BASE STRUCTURE

1.0 The base structure of a discourse is the structure of the base sentences out of which the discourse is generated by transformations. The present Chapter is a list of the structures of the base sentences found in the analysis of 'Indulekha' and 'Marthandavarma' separately. This Chapter has two parts, the first part deals with the base structures in Indulekha and the second part the base structures in Marthandavarma. The list given below is restricted to the analysis of 30 sentences from both the texts. The number of base sentences out of which the 30 sentences are derived varies, in the two texts analysed. The average number of base sentences in a textual sentence is also given. The base sentences are classified into three major types each of which are classified again into several subtypes. The number and percentage of occurrences of each major type and subtype are also given. The percentage is calculated by the formula $P = \frac{O \times 100}{T}$, where $P = \text{Percentage}$, $O = \text{number of occurrence of a type or subtype}$ and $T = \text{Total number of base sentences in the discourse}$.

Though all the three major types are found in both the texts, some of the subtypes are peculiar to particular texts. The
first two subtypes under the first major type and the first eight subtypes under the major type III are common for both the texts. There is only one subtype common under the major type II.

PART I : INDULEKHA

Total number of sentences analysed = 30
Total number of base sentences = 177
Average number of base sentences in textual sentences = 5.9

1.1 MAJOR TYPE I

\[ NP_1 + (PP_1) + (NP_2) + (Adj) + Copula \]

Number of occurrences = 40
Percentage of occurrences = 22.60

1.1.0. SUB-TYPES

1.1.1. \[ NP_1 + NP_2 + Copula \]

Number of occurrences = 22
Percentage of occurrences = 12.43

Eg: (a) maadhavan + ati + buddhimaan + aanu

1 2 3 4

'Madhavan is very intelligent'

1 4 2 3
(b) maadhavan + ati + koomalan + aanu

1 2 3 4

'Madhavan is very handsome'

1 4 2 3

(c) maadhavan + oru + yuvaavu + aanu

1 2 3 4

'Madavan is a young man'

1 4 2 3

1.1.2. NP₁ + Adj + Copula

Number of occurrences = 5
Percentage of occurrences = 2.83

(a) buddhi + samarttham + aanu

1 2 3

'Intelligence is Excellent'

1 3 2

(b) Vilpatti + onnaamtaram + aanu

1 2 3

Scholarship is foremost

1 3 2

(c) bhuusanam + valutu + aanu

1 2 3

decoration is enormous

1 3 2

1.1.3 NP₁ + PP + NP₂ + copula

Number of occurrences = 13
Percentage of occurrences = 7.35

eg:(a) Kriket + imgliismaatiri + vyaayaamam + aanu

1 2 3 4

Criket is an English model exercise

1 4 2 3
(b) anya bhaasa + biie. pariiksaku + samskrtam + aayirunnu
'\text{sanskrit is the foreign language in B.A. examination'}
\begin{align*}
1 & \quad 2 & \quad 3 & \quad 4
\end{align*}

(c) \text{sariiram + yauvanaarambhattil + atimanooharam + aanu}
'\text{body is very beautiful in the beginning stage of youth'}
\begin{align*}
1 & \quad 2 & \quad 3 & \quad 4
\end{align*}

1.2 MAJOR TYPE II

\begin{align*}
\text{NP}_1 + (\text{NP}_2) + (\text{Adv}) + (\text{PP}) + \text{untu} \\
\text{Total Number of occurrences} & = 55 \\
\text{Percentage of occurrences} & = 31.07
\end{align*}

1.2.0. SUB - TYPES

1.2.1 \text{NP}_1 + \text{NP}_2 + \text{untu}

\begin{align*}
\text{Number of occurrences} & = 30 \\
\text{Percentage of occurrences} & = 16.95
\end{align*}

\text{eg: (a) maadhavanu + kutuma + untru}
'\text{madhavan had a tuft of hair'}
\begin{align*}
1 & \quad 2 & \quad 3
\end{align*}

\text{(b) maadhavanu + buddhi + untru}
'\text{madhavan had intelligence'}
\begin{align*}
1 & \quad 2 & \quad 3
\end{align*}

\text{(c) gurunaathanmaarkku + sisyanmaar + untru}
'Teachers had disciples' 
\begin{align*}
1 & \quad 2 & \quad 3
\end{align*}
1.2.2. NP\textsubscript{1} + NP\textsubscript{2} + Adv + untu

