```
অরেহে বাহহি কাহ! নাব ছোটি; ডগমগ কুগতি ন দেহি।
তহ ইংথি নহই-হি সঙ্কার লেই, জে চাহি সে লেহি।
```

The directions in respect of the verse are that the first সে of অরেহে, and বা of বাহহি are to be treated short, while হি of বাহহি is to be read (no doubt on account of emphasis) long; again, ডগমগ is to be read as ডগমগ, and though the first two syllables of সঙ্কার are long, only the first syllable স has to be read long; then it is stated that জে of
the 4th line is to be read हृद्ध for the evident reason that a stress or emphasis on चाहिः renders the initial syllable short in the metre. That the irregularities have been due to the usual vernacular pronunciation of the words, can be well illustrated by the example of a Bengali তোটক, in which only unawares, the Bengali author has made the last two syllables of সাতারে i.e., তা and রে) short; the lines are:

কত কাল পরে, বল ভারতের
চুথ সাগর সাতারে পার হবে।

In respect of the language of the above-quoted প্রাকৃত verse, a few remarks may be offered. The metre is no doubt Hindi; but there are many forms which are foreign to Western Hindi, and which prevailed only in a comparatively recent time in Eastern Māgadhi, which is undeniably very closely allied to Bengali. তই for thou is Eastern Māgadhi; this very form was in use in old Bengali and it is now current in Assamese. The Māgadhi form ইংথি became a special property of Bengali amid the speeches of the Eastern Gauḍi group; the ablative case-denoting suffix থি as occurs here, has transformed itself in modern Bengali into 'থে' which appears as 'থেকে' with an otiose ক. The form সেই is wholly equivalent to our old Bengali form, and this very form is still current in Oriya; the modern Bengali form দিয়া only slightly varies from it. The locative denoting হি as in নই-হি is also peculiar to Eastern Māgadhi. We can therefore very easily say that the language of the verse represents the Māgadhi speech which was current at a time not far removed from the date of birth of the Eastern modern vernaculars.

I proceed now to give some examples to show that the authors of several verses wrote in Prākṛta, at a time when modern vernaculars became respectable literary languages.
I shall quote generally those verses which have been composed in that Magadhi which is very much allied to Bengali, or which may be reasonably supposed to be proto-Bengali. I use this word of caution here, that some examples will disclose the fact that some authors in collecting obsolete प्राकृत words could not discriminate between different provincial forms, and as such mixed up the forms of different languages in one and the same poem. The first example given below is of a poem which was composed to describe the expedition of हमीर of admittedly recent time.

गर लगुगाई अगुगि, जलइ धह धह;
दिग-मग गह-पह अगल भरे।
बस दिस पदरिन, पाइक लुलइ धनि,
धन हर जहू दिनाल बने।
भस लॉकिय धोकिय बहि तरून जन
भहरब भरिय शन्द पइल।
मस्ति लोउटइ पिउटइ, बिउदिरि टुउटइ,
अकुखण बीर हमीर चले।*

It should first be noted that this metre of प्राकृत which was taken up by the author is more allied to Bengali metre than to any other. The dropping of the locative sign

* A few remarks as to the correct reading are needed.

L. 1. लग गि of MS. B for लग गइ seems better.
L. 2. कइ as the initial word in the published text requires that for the sake of metre two syllables of the text should be deleted; in the second place proper construction with कइ requires a negative particle in the line to signify—nothing could be visible anywhere because of the conflagration; as such, either the reading of MS. F is to be partly accepted or कइ has to be omitted; I omit कइ to avoid all complications.
L. 3. The reading दिस of MS. A is adopted.
L. 4. जहू of MS. B, C & E substituted for जहू; चहाब of MS. F to signify ‘to hanker for’ is evidently a better reading.
LECTURE XII

The term "काँ" has been used in the midst of that Magadhi language which did not develop the special provincial Oriya form on the soil of Magadha. It is also noticeable, that the term "छइल" or "छइल", which means coquette and is in use in Oriya now, occurs in the verse; the word "शैरिनी" was, we know, reduced to "छैरिणी" or "छैनिणी" on one side,
The next verse I quote, contains grammatical forms which were undoubtedly formed on the soil of Bengal, when Bengali was wholly differentiated alike from Māgadhi and Oriya.

The reading লিভিষ্ণ for সজ্জিশ্চ চূহাঙ্গাঙ্গ্চ does not alter the speech, for we get the form লিভিষ্ণ in such an old Bengali শুভকরী formula as কাঠার কুড়ু বা কাঠা লিভিষ্ণ. চূহাঙ্গ (চূহাঙ্গের for আমের) seems unnecessary প্রাক্র তেরization, since it is আম and not চূহাই which has ever been in use in all the Northern Indian Vernaculars. It is true, that for emphatic expression of possessive, ‘হ’ was generally used in প্রাক্র for the possessive-denoting অ, which being boneless had subsequently to be reduced to ‘র.’ The forms গাছে and আছে are purely Bengali; from গাছ we got গাছ because of our accent on the first syllable, while on account of the accent on the last syllable গাছ and গাছ came into use in Oriya and Maithili respectively; for similar reasons it is not অছি
but আছে (in the 3rd person) which has been the Bengali form derived from অংথি. We notice again, that it is not জ্ঞান but জানি (পাঠ) which is the form here, as met with in Bengali, Oriya and Assamese. That অংথি is proto-Bengali, has already been remarked. The আ final of কান্ত and বস্তু is peculiar to many nominative (as well as objective) formations in old Bengali. The হি suffix in the subjunctive mood, indicating futurity, is a speciality in the later মাগধী প্রায়ক্ত.

That the following verse was composed in Bengal has partly been admitted by a commentator:

ওগুঁর ভাত রস্তায় পাতা,  
গাইক বিতা ছুধু সজ্জন্তা,  
মইলী মচ্ছন্ন নালিচ গচ্ছা,  
দিজজি কন্তা খা পুন বস্তা।

It is significant that the non-Bengali commentators have failed to explain ওগুঁর ভাত; ওগুঁরা ভাত is a familiar thing with us in Bengal and it must be therefore provincial in formation. We notice that to denote possessive case there is the old আ in রস্তায় as well as the later ক in গাইক; possessive with ক-ending is in use in Hindi now. মইলী fish is মৌরলা which is a delicacy in Bengal, and নালিচ which signifies the leaves of jute plant may be found still in use in Bengal.

The poem I next quote reminds us of Jayadeva; there are many lines in some other poems occurring in the পার্কত পৈৎলিল which are almost word for word equivalent to some lines of Jayadeva’s গীতগোবিন্দ: for example, যুনিজন মানস হংস is met with in the পার্কত পৈৎলিল.

তিনি কন্স বিনাসিঙ্গ  
কিংি পাসিঙ্গ  
মুটি-আরিটি বিনাশ করে  
গিরি হঁথি ধরে;
‘জিনি’ (who—honorific) is wholly and purely Bengali. Some foreign commentators unfamiliar with Bengali have read it জিন as a variant of Sanskrit জন and have made বিনাসিত (বিনাসিত), পদাসিত (পদাসিত), etc., বিনাসিত, প্রকাশিত, etc.; no doubt ‘অ’ stands equally for অ, for র (of modern vernaculars), and for the প্রতায় ‘তা’ or ‘ঘ’, but the construction ‘জ্যেন বিনাশিত’ etc., fails, because the passive voice cannot be thought of in the sentence ending with the finite verb করে; again, it will be noticed that ‘জিনি’ is related to ‘সে’ which occurs in the beginning of the 7th line. I must remark by the way, that old Bengali did not inherit জেন or জিন (by whom) as is supposed by some; in দোহাকোষ edited by the renowned scholar Haraprasad Sastry, very wrongly a ‘ন’ has been added to শুশে (in thirst) to indicate instrumentality (দোহাকোষ, p. 115); the ন in question has been wrongly taken over to the end of শুশে, while really it is the initial letter of the next following word, which has been reduced to ভক্ষন signifying rain water; that the meaning of the decapitated word is rain water, has been admitted by the commentator, but he has not seen that it is নতজ্ঞল which yields the proper meaning. Why the form সে occurs for সে, in the poem above quoted has been stated before in a general remark. In জিনি ভবর বরে (জেমন ভবর
the ease-denoting suffix of the Eastern Magadhi Prākṛta, has to be noted. That the form deu is in use in Oriya, and was in use in Bengali, and that it does not differ from deu and later diu, need not be discussed. The ending of chiṣṭeśa is certainly equivalent to 'तः'.

I dare say we have got enough material to examine the various forms of Magahi speech which transformed itself into Bengali. We do not exactly know, when the effusions quoted above adorned the Prākṛta literature, but we can see very clearly, by comparing the language of the poems with our modern language, that the forms which occur in the poems are genuine predecessors of our modern forms. I do not mean to say that the passages, I have quoted from the Prākṛta Paingala, should alone be referred to in tracing the history of our modern forms, and that the other literary Prākṛtas dealt with in this lecture, should be left altogether out of view because of their artificial character. I have no doubt tried to show, that the old classification of the literary Prākṛtas by some names indicating provincial origin of the speeches, is highly misleading, but it must be remembered that inspite of their provincial names, the artificially got up Prākṛtas contain forms and idioms of the dialects of the provinces, which their names do not indicate; as such we must look into the treasures of all the literary Prākṛtas, to get the Magahi elements of our quest.

We have noticed this significant peculiarity in our investigation, that from the remotest time our literary languages have been different from the real living speeches of the people. The standard literary speech is bound to differ from the vulgar speech in every country, but the sort of gap which we notice in India, between the literary and the popular, is of such width and character, as is generally unknown in Europe. I cannot take up to
discuss those social and other conditions of India, by virtue of which the people of this country were never stirred up to do those adventurous deeds, which all nations of Europe have always been forced to undertake. For various reasons, the Indian peoples of all social conditions, did never combine together to attain an object of common aspiration; the high class literary men of ample leisure and decent competence have always created a literature in India, which the common people settled in industrious or agricultural life, could never take any interest in. There was never such a thing as mass education, for hardly the common people felt any necessity to make themselves literate. I cannot discuss this subject of great historical moment in these lectures, but this special peculiarity of Indian civilisation should always be remembered, to account for the character and qualities of our literature.

It concerns more the history of literature than the history of language, to deal with the questions why the literary men of old, took at all to writing in the Prākritas, when they were conversant with Sanskrit, and how for erotic composition the authors were principally drawn to the Prākritas; but in tracing the history of a language, we cannot afford to forget facts as they stand, and must take due note of them. We should also bear in mind, that the special Indian tendency, I have spoken of, in giving the peculiar character to literary speeches, is still our heritage; if we overlook this fact, we are sure to fail to estimate properly the value of our modern literary idioms and syntactical structure.
LECTURE XIII

SOME HINTS ON THE RIGHT METHOD OF INVESTIGATION.

In this lecture I propose to survey briefly the whole field traversed up to now, to offer some suggestions or practical hints as to what should be the right method of investigation. To get together the broken parts, scattered all about, and then to put them in order, to effect a reconstruction, is a hard work. It becomes harder still when some broken parts survive in fragments only, and when again, some fragments elude recognition in having been polished off and fitted into a new structure. Hard though the task has been, I have tried with my best effort to collect, examine, and classify such facts relating to the history of our vernacular, as I could lay my hands upon. I am perfectly aware that the facts I have collected and classified, cannot all be interrelated with equal success, though in the main they all point to the conclusion I have arrived at, or rather I have suggested. As facts, their value cannot be overrated, but I have to admit that they are a bit shadowy here and a little definite there, amorphous here and partly crystallized there, in broken fragments here and in their entirety there. However, I hope they will readily render themselves useful in the constructive hands of the trained scholars.

I have sketched out, though in shadowy outlines, the course of the stream of our language that stretches forth itself from the Vedic source-head to the Gauḍa-Magadha valley, by receiving numerous affluents at several points from various directions. That the main current of this very stream inundates Bengal, has only been partly
demonstrated in the previous lectures; for the full demonstration of it, the next lecture which will be the last, has been reserved. By keeping up the metaphor, I may say that the limpid stream of this river running parallel to the artificial channel of Classical Sanskrit, from a dim past to the second century B.C., is distinctly noticeable. If the Jaina inscriptions unearthed at Muttra, be of the second century A.D., we may unhesitatingly say that the Magadhi speech of the second century B.C. did not undergo a very severe change in its course of progress for full three centuries, but the chronology of the Kushana time remains still unsettled. From this time forth to the end of the 5th century A.D., we can get no definite trace of this stream. During the 6th and the 7th centuries we find the Magadhi speech in the Jaina scriptures considerably altered and modified; we learn from the records of Huen Tsiang that at this time the speech of Magadha prevailed over all the different provinces of Bengal, namely, over Rājha or Karṇa Suvarṇa, over Kie-chu-ho-khilo or Berhampur cum Nadiyā, over Northern Bengal, consisting of Purīra-bardhan and Barinda, and over Samataṭa, consisting of a portion of 24 Parganās, of Jessore and of a considerable portion of Eastern Bengal. How this speech was subsequently modified both in Behar and Bengal till the displacement of the Pāla rule in Behar by the western invaders, can only be guessed from some literary fragments which have been noticed in the previous lecture.

I have stated in a previous lecture that when the rulers of Western and Central India conquered Magadha-cum-Gauḍa of old, the civilization of Magadha found a safe shelter in the extensive country of Bengal, while the people who were left in Behar or Gauḍa-Magadha country, had to adopt in due course of time, not only many
forms of newly imported speeches, but also the food and the dress of the powerful new-comers. The people who took kindly to the habits of life which the Buddhist house- holders had brought into vogue, did not care either for a head-dress or for a garment which was not wholly white. The Dravidians, among whom these people came to live, had not then or have not now any head-gear, but were fond however of coloured pieces of cloth for their garment. The flowing white dress of the Bengali male people is now coming into fashion in other provinces also, but the Bengalis and Oriyas are only found to use no head-dress at all. I mention these facts with the object of showing, how deep and abiding, how intense and extensive, has been the influence of Magadha culture in Bengal. We may, I daresay, be fully justified to assert, what has been asserted before, that we in Bengal represent to-day the old Behar, more than the modern Beharis do in Behar. Our language is essentially Māgadhi; and trace it as far back as we may, it cannot be found to have been originated from the Classical Sanskrit language, to which we only owe a debt of many loan words only, to express high thoughts in the Vernacular.

The Behari speeches of to-day contain elements foreign to the old Māgadhi; we have to be consequently very careful in taking up Behari forms in elucidating the history of our Bengali forms. What light the speeches of Assam and Orissa may throw on the history of our Bengali forms, should also be duly gauged to avoid much misconception. I cannot halt to discuss fully the history relating to the origin of Assamese and of Oriya, but a few words relating to the topic need be added.