<table>
<thead>
<tr>
<th>Number of occurrences</th>
<th>= 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage of occurrences</td>
<td>= 5.65</td>
</tr>
</tbody>
</table>

eg: (a) maadhavanu + saamarttham + kuutatal + untu

1 2 3\textsuperscript{a} 4

'Madhavan had more efficiency'

(b) aalinu + diirgham + dhaaraalam + untu

1 2 3\textsuperscript{a} 4

'person had much of height'

(c) enikku + saamarttham + valare + untu

1 2 3\textsuperscript{a} 4

'I had much efficiency'

1.2.3. NP\textsubscript{1} + PP + NP\textsubscript{2} + untu

<table>
<thead>
<tr>
<th>Number of occurrences</th>
<th>= 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage of occurrences</td>
<td>= 8.48</td>
</tr>
</tbody>
</table>

eg: (a) maadhavanu + naayaattil + sakti + untu

1 2 3\textsuperscript{a} 4

'Madhavan had adroitness in hunting'

(b) sakala yuuroopyanmaarum + maadhavane + paricayam + untu

1 2 3\textsuperscript{a} 4

'Each and every Europeans had acquaintance with Madhavan'

(c) Kutuma + muttinu samam + niilam + untu

1 2 3\textsuperscript{a} 4

'Tuft of hair had length up-to-knee'
1.3. MAJOR TYPE III

\[(NP_1) + (PP_1) + (PP_2) + (NP_2) + \text{Adv} + (\text{Compl}) + V\]

Number of occurrences  = 82

Percentage of occurrences  = 46.33

1.3.0. SUB-TYPES

1.3.1. \(NP_1 + NP_2 + V\)

Number of occurrences  = 10

Percentage of occurrences  = 5.65

eg: (a) maadhavan + imgliis + pathiccu

\[1 \quad 2 \quad 3\]

'Madhavan studied English'

\[1 \quad 3 \quad 2\]

(b) maadhavan + pariksakal + jayiccu

\[1 \quad 2 \quad 3\]

'Madhavan passed Examinations'

\[1 \quad 3 \quad 2\]

(c) ellaavarum + ayaale + kantu

\[1 \quad 2 \quad 3\]

'Everybody saw him'

\[1 \quad 3 \quad 2\]

1.3.2. \(NP_1 + PP_1 + V\)

Number of occurrences  = 10

Percentage of occurrences  = 5.65

eg: (a) vaayanakkaar + oru samayam + abhipraayappetum

\[1 \quad 2 \quad 3\]

'Readers will make once (their) opinion'

\[1 \quad 2 \quad 3\]
(b) gurunaathanmaar + skuulil + pathippiccu

1 2 3

'Teachers taught at school'

1 3 2

(c) maadhavan + onnaamatu praavaśyam + pooyi

1 2 3

'Madhavan went for-the-first-time'

1 3 2

1.3.3. NP₁ + PP₁ + PP₂ + V

Number of occurrences = 7

Percentage of occurrences = 3.95

eg: (a) sukhaññal + otuvil + veeRe oru valiyil + tirinnu

1 2 3 4

'Pleasures-and-enjoyment atlast turned to another way'

1 2 4 3

(b) maadhavan + ellapariiksayilum + onnaamatupraavaśyam + jayiccirunnu

1 2 3 4

'Madhavan has passed all examination in the first chance'

1 4 2 3

(c) maadhavan + naayaattil + ceRuppammmutalkke + parisramiccirunnu

1 2 3 4

'Madhavan tried hunting early from the youth'

1 4 2 3

1.3.4. NP₁ + Adv + V

Number of occurrences = 6

Percentage of occurrences = 3.38
eg: (a) yuuRoopyanmaar + veRute + kaanunnu
1 2 3
'Europeans see for nothing'
1 3 2

(b) naan + eni + PaRayanamalloo
1 2 3
'Even I have-to-tell'
2 1 3

(c) naan + curukki + PaRayunnu
1 2 3
'I am telling in brief'
1 3 2

1.3.5. NP + V

Number of occurrences = 4
Percentage of occurrences = 2.25

g: (a) naan + Saąkikkunnu
1 2
'I am doubting'
1 2

(b) ellaavarkkum + toonnum
1 2
'Everybody will-feel'
1 2

1.3.6. \( \Delta \) + NP2 + V

Number of occurrences = 19
Percentage of occurrences = 10.73

g: (a) \( \Delta \) + buddhiye + paRRi + PaRannu
1 2 3 4
\( \Delta \) told about intelligence
1 4 3 2
(b) $ \Delta + \text{doosan\'{a}nal} + \text{vivarikukunnu}$

\[ 1 \quad 2 \quad 3 \]