The very geographical situation of Assam clearly shows, that Aryan culture could not possibly reach that country, without passing through Magadha and
Northern Bengal. Huen Tsiang records in the 7th century A. D., that the then short-statured people of Assam, who had no faith in Buddha and who were worshippers of Devas, spoke a dialect which was a little different from Māgadhi. The difference that existed in those days between the speeches of Bengal and Assam, was no doubt due to what the Chinese traveller has suggested in a short sentence: in the first place, the then short-statured people of Assam differed ethnically from the people of Bengal, and in the second place, because of non-adherence to the Buddhistic faith on the part of the people of Assam, the culture of Magadha could not flow freely into that country. That in later times religious differences disappeared, and for some time during the rule of the so-called Pāla Rajas, Assam came directly under the influence of Bengal, are too well known to be repeated here. We may notice, that in many particulars Assamese agrees with the provincial dialect of Rangpur, which retains nothing but the old Bengali forms; we shall also see from examples which will be adduced in the next lecture, that many grammatical forms of old Bengal which were once abbreviated on the soil of Bengal itself, are current in Assamese. Another fact need be pointed out. We shall presently see that the main stream of Oriya language flowed into Orissa, through Bengal. It is a striking phenomenon that there are some linguistic peculiarities, wherein Oriya agrees with Assamese, and differs from Bengali. This phenomenon can only be explained by this, that Bengal as a progressive country has altered the early forms, while the archaic forms have been retained in Orissa and Assam. We can safely hold, that the Māgadhi language, as was once fashioned and modified on the soil of Bengal, got into Assam to take a fresh root there to develop into a new language under the influence of a language altogether
foreign to the Aryan speech. That the script of modern Bengal, which can be proved to have taken its modern shape and form on the soil of Bengal at a comparatively recent time, is current in Assam, should not also be forgotten. There are instances, how many scholars by forgetting this fact have pronounced very wrongly the language of some old books to be Assamese, on the ground that the language discloses many forms which are now current in Assamese.

How after the complete disintegration of the old Kaliṅga Empire, a province bearing the name Orissa was constituted, and how a new Aryan speech, now called Oriya, came into being, cannot be detailed here. It will suffice to say, that when Huen Tsiang visited the land in the 7th century A.D., the people of Kaliṅga with their Dravidian speech were found confined within the confines of the Andhra country, and Orissa was struggling into a new life, with new ethnic elements and a new speech; the Utkala people, in the north were not aryанизed at that time, and the people in the District of Puri (Kongada) were only learning Northern Indian speech and script under the influence of the successors of Raja Narendra Gupta of Karña Suvarṇa in Bengal. We learn also from some old works on Dramaturgy that the Oḍras and their congeners the Śabarās, used only some Aryan words in their non-Aryan speeches in the 6th century A.D., and their speeches were then called बिभाषा on that account. How because of the supremacy of the Kośala Guptas for about three centuries, a Māgadhi speech took deep root in Orissa, has been narrated briefly in the 4th lecture. The Northern boundary-line of Orissa runs from the North-East corner of the District of Balasore to the North-West corner of the Feudatory State of Gangpur, along the Southern limits of Bengali-speaking and Hindi-speaking
tracts; how therefore two different varieties of the Māgadhi speech could come together to form the Oriya speech, may be easily imagined. We should be very careful therefore in referring to the archaic forms of Oriya, to trace the history of our words. The reason why Oriya abounds with archaic forms, may be stated in the words of Mr. Beams: "Oriya is the most neglected member of the group [of the Aryan languages], and retains some very archaic forms. The repulsive and difficult character in which it is written, the rugged and mountainous nature of the greater part of Orissa, and its comparative isolation from the world at large, have combined to retard its development." It is not the place where I can show that many letters of the Oriya script owe their origin distinctly and definitely to their corresponding Bengali forms—brought into use on the soil of Bengal at a comparatively recent time; চ, ছ, ত and থ are some of these letters; these letters only seemingly differ from the Bengali letters because they are written in a mode wholly peculiar to Orissa; that this mode of writing has made the Oriya letters unattractive to the foreigners, may be known from the following remark of Mr. Beams as appears in his Comparative Grammar of the Aryan Vernaculars: "The Bengali is the most elegant and easiest to write of all the Indian alphabets, Oriya, is of all Indian characters the ugliest, clumsiest and most cumbrous"—(Vol. I, p. 62).

We can very well assert on the strength of the facts adduced in this as well as in some other lectures, that the Eastern Māgadhi vernaculars were very much alike and did not much differ from one another, when they first came into being by being differentiated in different provinces; consequently we may refer to many archaic forms, retained alike by Oriya and Assamese, to trace the history of our words. Written vernacular literature of this very
early period has not been hitherto discovered, and old
songs, proverbs, adages and saws as have come down to us, have lost their old linguistic character in the course of being transmitted orally from generation to generation. 10th century A.D. is the approximate time when Oriya was fully differentiated as a provincial vernacular, but of this time we do not get even any literary fragment composed in a genuine vernacular. In the name of the Bengali language of the 10th century A.D., a recently published volume of verses has attracted our attention; it is quite fitting that the language of this collection should be examined here. The book I have to notice in quest of the old Bengali language, is a collection of three doctrinal works recently published by the Bengal 'Sāhitya Parisat' under one general title—‘বৌদ্ধগান ও দোহা’; the noted Scholar Mahamahopadhyay Haraprasad Shastri brought the doctrinal works from Nepal, and it is he who has edited them in the aforesaid collection. It has been prominently inscribed on the very title page, that the contents of the collection preserve for us the language of Bengal as was current thousand years ago. What Pandit Shastri says, commands my respectful attention, but I fear that it is difficult to support the claim of antiquity that has been preferred for the hieratic effusions in question. I have to remark here that I do not take any account of the डाकार्गि portion of the collection, as it is not in Bengali, but composed in corrupt Sanskrit,—interspersed with some Prākṛta slokas.

These doctrinal works, we learn, were translated into Tibetan, but when, we do not know. The fact that some scholars of Tibet are known to have been active during some centuries in collecting various books in India, does not prove when these works were collected; it could be previous to this period of special activity, or it could
SOME HINTS

be subsequent to it. Looking to the metrical system and the grammatical forms, some verses may be declared to be composed in Hindi. Generally the language of many effusions is such a jumble of various words and grammatical forms of various provinces and of various times, that we can hardly say that the writings represent any particular dialect. I do not think anybody will proceed seriously to determine the language of the following hybrid sentence, which I compose to illustrate my case, viz.:—

(1 think—Mārhatti) को इ एक शब्द (somebody—Hindi) मोक कहि छिल (told me—Asamese) ये एই घरे (that in this house—Bengali) पूरकरे (previously—Oriya) नियाम (one—Mundāri) बिरामणन् (Brahman, Nominative—Tāmil) गलाडु (lived—Telegu). Why this strange phenomenon occurs in this book is partly explained by the name of the language 'संक्षिप्त भाषा.' The male अब्दुल्ला and the female बिरामली's came together very likely in a colony of theirs, and there composed the secret tenets, etc., of their cult for their disciples in such a manner, that when the songs would be sung or muttered, the uninitiated might not understand either the language or the purport of them. Though the language is mainly Hindi, the authors allowed words and forms of many dialects to flow freely into their composition. No doubt, to us now, the veil is very thin, and we can see the whole thing through and through. The collection is highly important to the philologists and the Anthropologists. We are not concerned here with the doctrine, but can say that such a sentence of the book as "रखेन तेनुली कुस्तिरे खान" reminds us of the Bāul song—

उठन् ठन् ठन्, करेन भाई, घरे जले चेहुँ;
नेरामनिर निरंजने पायना घुंजे केहु।
I cannot pick up examples for insertion in this book, for that will be besides my purpose; I must however, say that in some songs, Bengali elements predominate. Our very late forms occur in one and the same piece along with many archaic Bengali forms as well as Oriya and Maithili forms. This can be noticed by the students by merely glancing at the texts. The very first song with which the book begins, contains 'বি' (অপি) and 'পাঠ্ঠা' in the opening lines, which are presumably Hindi. I fear ছদ্ধইতে and পাঠ্ঠা have been wrongly interpreted by disregarding the commentary. In song No. 33 along with the pure Bengali form 'ইঙ্কি তাত নাই,' occurs the line which is either Oriya or Hindi in form, namely 'হবিলা হু কি বেন্টেখামায়'; the word 'থামায়' was no doubt in use in Bengali, but its use is now only confined to the district of Sambalpur; the form 'হবিলা হু' (the milk that has been drawn) is either Oriya or Behari. We cannot fail to notice that the very late Bengali form 'এচকাল' is in company with Hinai আইসPLACE, কাইসPLACE, কাইসসPLACE, জাইলPLACE, তাইসPLACE, etc., and Oriya জাইলPLACE, তাইলPLACE, এওলPLACE, এডলPLACE, etc.; the special Oriya grammatical forms চান্দ্যংলে (in locative) and অছল, কখোল (archaic), ফিশিলিস (verbs in different tenses), etc., occur side by side with modern Bengali forms আইলPLACE, করিবলPLACE, চিলিসPLACE, থাইবলPLACE, etc. We cannot also overlook such special Oriya words as ঝড়িল (in a moment), চিবিল (slippery), ভুলি (cultivated plot of land) and বেলল (two) as occur in the text; of these words I notice particularly (1) বেলল as a special অপথ্যPLACE form of বি or চে (বেলল in old Prākṛta and in old Guzrati) and (2) ঝড়িল formed as adverb according to the rule of Oriya Grammar. We can see that it is a hopeless state of things, which the সপ্তল ভাষা or the mystic language of the অবধুত Place discloses.

No matter which Chāṇḍīdāsa of exactly what time is the author of the Sri Kṛṣṇa-kīrtan, which has been very ably
edited by Babu Basanta Ranjan Ray, but I have no hesitation to say that the book was composed during the early years of Mahomedan influence in Bengal. There are a very small number of words of Persian or Arabic origin, but we must notice at the same time, that though it is a Vaisnavite work, it has not been composed in that artificial language, and non-Bengali metres which the early Vaisnava poets, including our popularly known চণ্ডীদাস, resorted to in the composition of the Vaisnava lyrics or পদাবলী.

The archaic grammatical forms as occur in this book, will be noticed in the subsequent lecture; I should only mention here, that we get in these forms a few connecting links between the late Māgadhi and modern Bengali forms. A few examples will only do here: (1) The pronominal forms মই, তই, etc., are intermediate between the late Māgadhi and modern Bengali; (2) The final হস্ত ‘ত’ was formerly pronounced almost like ’তে’ and this is still the case with the Oriyas who pronounce যাবৎ, তাবৎ, etc. as যাবৎ, তাবৎ, etc. Thus it was that the ablative case-ending of রুক্তা became রুক্ত-কেত, or রুথবে, or রুক্ত-হেত in old Prākṛta; we get pure ইতে in this book as ablative case-ending, and this is what has become হতে in Bengali; it has no connection with the verb হইতে=‘to be’; in Hindi, we get for it the ending हि and the corresponding Oriya form is উ; compare তবছ ঃ of Hindi and তবছ (from the house) of Oriya. (3) The emphasis indicating ‘হি’ of Prākṛta, as in সেহি (He it is) is found as সি in this book as in সেদি; সে-দেন of Eastern Bengal and সে সেনা of Oriya may be compared. তেলিজ in this book is equivalent to modern তাইতে or তাইত (for that reason). (4) Many idiomatic expressions now obsolete in Bengali but current even now in Oriya are met with in this book; “হাট উঠাশীলে” (the market will disperse) is in use in Sambalpur, হাট কড়াইল (guided or showed the way) is idiomatic throughout
Orissa. More examples need not be multiplied here. How one is liable to mistake one old language for another allied speech, may even be illustrated by an example of a sentence composed in a modern language. The line of our poet Rabindranath which reads, "হে আদি জননী সিংহ, বহুবিধ স্তন্তন তোমার," can be easily pronounced as Assamese if the Bengali metre is disregarded; Aryan Vernaculars other than Assamese can also very well claim the line to be theirs, but for the grammatical form তোমার, which occurs at the end of the line. How very careful therefore we should be, to avoid reckless assumptions in determining the provincial character of a speech of a time, when the provincial speeches were being formed and differentiated, can be easily appreciated. To trace the history of our words, we have to look alike to those outside and inside influences which have been at work in the province of Bengal in the up-building of our speech. Just to throw out some hints as to the right procedure to be followed in such an investigation, I take up to discuss the character of some words, which have come to us from various sources. No doubt I have spoken of these sources before, but some illustrative examples may be of practical help to those who are new in the field of investigation.

The Dravidian sources.—I have said a good deal before how the Dravidians—best represented by the Tamil-speaking people of to-day, have influenced the Aryan tongues; I have also said how words of foreign origin may simulate the appearance of Aryan words, and how by comparing the roots and idioms of different languages we have to determine the real character of the words. Some additional examples are adduced here to make the matter convincing. কটু, কুটি, or কুটার, কুটুষ্ঠ, and খটো, are words without roots in the Sanskrit language, while they are found
well-rooted in the Tamil speech and they are there in the company of many words derived from their living roots. For similar reasons we may say, that निमित्र (appearing some times as इमस्त्र) signifying eye-lid, is the progenitor of the Sanskrit word निमित्र (twinkling of the eye), and बल (to surround) is the root for the Sanskrit word बलम्; the very form बाला, a bangle or a bracelet, which is in use in Bengali is met with in the Dravidian language. We note again the origin of नारिकेल which though unknown in Vedic, has been a fruit of great importance with the Aryans. Kel is the word for it in the Kerala country; the first portion of the Aryan form of the word does not convey any meaning; and so I suppose that when the Aryans inquired of the name of cocanut in the Western portion of the Dravidian country, the vendors gave the name नूल (good) kel in response and hence नारिकेल became the name of the fruit. The Sanskrit word कण for अङ्क does not also come out of a Sanskrit root, while we get कण (eye) as a genuine Dravidian word; it is the defect of this कण which has no doubt been expressed by कण in Sanskrit. We may notice along with it that as a synonym of the word वर्धित्र (बाहर, बहरा, and बहरा in Prākṛta and in Vernaculars), we use the word काला which also seems to be derived from 'Kel,' to hear. It should be generally remembered that a very familiar object or idea is always expressed in all languages by one word only,* and an independent synonym of such a word (not a word expressive of the character or quality of the object or idea), cannot but be suspected to have come from a foreign source; for

* Various tribes coming together with their tribal speeches to form one people, may give rise to many synonyms for a word, and most of these synonyms may for some time live in non-literary provincial dialects to assume literary dignity afterwards.
example, the synonym बा or बार for आप, to denote streaming or flowing, can be very naturally coined, but such synonyms as नीर, तोय, or जल, may be suspected to be of foreign origin. If the word जल has come out of गल (trickle out), the existence of it may be justified, but the two other words नीर and तोय which cannot be connected with Sanskrit roots naturally arouse our suspicion regarding their origin. The Dravidian root क which we get in आ-क (teardrop, आ-क (river) is in the Tamil word नीर of which नीक or नीलू is a Telugu variant; we have to notice along with it that, the word नीर does not occur in the Vedic language; we are therefore justified to hold that the word was introduced in Sanskrit from the Dravidian source. As to तोय unknown in early times, we notice that an aboriginal tribe of Tippera use the word for water, and तूि to signify water occurs in many dialects spoken in and near Manipur. T. C. Hodson shows (J. R. A. S., 1914, pp. 148-50) that this 'तूि' is connected with Chinese 'sui.' The word in question may therefore be presumed to have come from the Kiiatasource. The word कूि for twenty occurs in some Mongolian speeches in the Himalayan region; this word may be presumed to be identical with our কুড়ি.

We notice in this connection another phenomenon of equal importance. Some Sanskrit words naturalized by the Dravidians, in their Dravidian method, are found retaken in Sanskrit as new words, unconnected with their original forms; for instance, दश, reduced to त-त防腐, has come again as तूिपा (सांतपूम परिक्रमस्ति) in Sanskrit, and the Dravidian चेघ a derivative of शब, appears in Sanskrit in the form चिं as in चिंकार. It is very interesting to note that some Sanskrit derivatives, in Bengali, disclose this fact that we have reduced some Sanskrit forms to Bengali, exactly in the manner in which the Dravidians do;
e.g., (1) In pure Dravidian such as Tamil, a vowel must come before the initial ṛ and ḷ, and according to this rule, we find that ṁ has taken the vowel ō before it, in the formation of the word Ṽḷ (cf. Oriya, Ṽḷ); (2) in Tamil ‘இ’ and ‘ச’ are not different letters and so the word சல (house) has been reduced to சல and in this very fashion we have formed the word சல or சல (roof or thatch) in Bengal. (3) குடார has been reduced to கோதிள and கோதிள in some Dravidian speeches, and we too, have given currency to exactly similar forms கோடால and கோடாலி, independently of the Dravidians; (4) we get பெல் from வல (force) in Tamil and so also பலி from வலி, strong), and it is striking that our obsolete Bengali form பொலி (cf. பலவல as a method in chess-playing in Marathi), which still exists in Oriya, and of which our modern form is பொலினி, has been formed according to Dravidian method. I have given previously a list of Dravidian words as are in use in Bengali; I add a few more examples of those words which have been wrongly considered by some to be Sanskrit derivatives; they are: (1) காதல் as a variant of காதல் or காத்தி, indicates sea in Tamil, and it is this word which is used in Bengali to signify the swelling of the sea, as உணவுடன் கடல்; (2) மோழு (to move) of Tamil is exactly the word which is in use in Bengali and Oriya; (3) பல (pronounced in Tamil almost as பல்) signifies many in Tamil, and it is this word which is in use in Bengali to signify a flock or herd, as in எங்குல் பல்; (4) the Bengali word மாளி has no doubt come from மாளி (wife), still in use in Behar, but the original word is Dravidian முக்கண or மோகன or மோக்கன் (Kota dialect); the Oriya form மাহিকিন is closer to the original; I should also note that our next-door neighbours, the Oraons of Chutia Nagpur, who have given us the words பொக்கள் and புத்தக (கோராய்முக்கிண், குக்கிண் முக்கிண்), have the use of the word முக்கிண் in their speech.
Foreign influence in India.—Even our village school boys learn to-day that many foreign nations of Western Asia and of Europe have been influencing us in diverse ways, at least from the 4th century B.C.; what impress our religious and social institutions have received thereby, should be studied diligently in special works. Not that these questions do not bear upon the history of our languages, but I am constrained to leave them out of consideration to avoid dealing with facts of complex nature. I touch only some points very superficially and irregularly, just to awaken the interest of the students in this subject of much moment. The use in the মহাতির্থি of the word শুন্ন (of Greek origin) to signify a tunnel, in a chapter bearing no mark of lateness, is of greater significance than the adoption in our later time Astronomical works of the term হোরা of Greek vocabulary, or of the Zodiac system of Ptolemic Astronomy. Many words which are treated as দেশী in consideration of their uncertain origin, may one day reveal their history to show what relation one day subsisted between us and some foreigners. The words which have come to us, either because of trade or because of casual acquaintance with foreigners, may not be of much value to us, but the fact of trade relation with outside peoples, may throw much light on many dark parts of the history of our language. The use of the word কমেলক for উড়ি (Vedic উড়ি = horse, and only later, a camel) by Kālidāsa and other poets, by adopting the Arabic name of the animal, may not signify much, and similarly our acceptance of such Portuguese words, as গিজা (egreja), চাবি (chave), পাউড়নটি (পাউড়নটি), মার্টেল or মার্টেল (martello) and শব্দান (sábao = Fr. savon) may not be a matter of serious importance, but there are other things related therewith, which we cannot afford to ignore.¹

¹ We may notice that in ignorance of their origin, some have sought to derive চাবি from চাপ (pressure) and পাউড়নটি from পা
Regarding important facts, disclosed by the records of early trade relations, some instances may be taken from the accounts of the early European traders. We learn from some Greek accounts, that the Greek people traded with the Dravidians at least as early as the 1st century A.D.; the names of ports and towns of southern India as recorded by the Greeks, distinctly show that the land of the Dravidians came then under the influence of the Aryans, for many ports and towns are found to bear names of Sanskritic origin. It is in consequence of this trade relation, that many Indian articles still bear Indian names in disguise in Western Asia and in Europe. Here are some examples: (1) The English word 'rice' comes from Greek 'oruzo' which is the phonetic representation of the Tamil word 'arici.' (2) शकर in early Aryan language indicated sand or sand-like things, and then very likely, in the second century B.C., it commenced to signify sugar by distinguishing itself from निकत शकर (sand), and this name of the article went to Italy through the Arabs, to become the progenitor of the word sugar. (3) The English word 'tamarind' is derived from Persian Tamar-i-Hind (the sour fruit of India). (4) It is admitted by the Romans, that they got 'Ivory' from the Kaliṅga people of India, and that the word is of Indian origin; it is then certainly to be derived from इं (elephant) + रद (tooth) + इं (suffix), which may take the Prākṛta form इवारिय; this example distinctly shows, that in the second century A.D., the Telegu people used many Sanskrit derivatives in their language. (5) Along with the above examples I may mention the recent word mango which is the Portuguese form of the Dravidian word मासगाइ.
A curious example as to how a word or phrase of Aryan origin may return to India in a changed garb, after a sojourn in a foreign country, and on its return may be used in a different sense, may be illustrated by the example of our phrase भूत-प्रेत; for information on this point I owe my debt to Dr. Brajendra Nath Seal: the worshippers of Buddha in Western India, got the name बोध परेरसं or भों-परेरसं, the word बोध being the changed form of Buddha and परेरसं being the Persian word, signifying worshipper; the Mahomedans were enemies of the भोद् परेरसं people in Western Asia and they applied the term to some sections of the Indian people during the early years of their rule in India; from the sound suggestion of the phrase we have reduced it to भूत प्रेत; I should note that from the name of the idol of Buddha the general name for an idol as बोध (not भूत) came into use among the Mahomedans.

I know that some Sanskritists have tried to derive the foreign words नाबालक, गरम्, कम, and बालिश (pillow) from some Sanskrit words; of these I comment only on the first two words. One who attains majority is called बालीग in Arabic, and so one who is not बालीग or is in his बिजानत is a न-बालीग in our correct court language; very curiously enough this term has been reduced to नाबालक in Bengali, though ‘not a बालक’ is the opposite meaning of the term. It is true that the Persian word गरम् comes from an Avestic word which is but a variant of Vedic ग्रीम, but it is not correct that the form गरम is an Indian अपांश of ग्रीम. It is therefore important to know the time and circumstances under which a word comes to be used in a country. I may note along with it that the derivation of राष्ट्र as given by some from the word राह is equally faulty; it is to be first noted that according to Persian grammar the noun form राष्ट्र cannot be formed from राह by the addition
of इन्त्र; in the second place, we clearly see that रक्ष्या was reduced in Pāli to रक्षा and this form रक्षा was always in use in Prākrit to become naturally the progenitor of रक्षा. I note here two other important words of Persian (originally Avestic) origin; Vedic सहस्र is hazarra in Avestic and this word as हाझः has now become popular with us. The word वाझ् (an ornament worn on the left arm) is not our own coining but has come from Persian source; certainly it is from वाझ; but this is the Avestic form of the Vedic word, वाझ; e.g., Avestic—dar e jo bāzu corresponds to दोर्षबाइ; the word दराज from dar e जो is also now in use in Bengali. I proceed next to notice those Bengali words, which in their decayed form cannot be recognised as Sanskrit derivatives, and are therefore treated by many scholars as देशी words of uncertain origin. The words I note below are of much interest and importance; my suggestions regarding their origin, should be treated as merely tentative.

(1) काण्डार—That it is from कश्कार, can be detected, when the Sambalpuri Oriya form कण्डार as well as कण्डार (usually a helm of the boat and at times the man at the helm) is compared with it. Prākrit कण्डार or कन्धार (from श्रन्द + धार) to signify edge or bank, is not to be confounded with the above word.

(2) कन (a piece of cloth) having a provincial variant टेना (pronounced as टेना in E. B.)—Seems to be from छिन—reduced to छिन, टिन or टेन or टेना. I consider another word along with it. From the fact that a sect of the Jainas was called निग्नः, the men of which sect did not care much for covering themselves with cloth, the word गङ्ग as well as its variants गङ्ग-ठ, and गङ्ग were perhaps wrongly taken for cloth by some vulgar people, as appears from a technical term of the Alekhś, viz., कनेट. The word कन्नेत very likely comes from it. कनेट is met with in बौद्धगान और दौष्ट्र perhaps to signify that piece of cloth which the women in
some tracts still wear as underlinen, and as such may be called नीरी in the Vedic sense; कन्द is in use to signify a piece of cloth or a tent. (See लेखान्त below.)

(3) कन्द (edge) being wrongly supposed to be derived from कर्ण, it is spelt usually with अ, but the word comes really from स्कन्द, for we see, that not only in the District of Jessore, and Eastern Bengal Districts, but also in the Districts of Nadya and Berhampore as well, the word काठ is in use. No doubt the line, 'मेरे हृद कल्पना काठ' has become widely popular even within the area indicated above, but in common parlance the form is always काठ and not कन्द.

(4) किरे (oath); the Hindi form as well as the form used in Sambalpuri Oriya is किरिङ्गा. The history of it is highly interesting. The method of taking an oath by what is called सच्च फिरिङ्गा (सत्य बिरिङ्गा) is certainly familiar with the Pāli scholars; it has been illustrated by a good number of examples by E. W. Burlingame in the J. R. A. S., 1917, pp. 429-67. That किरिङ्गा or किरे comes from सच्च-फिरिङ्गा is doubtless. In this connection, I may refer the students to the method of warding off curses and also of taking oath by touching the hair, as was once universal all over the globe and is now also in vogue among many rude tribes of India as well as of other countries of the world; it is because of this custom that the word माइरि (Dravidian—माइरि—hair) is still a term for assiveration; माइकि is the form in use in Orissa and in Nepal.

(5) गाड़—The origin of it may be easily traced on reference to Oriya छँड़ derived from स्त्रित as discussed before.

(6) गाड़—This word as well as घड़ा, घट, etc., must be traced to घट.

(7) घट—That the pseudo-Sanskrit form घट should be ignored, need not be asserted. Certainly the word घट
(mountain pass) comes from गिरि-सङ्कट, since संग्राम, to signify the meaning, occurs in प्राकृत, but the word गाट is not associated, in idea with गाट. (See गाट below.)

(8) चाह—In अशोक inscriptions, we meet with 'चाह' from which बुहलer derives the word, but no Aryan root has been suggested for चाह; it is certainly not Dravidian.

(9) चिन—The supposition of Carey's Pandits that the word comes from the name चिन (China) is absurd. As चिन means divided, or split, I think the term चिन for sugar is from चीरित शूड़.

(10) छेले—The earlier Bengali form of it is छाओजल or छाओल. Certainly the word छा or छि or छान comes from शाब or शाबक; in Eastern Bengal, the word छाओ, exactly corresponding to शाब is still in use. The Oriya word छुआ is applied to human young ones also, in the Sambalpur tract; it is difficult, however, to form छाओजल or छाओल by adding ल to either छाओ or छुआ, since the ल suffix as diminutive-indicating (i.e., indicating affection) is not met with in Bengali. Very likely the word बाल (child) was added to छि, or that the ल suffix signifying the very idea indicated above was once in use, for छाओ, छूआ, and छाओजल are very closely related. Sir R. G. Bhandarkar's supposition that the word comes from छेला (disciple) cannot but be rejected; छेला comes from छेट (originally छेट, cf., छेटी a female attendant of the राक्षस), neither the idea of a disciple nor of a servant can be associated with the term for an infant darling; moreover, there is a phonetic difficulty, since the original derivative is not छेला but is छाओल. The word छाओल could perhaps be reduced to छाओलिया and then to छालिया and again to छेलिया to become छेले.

(11) छौड़—comes distinctly from छोटि which is a decayed form of कुटि = कुल = खटि. The Nepalese form is छौरो (properly छोर; final ओ is nominative-indicating);
the Hindi form छोकरा with क in the middle is only a variant.

(12) झुन्ना as in झुन्ना नारीकेल is generally treated as देशा, but it suggested to me once, that it may be a derivative of जीर्ण, as जूनुही (old) is in use in some provinces, but as we get झुन्ना in प्राकृत as derived from धरि, it does not appear unlikely that the term झुन्ना was applied to that cocoanut, which produces a splashing sound when shaken.

(13) झाल—seems to be derived from धार or धारा (sharp cutting edge), as pungency is indicated by the term. Oriya meaning of the word is ‘perspiration’; धार or धारा, a stream, is also closely associated with the idea; our कोल (Oriya झुल) which signifies broth, seems connected with धार; cf. झरा, झरणा, etc. The word झाल, to pour, seems also to be derived from धार.

(14) टला—no doubt टल is in Sauskrit, but there it is a dignified घ्रोक्त word. It may be derived from चल, but very likely the original word is झाल.

(15) टुक or टुक—there cannot be any doubt that it is to be derived from टोक; from the very word टोक we have also got थोक, as I have shown before. One प्राकृत variant of टोक is थिक or थिक्स; as we meet with in the गाथा श्पष्टाती; so we think the Oriya word टिकिक also comes from the word टोक (for the origin of टि see next lecture).

(16) ठंग (slang—a leg, Hindi ठंग) is an अपड़न्ध form of जंग; the word ठंग indicates जंग as well as ‘bone’ in Eastern Hindi or Lariā; the meaning bone, comes perhaps from मंचारी ठंग = bone which is not connected with जंग. The word ठंग for thigh is in use (I am told) in the District of Berhampur.

(17) झाल (branch)—comes from प्राकृत झालु a branch, derived from दारू.

(18) टेला to pluck is not from उत्तेलन but from क्रट; टेलिबा or टूलिबा is the Oriya form and तोड़ना is the Hindi
form; to raise up is not the idea associated with it; तोड़ा (a nose-gay) is also a cognate word.

(19) तोला (a big earthen pot) comes from हुंडे; the primary अपडांश form तळुल a big cooking pot, is in use in Hindi.