' $\Delta$ discussing demerits'

\[ 1 \quad 3 \quad 2 \]

(c) ' $\Delta + \text{kaikal} + \text{kaanunn\'u}$'

\[ 1 \quad 2 \quad 3 \]

' $\Delta$ see hands'

\[ 1 \quad 3 \quad 2 \]

1.3.7 NP$_1$ + NP$_2$ + Adv + V

Number of occurrences = 6

Percentage of occurrences = 3.38

eg: (a) $\Delta + \text{deeham} + \text{tadanuruupamaayi} + \text{srsticcu}$

\[ 1 \quad 2 \quad 3 \]

' $\Delta$ created body accordingly '

\[ 1 \quad 4 \quad 2 \quad 3 \]

(b) $\text{maadhavan} + \text{dinamprati} + \text{vyayaamam} + \text{aacariccuvannu}$

\[ 1 \quad 2 \quad 3 \quad 4 \]

'Madhavan has-done exercise daily'

\[ 1 \quad 4 \quad 3 \quad 2 \]

(c) $\text{bhayam} + \text{nallavannam} + \text{enne} + \text{manasilaakkiyirunnu}$

\[ 1 \quad 2 \quad 3 \quad 4 \]

'Fear make me understand'

\[ 1 \quad 3 \quad 4 \]

1.3.8 NP$_1$ + PP + NP$_2$ + V

Number of occurrences = 12

Percentage of occurrences = 6.77

eg: (a) $\Delta + \text{kaantiye paRRi} + \text{rantaksaram} + \text{paRayunnu}$

\[ 1 \quad 2 \quad 3 \quad 4 \]

' $\Delta$ is saying some words about beauty'

\[ 1 \quad 4 \quad 3 \quad 2 \]
(b) \[ \Delta + \text{višeesa vidhiyaayi + varnana ceyyunnu} \]

1 2 3 4

\[ \Delta \text{ is doing the description in distinguished manner} \]

1 4 3 2

(c) \[ \Delta + \text{gunamkontu + durvyapaaraññal + kaanunnunu} \]

1 2 3 3

\[ \Delta \text{ see evil things by goodness} \]

1 4 3 2

1.3.9. NP₁ + PP₁ + PP₂ + Adv + V

Number of occurrences = 1

Percentage of occurrences = 0.56

eg: (a) \[ \Delta + \text{Kutuma kontu + muttoolam + krtyamaayi + alakkaam} \]

1 2 3 5

\[ \Delta \text{ can measure by the tuft-of-hair up-to-knee correctly} \]

1 5 2 3 4

1.3.10. NP₁ + PP₁ + PP₂ + NP₂ + Adv + V

Number of occurrences = 2

Percentage of occurrences = 1.13

eg: (a) \[ + \text{veRum kaalcayil + atikautukam + eluppam + maadhavane + toonni} \]

1 2 3 4

\[ \Delta \text{ felt interest easily in Madhavan by the-first-sight itself} \]

1 6 3 4 5 2

(b) \[ \Delta + \text{saadhaarana + patinettu vayassumutal + yuvaakkalil + cilappool + } \]

1 2 3 4

\[ \Delta \text{ is seeing } \Delta \text{ occasionally in youngmen from the age of eighteen usually} \]

1 7 6 5 4
1.3.11 NP₁ + PP₁ + PP₂ + NP₂ + V

Number of occurrences = 3

Percentage of occurrences = 1.67

eg: (a) $\triangle + \text{kaikal} + \text{kaalcayil} + \text{svarnam kontu} + \text{vaarttu vacu}

\begin{align*}
1 & \downarrow \quad 2 \quad 3 \quad 4 \quad 5 \\
\text{'had moulded hands with gold for sight'}
\end{align*}

(b) $\triangle + \text{kaalukal} + \text{kaalcayil} + \text{svarnam kontu} + \text{vaarttuvaccu}

\begin{align*}
1 & \downarrow \quad 2 \quad 3 \quad 4 \quad 5 \\
\text{'was moulded legs with gold for sight'}
\end{align*}

1.3.12 NP₁ + Compl + V

Number of occurrences = 2

Percentage of occurrences = 1.13

eg: (a) Kaikal + veentatiladhikam + melivu + toonni

\begin{align*}
1 \quad \downarrow \quad 2 \quad 3 \quad 4 \quad 5 \\
\text{'Hands look like lean more than necessary'}
\end{align*}