(20) नोटा (affectionately attached) and नाइ (indulgence) are derived from Prākṛta नेत H. सेनह.

(21) नेकड़ा—a torn piece of cloth; it is difficult to derive it from लेट or लेंट or नेंट, which is, no doubt an apology for a piece of cloth to cover nakedness; I cannot uphold that नय is the word from which लेट is derived. How the words लुगा (Oriya), and लुश्चा (Hindi) may be connected with लुंड I do not know; but लेट is not connected with it. I think the apology for a cloth worn by निगन्तिः (निग्गिद जीन) was called निगन्तिः which may be equated with नेंट, नेंत, लेट, etc.

(22) पागल (insane)—this word seems to have a curious history: पुगला (a man) is a term which the Buddhists appropriated and Buddhist mendicants not caring for the world very likely won the name पागल as derived from पुगला; hence the modern meaning.

(23) पाहड़—Hill—the term पथन for stone as derived from पाख is well known; to the Buddhists पाख was he, who did not care for the Buddhist religion, being impervious like a stone; the derivation given by बुद्ध लोष as पासं डेनृत्विंति, has to be rejected. It is from पाख that पाहड़ seems to have originated, being a heap of पाख or पाखन.

(24) पुतुल (Pseudo-Sans-form गुत्तल or पुतुल) must be traced to गुत्र used to signify a doll. Cf. Kalidas’s description of उमा’s play by the phrase कृत्रिम पुत्रकेश.

(25) फेल-फेल as in फेल फेल करिया चाओया, to look vacantly and innocently. From अबलोकन we get बलोकन or rather बलोक; this बलोक in the shape of भुरुक (to peep in)
is in use in E. Bengal, and the form तेल to look vacantly
is in use in the west of Burdwan, as we may notice in the
expression टूकटूक तेलचे (he is looking vacantly); तेल तेल, 
most likely comes from तेल.

(26) बेाड़ा—The Persian prefix 'बे' (corresponding
to Vedic वि) as in बे-आकेल, बे-कुंजर, बे-मुका (Beng: बौंका),
etc., and which is in use with many Bengali words, such as बे-गोचाल (untidy), बे-चप्पा (ill-shaped), बे-डाँडा (irregular),
etc., is wrongly supposed to be the prefix in बे-आड़ा; this
word is identical with बिअड़ derived from बिकट as met with
in the Gauḍa Bahō. In this connection, I may mention
that the word शेलूल used at times in non-urban tracts is
not a hybrid formation, but is really the original form of शूल, since the word शूल comes from बिःशूल.

(27) भंग—like the word पागल this word has a curious
history: the Buddhist religious men of high order were
addressed by the term भंग which was, as we know, reduced
to भंड; it is the history of a satire, that भंड in the form
of भंग signifies a hypocrite.

(28) भासा (floating)—The word is wrongly treated
by some as Sanskrit, for we can notice such a curious form
as भासान. The original Sanskrit word रूयसि was reduced,
to भिसी (a raft) in Pali; from the idea, that which floats,
comes the word भासा to signify the meaning. The word भेला
seems to be connected with the word. I need not
perhaps point out that the original Prākṛta form of उड़ प is उलूप्प which is derived from उं+प्रब.

(29) मटुक, मटू or मूटू—The last word is the pseudo-
Sanskritic form of मटू which was formed from the first
word by a metathesis. The word मटुक signifying a head-
gear comes from मटक; cf. मटक the top of a thatched
house.

(30) मेकूर—this name for a cat is not current either
in Western Bengal or in Central Bengal, but that it was
once so current, appears from a line of a nursery rhyme which runs as মেঘুর মেঘুর, কটা ছানা. Sir R. G. Bhandarkar gives us two আপনং শ সংব স্থানাঐ forms of মন্দ্বর in use in different parts of Western India, which are মন্ডর and মেঘুর; that from মেঘুর the form মেঘুর may easily come out, need not be asserted.

(31) হঠা—as the verb হঠা occurs mostly in Jaina Sanskrit, it has become difficult to many to derive হঠা from হিং (to trudge).

(32) হঠা—from the genuine Sanskrit word ভাঙ্গ comes the pseudo-Sanskrit term ভাঙ্গ by the process of metathysis (ভাঙ্গ = ভাঙ্গ = ভাঙ্গ; cf. মন্ডল = মন্ডল of Prakrta = মন্ডল, which is pseudo-Sanskrit.) হঠা as a variant of ভাঙ্গ is derived from ভাঙ্গ.

In concluding this lecture I make this general remark, that to identify the Bengali language with any old time obsolete language, we have no doubt primarily to look to the Grammatical structure of the obsolete speech, but the examination of phrases and vocables is also necessary, for, special idiomatic expressions and peculiar formation of words bear peculiar marks of particular provincial origin; as foreign words are naturalized according to the genius of every language, proper study of them cannot be also overlooked. Various are the sources from which we have derived material for our language, and there are languages which are allied to Bengali; how very careful we should therefore be to determine the history of our words and in fine to determine the history of our language, should be duly appreciated.
LECTURE XIV

BENGALI AS DISTINGUISHED FROM ITS ALLIED VERNACULARS.

I propose to pursue in this lecture, a stratigraphical study of the Bengali language with the help of the facts set forth and discussed in the previous lectures. In the present state of our knowledge, we cannot make a definite pronouncement of the ethnic elements that came into the composition of our people; we are not in possession of a history which deals with the evolution of our social structure. It was therefore only possible for me, to state in a general manner, of some of the influences that have been at work in shaping our speech in its present form. I have however made it tolerably acceptable that philology can be employed as a good strata-metre, if this instrument be fitted into the handle of the history of the races speaking the language under investigation. We have seen, that in their old and archaic forms, the speeches of the Gaudian group resemble one another so closely, that it becomes ordinarily difficult to distinguish them as separate speeches, by noticing those points of difference which determine their character as so many independent dialects. To recognise aright our early forms as differentiated Bengali forms, separate from the forms of allied languages or dialects, let us proceed first to examine the structure of our speech primarily with reference to declension in a comparative method, that is to say, by considering carefully the inflexions of nominal stems (both noun and pronoun) by means of such endings as represent the various cases. This involves the consideration of the nominal formations connected with the verbs as participles, infinitives,
etc., and the finite verbs indicating different tenses and
moods. Other important points of grammatical or struc-
tural changes or evolution will be next noticed to determine,
or rather to confirm the proposition advanced before, re-
garding the origin and character of Bengali.

We may set down on the evidence of old literary
records, the language of which must be accepted on all
hands to be Bengali, that ‘মই’ and ‘মূই’ are the earliest
forms of personal pronoun of the first person in singular
number and ‘আমি’ or ‘আমূহ’ is the plural form of ‘মই’
and ‘মূই.’ The earliest Prākṛta form ‘মি’ from which ‘মই’
comes out, is in use in Mārhaṭi, but we do not meet with
the form in old Bengali. ‘মই’ and ‘মূই’ occur indis-
criminately in the “চীরূঘদীর্ধন” noticed before; ‘মই’ is still
current in the provincial Bengali dialect of Rangpur; and
this is the form that obtains in Assamese. ‘মুহি’ was only
the accented form of ‘মূই’ as ‘আমূহ’ was the accented
or emphatic form of ‘আমি.’ In Oriya the singular form
is ‘মুহি’ (though reduced very often to ‘মূই’ and ‘ম’ in
colloquial speech) and the plural form is ‘আমে’ which is a
changed form of ‘আমূহ.’ ‘আমি’ the oldest singular form
acquired the dignity of being treated as plural when ‘মূই’
came into use; it is still the plural form in Mārhaṭi
and also in Assamese which is closely related to Bengali.

As the ending ‘এ’ invariably occurred in old times to
signify nominative case, ‘আমূহ’ became ‘আমুহ’ in
Oriya and this ‘আমুহ’ when reduced to one word assumed
the shape ‘আমে.’ As we cannot be sure of the time
of the ‘বৌদ্ধ গান ও দৌহা’ edited by Pandit Hara Prasad
Sastri, we must say (for want of literary evidence in
support of any proposition to the contrary) that these
differentiated forms cannot be shown to date from a time
earlier than the 10th century A.D.; that the 10th century
A.D. is the probable time when Oriya was formed as
a distinct independent language, has been tried to be shown in the next preceding lecture by adducing some historical facts.

When the genuine singular forms were regarded non-honorific and vulgar, the plural forms were brought into use as singular and such plural-forming suffixes for nouns as রা (Beng.), মানে (Oriya), লোকে (Assamese), etc., were added to the real plural forms to make plural of them. The plural-forming suffixes ‘রা’ of Bengali, ‘মানে’ of Oriya and ‘লোকে’ (as well as ‘বৌংৰে’, ‘ইংতে’, ‘বিলাকে’) of Assamese are of provincial growth of which মানে and লোকে can be traced to old Magadhi source. It is interesting to note that though the original form of the Oriya speech flowed into Orissa, through Bengal, the Behari plural-forming suffix বন্ধ (which is only ন in two dialects) has been adopted as মান্দ in Oriya; neither বন্ধ nor ন can be shown to have been in use in Bengali at any time. This confirms what has been stated before that two streams (one through Bengal and the other through the Kosala tract) flowed into Orissa to form the language of that country.

My remarks regarding the pronoun of the 1st person are applicable to the pronouns of the second person which are ‘তু’, ‘তুহি’, ‘তুই’ and ‘তই’ in singular and ‘তুমি’ (now singular in Bengali), ‘তোমরা’, ‘তোমালোকে’ (Assamese), ‘তুম্বে’ and তুম্বেমানে (Oriya) in plural. Regarding the form আমালোকে, it is to be remarked, that though আমালোকে is idiomatic in Assamese, and the very form আমালোকে is freely used in Naogaon and Tejpur, the form is considered incorrect to-day in the standard Assamese language.

The honorific form alike of ‘তুই’ and ‘তুমি’ is ‘আপনি’ in Bengali; the corresponding Assamese form is ‘আপুনি’ and the Oriya form is ‘আপণ’. It comes from ‘আনঃ’ in the possessive case; the oldest ‘Apabhraṃśa’ was ‘অন্তন’
and the later form was 'অপন'; the original possessive sense is retained by 'আপন' as adjective as in আপন ঘর (one's own house). 'আপনি' as pronoun, signifies literally 'your own self.' This form however is seldom met with in very old literary records to signify 'you'; its use was restricted mainly to indicate 'by one's own self' as adverb; 'I,' 'you' or 'he' did a thing, 'আপনি আপনি' (Bengali) or 'আপনি আপনি' (Oriya) or 'আপনি' (Assamese) means that the doer did not take the help of any other person in doing the act. At times it also signifies 'I myself,' 'you yourself' or 'he himself' as the case may be, as in যুগ যুগ আপনি হইব (first person) অবতার (Bengali) or in আপে আসি ভগবান দেলে দরশন (Oriya).

I need hardly point out, that the genuine Māgadhi form সে (the successor of the earlier form সা) is in use in Bengali and Oriya, and its slightly altered form 'সি' is in use in Assamese. The forms 'সে' and 'কে' may also be noticed along with it. Oriya wholly agrees with Bengali in the use of these forms; the use of কি এ কে is wholly irregular being a new departure from the standard oriya use according to the Eastern Provincial peculiarity in pronunciation. I mention this fact, so that this provincial Oriya 'কি এ,' may not be mistaken for the Eastern মাগধী কি অ, of which the modern representative is কিনা.

The plural form of 'সে' is 'তে' in Māgadhi while সে and কে are found used both in the singular and plural. The plural form 'তে' is noticeable in old Bengali but not in old Oriya; 'তেহ' and 'তেই' as derived from it were in use in Bengali till the other day, and 'তে' itself is still in use (both as singular and plural) in the provincial speech of Chittagong, as a co-relative pronoun linked with 'সে,' which is introductory. That our 'তেহ' and 'তেই' are generally found in use in singular to indicate honour, need not be pointed out. 'তেই' (the honoured he) is not to be
confounded with the identical form, which is an indeclinable to indicate 'for that reason': the pun on the word by Bharat Chandra in 'অনেকের পতি তেইপতি মোর বাম' may be referred to; the primary meaning is—He, who is the lord of many is my husband, and the other meaning suggested is—My husband is also the husband of others, and for that reason he is not favourably disposed towards me. They are identical in form but different in origin: কেই (for that reason) is derived from তাহি = তাহি and our 'তাই' signifying the same meaning is a variant or a changed form of 'কেই'; this 'তাই' being wrongly spelt as 'তাহই' is confounded with the provincial form 'তাহ ই' of emphasis; the latter form is derived from তহ = তহ। In our honorific তিনি, there is the pronoun 'ন' in an enelitc manner; in Pāli, we get this 'ন' in the accusative case only in the form of নং (=তাহাকে); 'that respected he' is the round about expression to indicate honour: তেনার and তেনুর (his) are not unusual in the mouth of our vulgar people. The Bengalis who settled in Orissa, long ago, carried with them, as a matter of course many archaic forms, and their descendants now, not being in touch with the progress and change effected in Bengal, use তেনার (his), তন্নান (they), etc., very commonly. The forms, যিনি (occurs as যিনি in old Bengali), ইনি and উনি, as are peculiar to Bengali should also be taken note of here. I think, that the ন of direct pronominal origin, as has been noticed here, is not the ন which we get in কোন, signifying certain person or certain object. কোন appears to me to be the decayed portion of কেনচিঙ since কেণডি almost representing কেনচিঙ obtains in Oriya as well as in Hindi. That the ন of কেন comes directly from ম of কিম need not be pointed out.

I may note here that both the earlier emphatic form of কে (who) as কেহ, and the later form কেউ, are in use in
Bengali; on reference to the modern Behari, we can see that কেউ (and not merely কেহ) grew in মাগধী on the very soil of Magadha, yet it is only কেহি (corresponding to our কেহ) which we get in Oriya.

Case declension—The sign for nominative.—The 'অ' sound of the non-সপ্ত finals of all nouns in the Nominative Singular was reduced to 'ও' sound in Pāli, to represent very likely the সংস্ক্র তা pronunciation of অ, as I have suggested before. This sound of 'অ' which is almost ও continues with us, as an inherent Bengali speciality but we do not write 'ধম্ম' for 'ধর্ম' to paint the special shade of our 'অ' sound. This form of the word in the nominative case did not become extinct in the মাগধী speech, when the ending এ for ও came into general use, for we get in the Jaina Prākṛta, that though all nouns in the nominative case took generally the এ final, the forms with ও final were also in use; along with the forms মহাবীরে, জালিয়ে, মেহে, etc., we meet with the older form with ও ending as occurs for instance in such a sentence as 'বহ মেহে তহাজালি.' As it is in the provincial Bengali of Rungpur, so it is in Assamese that the nouns in the nominative case take 'এ' final invariably. ই for এ in such cases in Assamese as গাছিয়া (ass) লতাই (creeper), etc., is rightly explained in the Assamese Grammar as the euphonic mutation of 'এ.' This 'এ' was once much in use both in Bengali and Oriya, but now the use is limited to some special cases only. Almost all the nouns in the nominative case have 'এ' or 'ই' final in the ঐক্য কীর্তন of a time not earlier than the 14th century A.D. The modern use of it in Bengali in such cases as লোকে বলে (so the people say), মানুষে করে (so men generally do), ছুগলে থায় (the goats usually eat) is sufficiently expressive to denote the idea of plurality in an indefinite way. In Oriya, however, when a particular Pandit for example is alluded to it will be correct to say পণ্ডিতে
we cannot but notice that this Oriya idiomatic use indicates honour. As signification of honour is associated with the form of plurality, it may be noted here that when distinction between singular and plural was not being strictly observed, the nominative-forming suffix आ came to be used to signify singular and plural alike, and the older plural-forming suffix आ fell fully into disuse.

This supposition is not correct that the nominative-indicating आ originates from the sign-indicating instrumentality; the reduction for instance of से to से may be sufficient to show the wrongness of the proposition; the instances of the use of all sorts of words in the nominative case in the Jaina Prākṛta will clear up the situation. The nominative singular forms of pronouns are quite fixed; in other cases the pronominal stems in the shape of आ, तोमा, ताहि, etc., take those case-endings which are generally usual with the noun stems. It will also be seen, that some case-denoting suffixes though pronominal in origin, are applied equally to nouns and pronouns.

The sign for accusative.—It will not be less than 1400 years when the author of the Nātya Śāstra noted the predominance of आ sound in the speeches of the Eastern Gangetic valley extending from Behar to the Bay of Bengal; perhaps the lines I cite below show this predominance of आ sound in modern Bengali, far in excess of what it could be in olden time. आ of different origins and of various significations may be noted in the lines:

ग्रामे लोके एक-मने पुजिये देवतागणे
खंगे छागे काटे लोक-हिते

We see in the first place that आ as a case-denoting particle signifies many cases: लोके is in the nominative case or has the प्रथम बिभक्ति, देवतागणे and छागे are in the objective case, i.e., in the द्वितीया बिभक्ति, खंगे is in the
instrumental case, *i.e.*, in তৃতীয় বিভক্তি, লোক হিতে (=লোক হিতায়) is technically in চূড়া বিভক্তি and (আমে) indicating locative is in the সপ্তমী বিভক্তি. Then again the এ final of একমনে is adverb-forming; পৃথিয়ে is in infinitive and কাটে is a finite verb; the last three cases will be dealt with in their proper places later on.

We have studied the history of the nominative-indicating এ; it is this এ which signifies accusative as well as dative at times; ‘মে-এ,’ (me) and ‘আম্হা-এ’ (us) have been in use, since long, and the modern form ‘আমার’ is but a slightly changed form of them. When অম্ব or অন ceased to denote the accusative case in মায়াঢী, nominative sign of nouns came to be used to signify the accusative as well as dative in a large number of cases. When again, the noun stems ceased to take any nominative-indicating suffix, it was only at times that the accusative was marked with a suffix; this rule, I should say still holds good. The following sentence will be illustrative of the phenomenon, that in the case of nouns, it is with reference to syntax that we have to distinguish nominative from the accusative, and not by looking to the case-ending: মা-বাপ ছেলে শাসন না করিলে, ছেলে মা-বাপ মানে না; translated into old Bengali the sentence will stand as—জন্ম (জন্ম) মাএ বাপে পো-এ শাসন ন করই পো-এ মা-বাপ (রা মা বাপে) ন মানই.

The এ final of nouns to signify both nominative and accusative, as we meet with at times in the latest প্রাকৃত and in old Bengali, has not altogether fallen into disuse; this এ is more emphasis-indicating than case-denoting in such a sentence as ওগুর ভক্তা, (object)...দিক্ষিত কপ্তা, খা পুন বস্ত্র (nominative). It is at times diminutive-indicating, that is to say, indicative of affection or familiarity: in মা-এ বলেন পড় পুত্র, the word পুত্র is in diminutive form; in common conversation this এ is added to names to signify either familiarity or contempt.
As to the Dravidian origin of the suffix क to signify dative as well as accusative, my remarks in the 5th lecture (pp. 59-60) should be referred to. The Dravidian क remains unchanged in Oriya, and in old Bengali, we get it both in the shape of क and क; in the provinciality of Rungpur the form 'क' is still in use, as may be noticed in the forms मोक्त (आमके) and पाक (ताहाके).

To convert possessive form to objective, adding ए to the possessive form, we need not import any foreign influence; for, an idea, relating to an object may be expressed in the objective case, without drowning the sense of relation; the line—‘यादेरे चाहिया तेरमारे भुलेरे, ताबात चाहना आमारे,’ will sufficiently illustrate the case, if the thought underlying the sentence is properly analysed. This form of the objective case is met with more in poetry than in prose, in our modern language; in Eastern Bengal, however, this form obtains in common conversation language; cf., the Eastern Bengal sentences, मार-ए मारेना=माके मारिते नाई, and मोरे को नाओ भुराईवार? (How dare you suggest that the boat will be sunk by me?). We can easily trace this form of expression to a प्राकृत idiom: कश्य-ए बि पेक्खुद (whomsoever you may meet) is equivalent to यारेहै (यारे) देखेते पाओ; ‘कश्य’ is in the possessive form being the अपनंश form of कश्य and ए is clearly object-indicating here.

Instrumental Case.—To signify the instrumental case we have in Bengali the suffixes ए, दिया, and हते; their history may be briefly narrated here.

ए—The Pali Instrumental Plural suffix हि comes no doubt from विन or विन. It is well known that distinction between singular and plural was not much observed in the later Prakρtas, and one well-formed suffix, no matter whether it was originally singular or plural-indicating, became the general case-denoting suffix. There are lots
of instances of চি being used as suffix to denote instrumental singular; take for instance the line মানিনি, মানিহি কাইফল (What does it avail, Oh Mānini, by becoming cross?). No doubt at first চি was reduced to চ as we meet with in the old literary Prākṛta works, but its reduction to এই is not also very recent. The instrumental ই ending in such cases as ইচ্ছাই (ইচ্ছায়া) বিপ্লাই (বিপ্লায়), etc. as we meet with in the সেতুবন্ধ may be considered with some reasons to be derived from য়া, but the early history starting with চি is not in favour of this supposition. Be that as it may, we get the suffix ই, as well as এই, in old প্রাক্ত ত works of uncertain dates; তমোর্হি or লতাহি being reduced to ভমরেই or লতাহই, the path for further reduction to তমরে or লতা-এ (or লতায়) was paved. The history of the idiomatic use of the instrumental case forms, if studied in regular succession, it does not become easy to hold that 'এন' (say of দেবন) generated the 'এ' in question by dropping the final ন. I have discussed in the previous lecture that in our proto-Bengali, 'এন' does not occur and that its occurrence in one passage in a বৌদ্ধ দৌহা has been wrongly formulated because of incorrect reading of the text. The cases where 'এন' seems to occur in Oriya as instrumental suffix have not been in my opinion properly studied; it will be observed that the words with seeming এন suffix in Oriya have been used to denote locative case as well; I am inclined to hold, on reference to the use of ন as a particle of emphasis in Oriya, that the words with a suffix (denoting either instrumental or locative case) stand with additional ন to indicate emphasis. The half-nasal occurring in ইচ্ছ (by the desire) or নেহাএ (by the affection) does not seem to represent the loss of ন, for the instrumental form with এন is not met with in the Prākṛta speeches which are later than Pali in date; corresponding to 'এ' we get 'এরে' in Assamese and রে in Oriya;
the growth of र here is but euphonic growth. In Bengali the noun-stems having इ or उ final take an additional भ which is but an euphonic growth to facilitate easy pronunciation; compare the forms हाते धर and छूरिते काट. This euphonic transmutation is noticeable alike in Nominative and Locative, where ए is the case-denoting suffix. Where however difficulty does not occur in pronunciation, the euphonic भ does not occur; for instance बिजे भाज is commoner than बिजे भाज. Besides the ordinary examples of instrumental with ए final, I notice the instance where a peculiar Sanskrit idiom is expressed in Bengali: In आमाओऽ तोमाय बोझ पड़ा अच्छे, आमाय and तोमाय correspond to झुमृ-मया as in अन्न युत्तम् झुमृ-मया.

दिया—We have noticed the instrumental case-ending ‘देत’ and its variant ‘देत’ in the Māgadhi Prākṛta which is usually designated as Jaina Prākṛta. It is surmised by some that this देत is but the changed form of earlier चि.

This देत can be clearly recognised in the instrumental case-ending ‘दि’ in use in the district of Rangpur and ‘देत’ in use in Oriya. This archaic ‘दि’ of Rangpur is now used as ‘दिया’ in standard Bengali language; as such it has no connection with ‘दि’ to give; nor the upstart द्वारा set up by the Pandits, can have any relationship with it.

हात—I have traced the genesis of हात in the previous lecture and have shown there, that in its origin as well as in its general use in our vernacular, हात is purely the sign of the ablative case. In such a use as आमा हातेहेन कार्या न है साधन, the word हात signifies certainly instrumentality, but its ablative sense is also noticeable in the use; the action ‘flowing out of me’ can be construed to be the underlying idea.

Dative.—In Assamese we get ‘लै’ as a special dative case-ending, while in Bengali and Oriya, we have the same ‘কু’ or ‘ক’ or ‘কে’-suffix both for accusative and dative.
This 'বে', noticeable also in Nepalese and in a Behari dialect, is the reduced form of 'লাগি,' in use in Bengali as well as in Oriya; তোমার লাগি (for you) is rather a poetic use in Bengali.

Ablative.—হতে (not to be confounded with হইতে—to be) and থেকে are the two ablative suffixes in Bengali. How the ablative denoting অং generated the suffix হতে, has been discussed in Lecture XIII, p. 244. Both the প্রাক্তন forms হিত and হিং are met with in old Hindi. হিং has been reduced to হতে in Bengali and to হি in Hindi. It is the further reduced form of হি in the shape of হি, that we meet with in Oriya as well as in Marathi. The Oriya form ঝুং, from ঘুং, is not the contracted form of ঘরঢুং. Oriya ঝুং or corresponding Marathi ঝুং is quite another suffix as we shall presently notice. It has been stated that from অং we have got হতে (জ। ভূংঢং = ভূংঢং = ভূংঢং) as a general ablative forming suffix; then again we have to notice that this very অং being joined to the demonstrative pronouns 'ই' or 'সি,' and এ or 'ত' (contraction of এতল) gave rise to the particular forms ইংদি and এংদি (from here) and this newly formed দি of এংদি and ইংদি, is the progenitor of the suffix দি or থে. We have to further note that it is থে and not থেকে which is in use in the speech of the Bengali people all throughout the Northern and the Eastern districts and in the Districts of Jessore and Khulna. সেখান থে and not সেখান থেকে is what we hear in the tracts mentioned above. We can thus clearly see that থেকে of the standard language has acquired an otiose or euphonic ক.

In the district of Chittagong we get the form ঝুং for থে which by chance agrees with the Marathi form ঝুং. Corresponding Oriya form is ঝুং or ঝুং which is reducible to ঝুং or ঝুং or ঝুং. I have already suggested that the Marathi ঝুং and Oriya ঝুং are not contracted forms of
LECTURE XIV

and respectively, but that they are derived from which comes out of (the progenitor of ). of Marathi and of Oriya are additional suffixes; cf. the double Marathi forms and of Oriya and the double Oriya forms and . In (Oriya), the suffix is added to .

Genitive—There have been various suggestions regarding the genesis of , of which one or two will be noticed here. As such Sanskrit genitive forms as हरे, घरे, etc evolve ' in their conjunction with vowels, semi-vowels, and consonants which are not surds, some suppose that the Vernacular suffix has to be traced to this special phenomenon; in this supposition, it is lost sight of that was never in use in the , and the Sanskrit forms in question were never idiomatic in the speeches. What we have to really notice, is the idiomatic form to trace the history of . We first notice that न took the place of न and then अ as the representative of came into use. We have also noticed in earlier lectures that the suffix (indicating genitive) was not only liable to be mistaken for other suffixes but was incapable of expressing the idea of possession with some emphasis, on account of its fluid pronunciation or boneless character; that very often had to be substituted for the sake of forcible pronunciation, has been noticed in the course of examination of some forms. That the final boneless vowels have been at times either liable to be reduced to , or require to be otherwise strengthened, may be noted over again: ग-उ has been reduced to ग, and has assumed the form in Bengali. The tendency to put in to ensure distinct pronunciation is observable in such a conjunction in Pali, as where according to Sanskrit Sandhi rule a is not justified.
Most convincing proof of र coming out of न (or from a vowel sound representing न) is to be sought in the phonetic peculiarity which is almost universal: change of 's' into 'r' as a Dravidian peculiarity, has been elaborately noticed by Bishop Caldwell and others and this very peculiarity in all the Aryan languages of Europe has been well studied by the Philologists. How the 's' of the genitive-indicating ज of the Aryan speech has been reduced to 'r' in a very large number of cases in Italian, French, German and English, is too well known to scholars to require an illustrative statement. Thus in accordance with the universally prevalent phonetic law, and quite consistently with the actual idiomatic use of the old times, we get the history of the growth of our genitive-signifying suffix र. What is to be noted is that in tracing this history one is not forced to create an imaginary condition of things, disregarding the actual idiomatic use which has always been in force.

Having given the real history of र, I just refer to an untenable theory regarding it upheld by some learned scholars. On the flimsy basis of a form which cannot be shown to have been idiomatic in the Prākṛtas, 'केर' has been set up by some as the progenitor of र; only one solitary instance of very doubtful import is cited from the मृत्तिक in support of the existence of the form केर, by wholly overlooking the clear cases of the use of genitive in the Prākṛtas. It is clear that the form केर has been specially favoured, by the scholars under review, as an explanation, regarding the form 'एर' has been needed; it should be seen, in the first place, that in Western Hindi and in Oriya, it is 'र' and not 'एर' which is the suffix; in Oriya 'एर' is wholly unknown and the Hindi forms हामरा, तोमरा, etc., point simply to a simple 'र' suffix. I proceed to show in the second place that एर is merely
an euphonic mutation of 'র,' in Bengali; and কের as a suffix has never been known in our language.

That এর is but an euphonic mutation of র will be clearly seen on reference to the rules of idiomatic use of র and এর in Bengali: (1) এগার-র (where final is non-হস্ত), আমার, দাদা-র, দিদি-র, রাগী-র, সাধু-র, বখু-র, ছেলে-র, আলা-র are examples of words of various final sounds taking 'র' as the genitive-signifying suffix. (2) When the final is হস্ত, which is never the case in Oriya, the simple suffix র cannot be assimilated with the word, and so এর is to be suffixed; e.g., রাখাল-র makes 'র' a separate or non-হস্ত syllable unsuited to the genius of Bengali pronunciation, and so we have রাখাল-এর, এক-এর, দশ-এর, etc. (3) Non-হস্ত words of one letter, i.e., to say non-হস্ত single consonants treated as words must take 'এর' to maintain their distinctness as words; e.g., ক-এর আঁকড়ী, শ (contracted form of শব)-এর কড়ি, etc.; contrast with them কবিতায়, বত-এর সঙ্গে এত-এর তাল নিল হয়না. (4) Words ending with compound letters always generate non-হস্ত sounds (unlike what it is in Hindi) in Bengali and yet they take এর and not র as we may notice in কঁটিয়ে, গোদের, চল্লিয়ে, etc. In Eastern Bengal, however, simple র is affixed in such cases in spoken language following perhaps the general rule which is in the air. (5) When the final sound is ন (আই) or ন (আউ), the final ই or উ becomes separate syllable and as such the euphony requires the affixing of এর; e.g., দই-এর, বউ-এর, etc.

I have heard this example adduced by some to illustrate the use of কের as a suffix in Bengali, viz., কতকের as in কতকের পর্যায় but it is overlooked that here ক is an otiose ক to which according to the previously illustrated rule এর has to be suffixed; if we refer to কতকে in such an expression as 'এ মাছো কতকে কিন লে' the situation will be clear. It will be invariably found, that where কের occurs, it
does not occur as a suffix but only এর is added to a word which has an otiose ক as final.

ক and দিগের.—In Eastern Magadhi and in proto-Bengali we meet ক as a sign for genetive; the history of it, as well as of দিগের is interesting. Sir R. G. Bhandarkar has rightly remarked that ক of say, অম্হাক (অম্হাক্ষ) once came to be used as a genitive-indicating suffix. Since difference between singular and plural has not been maintained in the Vernaculars, such forms as আমা-ক and গাইক বিন্দা (noticed previously) may easily be explained; I need not state that this ক is now in use in Hindi. Sir R. G. Bhandarkar has also very rightly shown in his Wilson Lectures, that when মম or তব was not considered to be either very forcible or honorific, মদীয় and মদীয়, etc., became highly fashionable in Sanskrit as well as in Prākṛta speeches; that the history of our plural দিগের is to be traced to this phenomenon is what I assert here. That the case-denoting suffixes for our nouns are generally pronominal in origin, and that a portion of an expression used as a post-position becomes a suffix, have also been ably illustrated by Sir R. G. Bhandarkar; দীয় or rather দিয় of মদীয়, মদীয়, etc., being joined to the general suffix আ to indicate honour, the plural-denoting দিগের has originated.*

The Locative sign ‘এ’ is as old as the hills, and so no remark regarding it is necessary. I have to notice that in old Bengali ‘ত’ (from তন) was once in use, and this use is now noticeable in the provincial speech of Rangpur. It is on this account, that the unusual particle ‘ত’ comes now in such euphonic combinations as হাতিতে, গক্তে; this euphonic ‘ত’ though grown in locative formations appears

* For the history of the plural-forming রা and শুলি, vide Lecture V, pp. 676-8.
in other case formations also where ə is the suffix and \\, ࠉ, etc., are the finals.

Verbs.—The history of the forms, which verbs assume in different tenses and moods, should next engage our attention. How the Vedic tense systems were gradually simplified in the Prākrita speeches has been discussed at some length in Lectures X and XI; here our discussion will be directed more to the history of our current forms than to the history of the reduction of old systems into their present condition.

The Present system.—কৃত্তিত in the 3rd person singular gave rise to the form করিঃ and from করিঃ comes the modern form করে, which is common to Bengali, Oriya and Assamese. সে করে of Bengali as well as of Oriya has the corresponding Assamese form সি (as well as তেং and আনে) করে. The older form করহ—current in the Prākrita speeches—is often met with in the old time literature of Bengal and Orissa. It is to be first noted, that unlike in Oriya, the Bengali verbs are alike in form in singular and plural. On reference to the archaic Bengali forms করম্ব, যার্ক্রী, কহম্ব, etc., one may be led to suppose that once our verbs had plural forms; but it is not so. It should be first observed that the plural forms referred to here, were in use in the 3rd person only, and that use again was limited to present time; in the second place it is to be noted that a verb took the অষ্ঠি ending when honour of the person agreeing with the verb was sought to be denoted. Of the অষ্ঠি ending, now only ন remains and in the case of honorific mention, we say তিনি করেন, as well as আপনি করেন; it need be mentioned that though আপনি is treated as 2nd person, it is not strictly so from grammatical point of view. The সি of করোসি, in the 2nd person is not wholly obsolete; ‘স’ of করিঃ, as in তুই করিঃ, is the representative of it. Again, we may notice that the old সি has assumed the form সে and is treated as
an indeclinable particle; when we say करे, মরে, etc., an emphasis is put upon the verb by the addition of সে; pure 'সি' to signify second person, occurs very much in the Srikrṣna Kirtan.

It is wrongly urged by some, that the সি ending of the verb in the 1st person indefinite, so common in the প্রাক্তন, is not met with in Bengali; the mistake is due to the fact that some provincial future-indicating forms which take the suffix স or সি, are not recognized as forms of present indefinite. That in the following instances, the present indefinite has been reduced to future (as is done in all languages), may be easily noticed: (1) करिम as the contracted form of करिम (cf. Oriya কারিবি as well as কারিম where ব and ম are interchangeable) is in use as 1st person future in the provincial dialect of Rangpur; (2) the forms करিম, ধাম, ধাম, etc., as well as করম, ধাম, ধাম, etc., are current in the speech of the common people of Mymensing; (3) the 'সি' ending of the verb in the 1st person, present tense, as is traceable in the Singhalese speech, must be owing to the influence which the প্রাক্তন of old Bengal exerted there.

The Present Progressive.—presents a very interesting form. In করিতেছে, we get the infinitive form of the principal verb linked with the present indefinite form আছে (derived from অংথি = অস্ত + তি), in such a manner that the latter appears, not as an auxiliary but as a suffix. The formation of corresponding Oriya form করিশ্বচি has been exactly in the above manner. It is noteworthy, that a contracted form of Bengali করিতেছে, is in use in Assamese; it is therefore doubtless, that Assamese করিছে had its origin in Bengal; করিছে from করিতেছে is in use in Bengal and its further contracted form করছে is also in use in our common speech. As করিতে (formed originally by the শত suffix) is closes to the Prākṛta form করৎ, it is
earlier in date than Oriya. Though the form करिते is now unknown in the standard Oriya, it is in use in the Provincial dialect of Sambalpur, and was in use in old Oriya as noticeable in the writings of Balaram Das. As an example of its use in Sambalpur, I may cite this sentence, মূ দেখতে আইলি (I was observing when I was coming). This ‘করিতে’ formed by suffix should not be confounded with ‘করিতে’ (for doing) formed by the suffix তুম। How words in English formed originally by the suffixes ‘ing’ and ‘ung,’ look now wholly alike, may be noticed as a parallel case.

Present Perfect and Past.—The Bengali present perfect has two forms such as করিল and করিয়াছে; to the archaic past forms of the verbs either the participle or the verbal stem ‘অছ’ noticed above, is added or suffixed or agglutinated. That the introduction of past participle to denote present perfect, is of great antiquity has been shown in Lectures X and XI, but it is interesting to inquire how two distinct forms, to denote present perfect has been brought into use.

I have noticed before that the past form of অথি (অস্ত) is আসী (আসিং) in old Māgadhi; আসী as the past form assumed the shape আছী when আছ became the stem of the Bengali verb, derived from অসী. That in the analogy of আসী, the past forms করি, ধরি, হেই, etc. became the past forms in the Prākṛtas, has been shown before; it has also been shown that in the 3rd person singular, those past forms assumed the shape করে, ধরে, etc., in Proto-Bengali, when, করি, ধরি, etc., commenced to signify 1st person in the past tense; though the matter has been discussed before, I cite over again an example, to show that these archaic past forms are still in use in Bengali:—

[here করিয়াছিলাম না will be unidiomatic bad Bengali].
The agglutination of the present stem ‘আছ’ with the past form করিয়াছে to signify the present perfect, may very well be done in the formation of করিয়াছে করিয়াছে and করিয়াছে, but why in addition to the form with ল suffix, another form was introduced, has to be examined. We notice on examining the archaic paradigms, that when করি, ধরি, etc., became identical in form with the infinitives, and আছি (আসীৎ) could not clearly signify the past tense, being almost similar with the present form of the stem আছে, ল was given an extended use to signify the past, and the form আছিল (Modern Bengaliআছিল) was made to denote the past tense; to distinguish then between the present perfect and the past, say of the verb করি, করিল আছে (contracted into করিলছে) was made the present perfect and করি-আছিল (করিয়াছিল) was made the past form. শ্রীকৃষ্ণকীর্তন, which of all hitherto known old books abounds with archaic forms, furnishes us with the present perfect forms করিলছে (ফুটল+আছে), রহিলছে (রহিল+আছে) etc., Since করিল, ফুটল, রহিল, etc., were in existence previous to the formation of করিলছে etc., we can clearly see how the present forms with only ল-suffix could not be lost to the language.

Some special participle forms.—Though regarding the origin of ল no doubt exists now, I refer briefly to the history of it to notice some important grammatical forms. Professor Lassen has rightly suggested that কৃত underwent the changes কিয় and কিয় and ল took the place of উ and became finally a sign for the past tense. Pointing out along with it the fact that the Slavonic preterites are formed by ‘1,’ Prof. Lassen has remarked that the characteristic ‘1’ of the Slavonic preterite, arises out of ‘d’ which in its original form again is ‘l.’ The analogy being complete, we have been rightly asked to compare in this connection such forms of our language as খাই, খাই,
It is very clear that of our past tense came out of either त or न of the past participle. The प्राकृत from which Bengali is directly derived, gives us अ as the अपभ्रंश form of त of the past participle; the अ of प्राकृत became आ in Bengali to give rise to special forms as करा काज, कওয়া কথা, গণা টাকা, ছাড়া কাপড়, ছেড়া কাগজ, নরা মায়া, etc. The corresponding Oriya forms are however like these,—কলা কাম, গলা কথা, মলা লোক, etc. As to the ন forms of ত as we get in ভিন (Sans.) and বিন (প্রাকৃত), we may notice the Bengali past participle forms, such as অচ্চলন চুল, কোরান কাপড়, সাজান বাগান, etc.

**Special past form.**—A special form in the past tense may be noted here. The particle ‘ন’ indicating negation coalesced with ‘অধি’ and gave rise to the form ‘নবি’ (does not exist) as a single word; ‘নাই’ in our vernacular being the decayed form of নবি is not a simple particle to signify negation but carries with it the verb ‘to be’ in enclitic form. ‘নাই’ is alone sufficient to express ‘does not exist’ and such a Hindi form as ‘नहीं है’ has no place in Bengali. I have already stated that if to indicate negation this word ‘নাই’ be joined to the archaic past form, the full-bodied modern past form will be dispensed with; ‘করি নাই’ fully signifies ‘I did not do.’

**The Imperative mood.**—Before dealing with the future system, an examination of the Bengali Imperative mood is necessary. I had occasion to show in a previous lecture that such प्राकृत forms to denote the imperative mood in the 3rd person, as कर, जा, घा, etc., are in use in Oriya, and the Bengali forms कর, याओ, घাও, etc., are the very old forms with the addition of an otiose क; that the forms in the 2nd person कर, घा, घাও, etc., are almost universal, in the vernaculars, and that they come from the प्राकृत कर, या (as well as जाता), घाओ (घাও), etc., need hardly be pointed out. As in the प्राकृतas, so
it is in the modern vernaculars, that the forms of the 1st person present indicative, signify the imperative mood in the 1st person. One special characteristic in Bengali is that to indicate stress or emphasis the particle ‘গ’ (which is the same in origin as ‘ग’ or ‘गा’ of Hindi, used almost as an auxiliary with the Hindi verbs to indicate futurity) is used as a post-position after the forms in the imperative mood as illustrated above.

There is one special form of the imperative mood in the second person which is formed by the suffix ‘ইও’; করিও, যাইও, খাইও, etc., signify অন্দুরে or command in such a manner that the action indicated by the verbs, is asked to be done, not immediately; consequently the form with ইও in the imperative mood is akin to future tense. It is of much importance to note (though it is a very common fact of phonology) that ব and ধ are very much interchangeable alike in Prākṛta and vernacular; it is certainly well known that করিও (contracted in ordinary speech into কোরে) is found at times in old Bengali in the shape of করিব (earlier করিহ). We shall presently see, that it has been quite organic with us, since dim past, to develop the sound of ই at the end of the verb stem, when even in a little degree the idea of futurity is sought to be conveyed. If on reference to the arguments to be adduced presently, this phonetic peculiarity be considered to be a genuine phenomenon, the ‘ইও’ suffix of the imperative mood may be held to tender a good explanation of the origin of the future indicating ইব. However, I proceed to consider the whole question in connection with the origin of our future system; I may only note here that in the imperative form discussed here, the idea conveyed by the Sanskrit suffix ‘তবা’ is not present.

As the particle ‘লা’ which is added to the words in the imperative form to give a stress, will be dealt with
separately, I do not discuss here, such a form as करना= rather do.

The future system.—Some general remarks regarding the evolution of tenses seem called for, to explain some phenomena connected with the formation of future tense. I do not state a new proposition, when I say that it is the doing of an act, or the happening of an event, that is to say, the present tense of a verb that arises first in the primitive grammar; it is also but a repetition of the recognised truth that an action in the past and an expectation of a thing to happen in the future, were at first expressed differently, only, by the change of accent, and not by changing the form of the verb in the present tense. I have discussed in a previous lecture, what the probable origin of 'ति, 'सि' and 'मि' might be; it may be observed that the past-forming suffixes 'द,' 'स' and 'अम्' are formed by clipping the final 'इ' sound of the present-indicating suffixes and thereby shortening the accent to indicate as it were the faded away past; this is also how 'ते,' 'से' and 'ध' were reduced to 'त,' 'साद्' and 'इ.' The present creating अन्ति (derived from अस+मि) and the past creating 'श' also disclose the same history. This analysis will help us to ascertain the character of the future-indicating suffixes.

The fact that the present indefinite which is the real present to start with, indicates futurity in all languages, proves that a special gesture or accent was only added to the present form to signify futurity. Some remnants of old forms justify us in supposing that the final vowel sound of the present-indicating suffixes was prominently intonated to indicate futurity; I bring up for comparison the Prākr̥ta present form 'होइ' which is changed into 'होहिः' to indicate future tense merely by the putting of an accent on the final 'इ' sound. As the 'इ' sound to denote futurity, was prominently intonated, the sound
became a special characteristic of the future tense, and as such stuck to the root or stem of the verb, even when a special time differentiating suffix (সাচি, সালি, etc.) was introduced.

It thus appears on examining the morphology of the future-forming suffixes, that the characteristic ‘ই’ to denote partly the future tense, became in a manner an inseparable part of the verbal stem as করি, গমি, ভবি, etc., and the present indefinite form of অসা ভতি, ভসি, ভামি, etc., were made suffixes in the place of articulated gestures for signifying futurity. These newly formed suffixes assumed rather the character of auxiliary verbs like আছি, আছু, etc., of Bengali, which are joined to Bengali verbal stems to amplify the tenses. We notice this fact in the Māgadhi speech, that when the auxiliary portion was dropped, the simple ই remained with a special accent attached to it, to indicate futurity; at times হি was introduced to fully represent the future indicating stress, as may be noticed in such a form for example as আই হি; in the subjunctive mood as well, we meet with ‘হই (বদি) করিহি,’ ‘হই যা এ হি,’ etc., for হই করহি, হই যাই (present forms indicating future sense), etc. Thus we clearly see, that in some প্রায়ক্ত (specially in the মাগধী we are concerned with) ই or হি became sufficient to express the idea of futurity. As it is not simply ই but ইব, which is the future-forming suffix in Bengali, Oriya and Assamese, some scholars give us ইব from a source which is not connected with the future denoting form which obtained in the Prākṛtas. It has been formulated by some European scholars, that তবু which forms the participle of the future passive, generated the complete form ইব as the future-forming suffix. I must fully admit that this theory explains the matter completely but as it implies a break of continuity with the past, I proceed to examine the claim which has been set up for তবু.
The words formed by तथ्य were adopted in the early Magadhi speech in such forms as, करिक, ज्ञातक, पतरक, सौतक, होतक or होदक, etc. We see that there was no इ in these forms to begin with. I think that when the idea of futurity involved in those words had to be prominently brought out in the new infinitives with a shade of some difference in meaning, इ was inserted or rather grew up in the new forms करिक, ज्ञात, पाइक, कुलिक, होटक, etc. The forms भवित, होदक, होटक, and होइबार are arranged in a regular series or chronological order to show that होइबार which comes directly out of होटक, does not fully express the meaning indicated by ‘भवित’; ‘पतरंजधान’ may be nicely translated by ‘पाइबार स्थान,’ but the full meaning of भापूत्त is not obtained in the Bengali form and as such in addition to ‘पाइबार’ we have borrowed ‘प्रापूत्त’ from Sanskrit in our modern Bengali. भवित has to be translated into Bengali by ‘याहा होइबार आছে ताहा.’ This ‘तथ्य’ which has given rise to such infinitive forms as देखिबार, करिबार, etc., in Oriya and देखिबार करिबार, etc., in Bengali, may very likely give us ‘इब’ in question, but whether such an extraction was made out of तथ्य to form future tense anew by breaking with the past, is a matter for much consideration. Purposeful coining of a new suffix to indicate a tense is not a natural phenomenon; that the old idiomatic forms are transmuted imperceptibly is what should be accepted to be the natural procedure.

It is difficult to imagine that the suffix which was not extracted from तथ्य in the shape of इब, even in the latest known ग्रक्त to signify futurity, was given currency in

* Though ‘इ’ is attached to the verbal stem in ‘भवित’, its original Prakrit form is without it.

† पाइबार आছे, करिबार आছे, etc., do not imply the idea of भवित and ज्ञात.
that lost language which gave rise to the dialects (now languages) in which ইব is now used. How in a far-fetched way ইব has to be extracted from তব to make it a future-denoting suffix, and how in accepting the theory to be correct, we have to accept the situation that the idiomatic use of the past time was wholly ignored in some modern vernaculars, have been sufficiently discussed. We have seen, on the other hand, in our analysis of the forms of verbs in the imperative mood, that such a form as করহ (do immediately now) was naturally reduced to করিহ and then to করিই or করিঽ to denote a command relating to doing in future; that this naturally evolved suffix ইও, easily transmutable to ইব, could be taken up for use as a future-forming suffix, without violating the idiomatic use of the past time, is, in my opinion, sufficiently clear.

It is not true, what is generally supposed to be the case, that most of the Bengali verbs require the help of the verbs of ‘ভূ’ and ‘ক’ origin to express their action. We can easily notice that the verbs in the old Māgadhī speech did not stand in need of any additional support from other verbs as auxiliaries; it is equally clear that our genuine Bengali verbs ‘খাওয়া’, ‘চলা’, ‘শোওয়া’, etc., do not require the verbs of ‘ভূ’ or ‘ক’ origin to come to their help in expressing their own action. When in consequence of Sanskrit renaissance, our Bengali verbs were looked down upon as inelegant and vulgar, the Sanskrit verbal nouns were formed according to the rules of Sanskrit grammar, and a new method of expression being devised, the verbal nouns were made to be governed by the verbs of ‘ভূ’ or ‘ক’ origin.

Auxiliary verbs.

खाइतेछि, चलिबे, शौळ are the natural and genuine Bengali forms, while भोजन करितेछि, गमन करिबे, शयन करिल are unnatural Sanskritic forms. The influence of the Pandits became so very much dominating, that some verbs
(denoting mental acts generally) were reduced wholly to noun forms; 'इच्छा' to wish, 'चिन्ता' to think, 'पूजा' to worship, etc., are not allowed now to be declined as verbs and such forms as 'इच्छिल', 'चिन्तिल्ल' and 'पूजिल्ल' are regarded as archaic or obsolete.

The peculiarity of the forms 'मेरे फेल' (kill outright), 'फेल दाऊ' (throw away), 'स्वेट पड़' or 'योग दाऊ' (join up), 'सरे पड़' (get away), 'सेरे नाओ' (finish up), etc., need be explained. That 'फेल', 'दाऊ' 'पड़', etc., are mere stress-giving adjuncts and are not verbs in reality, cannot be easily noticed on account of the fact that these mere emphasis-indicating adjuncts take the tense-forming as well as other suffixes.

It may be seen, that when emphasis is not put upon the verbal phrases of this class, the adjuncts naturally fall off; compare the sentences 'कापड़ छेड़ूँछिछ' and 'काज सेरेछिछ' in contrast with 'कापड़ छेड़ूँ फेलछिछ' and 'काज सेरे नियेछिछ.' It is amusing to note that the Pandits, considering the emphasis-indicating adjuncts to be the real verbs, sanskritise some of these verbal phrases in a highly ridiculous manner; not seeing that 'देओया' in 'योग देओया,' does not mean 'giving,' they use the hideous phrase 'योगदान करा' for 'योग देओया'; in their mania to sanskritise Bengali phrases and idioms, they forget also that the word 'दान' does not signify simple 'giving' in Bengali, but that it signifies 'giving away' or 'making a gift in charity.' The full absurdity of the situation will be realised, if in the analogy of 'योगदान करा,' the phrases 'छेड़ूँ फेल' and 'सरे पड़' be sanskritised into 'छेड़ूँ निक्षेप कर' and 'सरे पतित हो।'

Some verbs do not usually take suffixes in declension and exist as decayed forms of old verbs; when these verbs are used, additional verbs as auxiliaries are joined to them; as usual the added adjuncts are only changed in conjugation. The verb 'काड़ा' 'to snatch away' is in use, but independently it cannot take verbal suffixes 'से काड़िल,'
'আনি কাড়িলাম' etc., are not in use; the forms in use are 'সে কেড়ে নিল,' 'আনি কেড়ে নিলাম,' etc.

The infinitives called 'অসমাপিকা' verbs formed by আ (= Pr. অ = S. আ and শ্র), as করিয়া, ধরিয়া, ছাড়িয়া, etc., are identical with Prākṛta করিঙ্গ, ধরিঙ্গ, ছলিঙ্গ, etc.; as their later contracted forms করি, ধরি, ছাড়ি, etc., are only met with in Oriya literature, and the fuller early forms cannot be proved to have existed at any time in Oriya, we may presume that the forms as contracted on the soil of Bengal flowed into Orissa. In addition to the forms 'করি,' 'ধরি,' etc., we meet with 'করিঙ্গ,' 'ধরিঙ্গ,' etc., in use in the literature of Orissa and not in the common speech of the people; this exclusively literary suffix of Oriya, is in existence in Marathi, but it is not from Marathi that Oriya borrowed it, since from the earliest known time, the use of this suffix is noticeable in Oriya literature. We do not exactly know, who those Marhattas are, who have been named in the Purāṇas, along with the wild hordes of the frontier of Bengal.

The adverbial use of the অসমাপিকা verbs in Eastern Vernaculars, including Bengali, is interesting. হেটে (i.e., হাটিয়া) is অসমাপিকা verb in such a sentence as 'আনি হেটে যাচ্চি,' but it is adverb, having the meaning "quickly" in the sentence "বেলা যাচ্চে হেটে চল"; in some cases, 'করিয়া' being compounded with some adjectives or nouns, adverbs are formed, such as, 'ভাল করে পড়,' 'যথ করে রাখ,' 'বুদ্ধি করে কাজ কর,' etc.; করিয়া or করে referred to here, is identical with করিয়া which indicates instrumental case, as in হাটে করে ধর. A class of compounds similar in form is in use in the Burdwan Division, but the compounds of this class are adjectives and their final component 'করে' conveys the meaning 'মত' or like, as may be noticed in such phrases as 'রোগা করে লোকটি,' 'কালকের মেয়েটি,' etc. It may also be noted here, that in the idiom of some Eastern Districts, for such
It is necessary to point out, that the adverb-forming \( \text{a} \) suffix, as noticeable in 'জোরে,' 'ধীরে,' etc., is identical with the \( \text{a} \) which signifies the instrumental case; as such the forms 'ধীরে,' 'জোরে,' etc., should not be confounded with the contracted forms of 'ইটিয়া,' 'করিয়া,' etc., which are used as adverbs.

**Voice.**—Our Bengali idiom does not admit such an expression as 'ইহা আমা-দ্বারা' (or তোমাঃ, or তাহা:) কৃত; only our Pandits at times write such horrid things in close imitation of মন্ত্র (or ত্রয়ো or তেন) কৃতনিদম. It is a peculiarity with our Magadhi vernaculars that even when the voice is not active, the finite verbs retain their usual form; *e.g.,* 'গাছ কাটা হইয়াছে, মন্দির গড়া হইবে, ভাত রাখা হয় নাই' etc.; in these cases what is called the অনুরূপ nominative cannot be introduced anywhere in the sentence by putting দিয়া, দ্বারা or কর্তৃক after the অনুরূপ nominative. In those cases where there is a distinct reference to the person doing an act, the অনুরূপ nominative takes the form of genitive case, *e.g.,* 'আমার ভাত খাওয়া হইবে না, তাহার নাওয়া হইয়াছে,' etc. It is noticeable in all the above illustrations, that verbal nouns, কাটা, গড়া, রাখা, খাওয়া, and নাওয়া have been made objects of the finite verbs. In the following examples, 'আমার খাইতে হইবে, তেমায় করিতে হইয়াছিল, etc., আমায় and তেমায় are certainly in the instrumental case, but the verbs are unchanged in their form, and the infinitive forms খাইতে, করিতে, etc., have been used with the finite verbs. It is also noticeable, that আমায় and তেমায় of the above sentences, may be optionally reduced to আমাকে and তেমাকে, indicating perhaps thereby, that the ক final of আমা and তেমা is wholly otiose, and is not a sign of the accusative case. The following impersonal form এটা ভাল দেখায় (or শোনায়) না = it does not look (or hear) well, shows
that the causative forms of the verbs to see and to hear, have been idiomatic in such a case in Bengali; in Oriya in such cases we get ভিক্স and ভিক্স for ordinary দেখা and দেখে respectively, but they are not causative forms; in some ordinary cases too ভিক্স and ভিক্স occur optionally in Oriya, e.g., গোলায় ভিক্স হয় or দেখা যায় ভিক্স (একটা ভিক্স হয় যাচ্ছে) and, খণ্ডে শূন্য দিক্ষ হয় or দেখে যায় ভিক্স (এক খানা নোকা দেখে যাচ্ছে). According to special Bengali idiom, such honorific expressions as আপনার আসা হলো, and অতঃপর যাওয়া হবে, are very common. As for special peculiarities of Bengali voice, the above examples will quite do.

Some particles and indeclinables.—The scope of these lectures does not allow me to deal with all the parts of speech and with all primary and secondary suffixes; it is not to write a regular grammar, but to trace the history of our language, that these lectures are intended. I proceed now to deal with those particles and indeclinables, which being peculiar to the Bengali language, differentiate Bengali from the allied Vernaculars, and which have to disclose to us the interesting history of their origin.

(1) আই। This peculiarly Bengali interjection is no longer in use; we get it, for example in the আন্দামাঙ্গল, “আই! আই আই! আই বুড়া কি এই গোরীর বর লো ?”; in some Eastern districts however, it survives in the form of আউ as an interjection expressing disgust, and is often heard with ছি at the end of it, as আউ ছি?

(2) আঞ্জা in respectful response to a call, is not much in use in the sea-board districts of Orissa, where the Hindi word ছি is much in vogue, but this Bengali form is fully in use in the Sambalpur tract.

(3) আবার, আব, আব-উ and ও—from অপর we got অব and this অব is অব in Hindi and Oriya and is আবার in Bengali; in Hindi the pronunciation is আউ-অর, but in Oriya it is pronounced with ‘b’ and not with ‘v.’ We
should remember that आवार has no connection with आरवार, for आर has a different history. आ as a variant of अ (derived from ङ) was once compounded with another particle उ to form the compound conjunction आउि, which is still in use in Oriya; this आउि reduced to the form आइ is in use in Bengali, but आ is now generally confounded with आइ-इ; ‘आ’ is a changed form of आउ or rather आइ, and its signification is ‘and’ as well as ‘also.’ To denote ‘also,’ the particle वि, a broken part of अपि or अवि, has been in use in Hindi and Oriya, and never in Bengali, so far as literary records show. ‘अबि’ was very likely pronounced in Bengal, as ओबि, as our phonetic peculiarity warrants us to hold; and thus perhaps we got ओ which signifies ‘even’ as in आबि ओ; this ओ is different in meaning and origin from ओ which signifies ‘and’ which comes from अ (=-०) by virtue of the peculiarity of our Bengali pronunciation. It is significant, that ओ (=-and) is also in use in Oriya, though the full संकृत sound of अ does not prevail in Oriya. [For another ओ see (५) below.]

(४) ओ—a particle, uttered in response to a call; though a variant of छ (=-yes), it has a different signification; the corresponding Oriya form is ओ which is different from छ (Bengali हি) as signifies assent.

(५) ओ—which is uttered in response to a call as well as in addressing a man, is in use in Oriya as well. Vedic हौँ was reduced to ओँ and then to ओहे; ओहे is used in Bengali in addressing, following the traditional meaning, but its decayed form ओ is generally uttered in response to a call.

(६) ओति and ओति.—These two Vedic indeclinables, signifying ‘how much’ and ‘that much’ respectively, are not met with in Sanskrit. We have added ओ (from पढ to signify many steps perhaps) to ओति and the compound form ओतिपढ is in use in high-flown Bengali; ‘ोति’ being compounded
with কণ, once came into use in Bengali as তত্ত্বণ; this form is wholly different from তৎক্ষণ (Prākṛta as well as old Bengali) which is derived from তৎক্ষণ.

(7) গে—Its use with verbs in the imperative mood has already been commented upon. Its another use as a resting ground for thought, like ‘এর নাম কি’ (cf. Sanskrit and Prākṛta, নাম of singular use) or অর্থাৎ or কিনা, etc., may be noticed, in such phrases as আর হচ্ছে (further more), কথা হচ্ছে (the thing is), etc.

(8) চাই—in such a sentence as চাইকি তিনি যদি নাই যান, is but the representative of ওঁ which was reduced to simple ও in Prākṛta.

(9) ছি—It is curious that some scholars have missed its real derivation which is from ধিক্স (ধি=ছি).

(10) টি and গোটা—The fact that the derivation of the particle has been a puzzle to many scholars, is partly in support of its origin from the Dravidian source. A very definite and distinct root of this particle is found deeply planted in the Dravidian speech or speeches; all the branches of the Dravidian language possess it in one form or another, and the very form টি is in the speech of the Andhras, who once established intimate relation with all parts of Northern India. This টি of Telegu which corresponds to other forms in other Dravidian languages, is a characteristic inflectional increment at the end of neuter nouns. That in our use of টি, as definite article in Bengali and Oriya, we agree with Telegu, will be convincing on reference to the history of this particle as given in Caldwell’s Comparative Grammar of the Dravidian Languages (vide ibid, p. 204). It seems that to begin with, টি used to be affixed to neuter nouns only, and its variant ‘ডি’ was being used with other nouns, for in old time idiom, we meet with পাছোড়ি, পাহাড়িটি, লাটিটি, etc., on one side and বহুর্ডি, বিউড়ি, শ্বর্ডি, etc., on the other side;
we may notice that in Eastern Bengal, such forms as
ভাইড়ি, বোনড়ি, etc., are still in use. We may compare
with the above forms, the Hindi particle टा used with
adjectives and neuter nouns, as in Telegu and so also
the Hindi use of डि as agreeing with बছड়ি, কিউড়ি, etc.
I may further remark, that the pseudo-Sanskrit form বহুটি,
of a very late time Sanskrit, points to the extensive use
of the particle in question in past time.

The supposition, that the definite article টি comes from
gোট (entire in Bengali), is doubly faulty. We have
no doubt seen that টি in its form and function as agreeing
with our usage, is in its natural position in the Dravidian
language, but we have to further notice that গোট has never
been in use in Hindi, and yet we meet with টা and ডি in
that language; I should note that I exclude purposely
Nepalese from the list, as owing to a special Dravidian
influence the word গোট has gone over to that country to
signify exactly 'one' as in Oriya. In the next place we
have to take note of the fact that গোট signifying either
'entire' or 'one,' comes from the Telegu cardinal
numeral okaṭi; that okaṭi is not an adaptation of Sanskrit
এক, but is connected radically with the original Dravidian
term for 'one,' cannot be discussed here and the students
may refer for it to Caldwell's work as named above. I
only notice that গোট in the form of গোতান is a suffix in
the speech of our Dravidian neighbours the Oraons.

(11) তরে (for the purpose of).—It is specially to be
noted that to indicate the meaning 'for the purpose of' the
particle হি was in use in the Chhāndasa or Vedic language,
and this হি was not adopted by the Sanskrit language; it is
well known that we meet with 'তরে' in Pali, exactly to
serve the purpose of the Vedic হি, and so we may rightly
presume that this তরে is a genuine দেশী particle; we then
notice that in Sanskrit the corresponding form is তধি,
which is nothing but an amalgamation of the Prākṛta तर and old-time हि.

From तर of Sanskrit again, came the Prākṛta तर (for that reason), which should not be confounded with तरिं and its later form तरिः as derived from तविं. From तरिः of अप्रकृत, there came out another form तेरिः or तेरिः of which तें became the contracted form. In my opinion तें does not come direct from 'तें' to indicate तें कारणेन. That our old Bengali तें and modern ताइ have to be derived from अप्रकृत तिः of तिः origin, has been already discussed. We have to note that 'तरे' of old-time अप्रकृत or पाली, is itself in use in the Bengali language.

(12) না, লি, and সেন্দু—It is well known that the particle শু of Vedic times (as in কৃত্তব্যেহ শু—ante, p. 109) has always been in use in Sanskrit, and 'ন' has been its form in the Prākṛtas. I am strongly inclined to hold by differing from the time-honoured opinion of the grammarians of old days, that ন as occurs for instance with 'তে' and 'সমর' in such Pali sentence as তেন কো পন সমরেন, has the force of হি and is the ন of শি-origin, and not the sign of instrumental case, for, the regular locative forms are in plenty in পালি. This suggestion of mine, however, has no concern with what I am going to illustrate. I have no doubt that our emphasis-indicating ন as in এসনা (please do come) is identical with अप्रकृत 'न' of शू origin. In Oriya we meet with the particle both in the shape of 'न' and 'নি'; the latter is in literary use (as in হেলা নি—it is done) and the former is in the mouth of all people, along with নি in the Sambalpur tract; দশ বাজিলা-ন and দশ বাজিলা-নি are used alike in common parlance. In some parts of the District of Jessore, in the Eastern parts of the District of Nadiya, and in Northern Bengal, নে and নি are of general use as articles of emphasis; আমি যাবেন (Eastern parts of
Jessore and Nadiya) and (Eastern Nadiya and Northern Bengal) are examples. I think these examples from various quarters, show, that न, ने, नि, and न itself, are identical with अकृत 'न' of ancient नु origin.

We have noticed in the 13th Lecture, that 'हि' performing the function of न or न्त, was reduced to सि (as in से-सि of श्रीरुपकर्त्तन=modern से-त); it is pretty clear that this सि with the appendage of aforesaid न or ना, appears in Oriya, as सिना (e.g., से सिना कहिकिला=से त करेंगिला) and in the Eastern Districts of Bengal, as सेन् (e.g., से सेन बनेंगिला=से त बनेंगिला). It may be supposed that सिना or सेन् comes from Sanskrit सिं; but as सिं in any form does not occur in the अकृत्तस, the derivation, I have suggested, seems to be the right one.

(13) कहि, as in तोषा कहि आर जानिनि is certainly the decayed form of बहरित; it will be very wrong to identify it with Sanskrit particle कहि of the series, ॐ, कहि, तृ, हि. I need hardly point out that त comes from तु of the above series.

(14) यदि and याइ—I notice यदि, as re-sanskritised from प्राकृत and old Bengali याइ, for this reason that it has been mostly in use in Bengali, and the introduction of it in Oriya has been at a very recent date. In Oriya याधे (Bengali याध, Hindi याध) has been always the form in use. The प्राकृत form of याद as याइ has been in use in Bengali only, in the form of याइ (e.g., से याइ एल, असूनि आबी गोलाम).

(15) त—This particle which is used as a prefix is of much interest. Formation of adverbs with this prefix in strict accordance with the Sanskrit usage, is no doubt in vague in Bengali, as may be noticed in such expressions as सदर्प, समेह, etc., but it is the non-Sanskritic use of this prefix, which we have to note here. 'त' as opposite of privative 'अ' in such an expression, for instance as सकिंत (opposite of अकिंत) has been in use in Pali as well as in
other Prākṛtas of later days; it is this use which is now idiomatic in our Vernacular. Such instances as सक्षम, सपारग, सत्स, etc. (opposite of अक्षम, अपारग, असक्त, etc.), are often met with in Bengali; here the form सक्षम for instance may be bad according to Sanskrit Grammar, but it is not so according to Bengali idiom, as may be noticed on reference to the following Bengali idiomatic expressions. ठिक is an adjective and it takes the prefix स, signifying very much, to express intensity of meaning; सठिक (very much accurate) does not change its character and remains an adjective; सकातर, सचकित, etc., are similar expressions. Neither the adjective form सजाग (very wakeful) nor the adverb form सजोबे (with force), should be referred to any rule of Sanskrit Grammar.

Some Secondary Suffixes.—I proceed now to notice a few secondary suffixes of Bengali, as disclose some special characteristics of our language.

Feminine-forming suffixes.—It has to be noted that the छान्द rules for reducing masculine to feminine were not always strictly followed in Pāli; the feminine form of ‘चार’ is चारी in Pāli, and it will be seen that our modern rules are fully in harmony and accordance with the spirit of the Māgadhi usages. The suffix आ of the Sanskrit Grammar, did not come into use in the Prākṛta from which Bengali originates. In the प्राकृत ई and नी were the two suffixes which have been inherited by Bengali; our Pandits only at times violate our idiomatic use by importing the Sanskrit suffix आ.

It is rather a simple rule in Bengali, that all masculine nouns having अ or आ final, take ई (occasionally इ in feminine), and all other words (i.e., having इ, उ, ए and ऐ finals) take नी (at times reduced to आनी in euphonic mutation) to indicate feminine forms; the only important proviso is, that the words having अ or आ final do also
take ঈনী, when they signify a class or a trade-guild. The examples are:

(1) From words having অ final.—নির্লক্ষ্য (শ্রীকৃষ্ণকৈর্তন) বানী (চক্রীদাস), বাঙ্গালী, শিবতারী, etc. Here we notice two exceptions, viz., সাপিনী from সাপ (ভারতচন্দ্র) and বাধিনী from বাদ, which is usual in our speech; in respect of these two exceptions, I should say, that they are due to euphonic reasons. In বেনাই from বেন, and ননাই from নন্দ perhaps we get the ঈ to denote masculine from the ending of জালাই by false analogy. It may also be supposed that the words were compounded with পতি which was reduced first to পই and then to অই.

(2) From words having আ final.—কাকী, খুকী, ছুড়ী, বেঙ্গনী (from বেঙ্গন), বঙ্গী, চন্দ্রমূর্তি or -মূর্তী (from প্রাক্তণ চন্দ্রমূর্ত), পোড়ারমূর্তী (mas. is not-মুখো but virtually-মুখো or মুখো), আহরী (really from আহরিশ্রী, which is only reduced to আহরে; আদরিনী is a pseudo-Bengali form coined by জাথরায়াল মানুষ to make the word dignified). Like আদরিনী, পাগলিনী is a pseudo-Bengali term, for in our speech the word পাগলী (be it from পাগল or পাগুল) is in universal use.

N.B.—As the feminine forms of words of আ final have the suffix ঈ, the masculine words, formed grammatically from feminine words, with ঈ final, have been made words with আ final; for example, from মাসি পিসি (orig. মাসিসি, and পিসিসি), we have got সাঁউসিসি (সেনং) and পিসিসি (পিসি). Similarly when from ব্যক্তি the অপ্নাস এট্রাকট তেট্রাকট মূলভ্রান্ত ছিল, a new regular masculine word was coined as বেটা.

(3) The words signifying class or trade-guild must take ঈনী (or its variant অনী or নী), no matter whether the final is রস্তো or has অ or আ or any other vowel. The examples are: বেঙ্গা—বইতালী, নাপিন—নাপিনী or নাপিতালী, কামালী, গোলাল—গোলালী, মলালী, মালালী, বাঙালী—বাঙালী তেলিনী, কলু—কলুনী মালো—মালুনী etc. We have also
to notice, when new words are formed by our villagers they follow the unwritten law of our grammar and coin such feminines from words denoting occupation as মাটিকর্মী, ডাকাতিকর্মী and পতিতকর্মী.

_N.B._—When the feminine forms themselves have come to us having already been formed in Sanskrit, as a matter of course, we do not Bengalize them, even when we make অপসর্গ of them; thus it is, that though the word ব্রাহ্মণ signifies a class, the অপসর্গ of ব্রাহ্মণ, as ব্রাহ্মণী remains unchanged in Bengali. It may also be said in respect of this particular example that as ন happens to be the final of the word in question, ন of the suffix ইনিই is bound to be dropped for euphonic reasons.

I notice also here the words having ওফিন suffix which seemingly appear as exceptions; the words having been borrowed from Hindi, the Hindi forms are used in feminine, and the suffix ইনিই appropriate to trade-signifying class, is not used.

I make this general statement that all masculine forms as do not come under (1) and (2) above take ইনিই for feminine forming suffix. What I have stated in commenting on আদর্শীনী and পাপিলেনী may be said in respect of the following words; some words which are never used in Bengali as মাতিক, কুর্সি, etc., present the forms মাতিকিনী, কুর্সিকিনী, etc.; we clearly see that these forms could never be coined in a natural way in Bengali, and certainly our Jatrawalas coined them to make a show of pedantry. Our genuine Bengali words conform to the rules I have enunciated.

_Suffix আ_ of various significations.—The diminutive-forming আ is rather universal in Northern India, and as such special examples need not be cited in using such a form as হরিয়া (হরে), for হরি to signify non-honorific address; we agree with other Indian Vernaculars, but we may
note that to signify affection, we use the suffix उ where
euphonic combination becomes possible; काघ, हक, थुक, etc.,
are examples. It is supposed that the उ suffix mentioned
above is virtually the contracted form of उ आ which is a
variant of ह आ or rather the euphonic mutation of आ. For
examples of आ as signifying diminutive, and as not
connected with or derived from the final क which is
diminutive-indicating in Sanskrit, I may just mention
two words namely बापा (temporary lodging or nest) from
बाप, and घरा (a little hole, say, a button-hole) from घर.
That पुत्र for पुत्र (e.g., माये बलन पड़ पुत्र) from पुत्रक
is entirely different from either घरा or बापा, is clear and so
we may hold that there is a pure and independent आ
which signifies diminutive.

The adjective-forming का is generally considered to be
a combination of क and आ; this appears doubtful to me,
on reference to the signification of the following forms,
_riz._, (1) पल्का = liable to break easily (from पड़ to fall
+का), (2) हल्का = light (लबू = लहू + हल्का), (3) खट्का,
that which causes a खट्का or doubt in the mind (here old
agency-signifying क in the form of का may be the suffix)
(4) बलका as in बलका हुप (which is slightly बलित or rather
असीमित or boiled).

As to the adjective-forming आ, derived from past-
participle-forming क = त = आ, remarks have already been
made in a previous lecture.

The adjective-forming इया as in वर्गमानिया or वर्गमेन
has no connection with general आ suffix; it is Sanskrit इ
as in मदीया which is our adjective-forming इया; this इया,
we clearly see, indicates relation.

I have omitted to take notice of the Sanskrit suffixes
and forms in use in Bengali, as no special remarks reg-
arding them may be considered needed in these lectures,
though it is interesting to know when and under
what circumstances Sanskrit language was made to contribute to the stock of our language. I should not omit to mention, however, that a real necessity impelled our writers to import Sanskrit words and Sanskritic forms. It has already been mentioned that as our proud ancestors did not care to express their high thoughts in the vernaculars of the people, the living speeches dragged on a miserable existence. We needed suitable expressions and new serviceable suffixes to express ourselves properly. Sonorous Sanskrit words were also laid under contribution, to maintain an elegance of style. I may remind you that classical words and old flexions are for the very reason employed in modern European languages to give vent to aesthetic ideas in an effective manner. Some fine sentiments and associations may only be best expressed, if, as in English, classical forms are resorted to. The remarks of the English philologists, that while the old forms are useful and effective in an elegant composition to express aesthetic ideas, the modern simple forms are very much necessary to make very accurate and lucid statements of facts, are wholly applicable to Bengali. I mention these facts, not so much to justify the procedure in question, as to show how changes are effected and have been effected.