(b) Sariiram + veentatiladhikam + taticcu

\begin{align*}
1 \quad \downarrow \quad 2 \quad 3 \\
\text{'Body became fat more than necessary'}
\end{align*}
PART II: MARTHANDAVARMA

Total number of sentences analysed = 30
Total no number of base sentences = 230
Average number of base sentences in
textual sentences = 7.67

1.4 MAJOR TYPE 1

\[ NP_1 + (PP_1) + (NP_2) + (PP_2) + \text{Adj}) + \]

(Adv) + (∆) + Copula

Number of occurrences = 76

Percentage of occurrences = 33.04

1.4.0. SUB-TYPES

1.4.1. \( NP_1 + NP_2 + \text{Copula} \)

Number of occurrences = 37

Percentage of occurrences = 16.09

eg: (a) kallukal + caral + aanu

1' 2 3'.

'stones are gravel'

1 3 2

(b) paksi + jantu + aanu

1 2 3'.

'Bird is a living creature'

1 3 2

(c) kaatan + mrgam + aanu

1' 2 3'.

'Jackal is an animal'

1 3 2
1.4.2 NP₁ + Adj + Copula

Number of occurrences = 12
Percentage of occurrences = 5.22

eg: (a) neRRi + višaalam + aanu
    1 2 3

'Forhead is broad'
    1 3 1

(b) kaalca + bhyaṅkaram + aanu
    1 2 3

'sight is awful'
    1 3 2

(c) paatakal + ceRutu + aanu
    1 2 3

'paths are narrow'
    1 3 2

1.4.3 NP₁ + PP₁ + PP₂ + NP₂ + Copula

Number of occurrences = 9
Percentage of occurrences = 3.91

eg: (a) aapradeesam + kulikontu + saṅcaarattinu +
    1 2 3
durkhatam + aayirunnu
    4 5

'That place was difficult for journey because-of-pits'
    1 5 4 3 2

(b) aa pradeesam + kunnukontu + saṅcaarattinu +
    1 2 3
durkhatam + aayirunnu
    4 5

'That place was difficult for journey'
    1 5 4 3

because-of-hills
     2
1.4.4 \( \text{NP}_1 + \text{PP}_1 + \text{PP}_2 + \text{Adv} + \text{NP}_2 + \text{Copula} \)

Number of occurrences = 9
Percentage of occurrences = 3.91

eg: (a) jalam + maRRu kaalaññalil + aavanattil +  
1 2 3

iti + durllabham + aayirunnu  
4 5 6

'Water is very scarce in that-forest in-other-times'  
1 6 4 5 3

(b) Svabhaavam + laksanaññalkku + eeRRavum +  
1 2 3

yoojippullatu + aayirunnu  
4 5

Habit is very harmonious to the features  
1 5 3 4 2

1.4.5 \( \triangle + \text{NP}_2 + \text{aunu} \)

Number of occurrences = 9
Percentage of occurrences = 3.91

eg: (a) \( \triangle + \text{svabhaavam} + \text{aunu} \)

\( \triangle \) is character  
1 3 2

(b) \( \triangle + \text{Kutakal} + \text{aunu} \)

\( \triangle \) is umbrella  
1 3 2
1.5 MAJOR TYPE II

\[ NP_1 + (PP_1) + NP_2 + Untu \]

Number of occurrences = 55
Percentage of occurrences = 31.07

1.5.0 SUB-TYPES

1.5.1 \[ NP_1 + NP_2 + Untu \]

Number of occurrence = 27
Percentage of occurrences = 11.74

eg: (a) Pakšikalkku + ciRakaṭikal + untu
\[ 1 \cdot 2 \cdot 3 \]
'Birds have flapping-of-wings'
\[ 1 \cdot 3 \cdot 2 \]

(b) candranu + raśmi + untu
\[ 1 \cdot 2 \cdot 3 \]
'Moon has rays'
\[ 1 \cdot 3 \cdot 2 \]

(c) nilattinu + svabhaavam + untu
\[ 1 \cdot 2 \cdot 3 \]
'field has characters'
\[ 1 \cdot 3 \cdot 2 \]

1.5.2 \[ NP_1 + untu \]

Number of occurrences = 16
Percentage of occurrences = 6.96

eg: (a) sancaaram + untu
\[ 1 \cdot 2 \]
'Had travel'
\[ 2 \cdot 1 \]
b) ramyata + untu
1 2
'(There) is beauty'
2 1

c) Vipinam + untu
1 2
'(There) is forest'
2 1

1.5.3 NP₁ + PP + untu

Number of occurrences = 15.
Percentage of occurrences = 6.52

eg:(a) Paksikal + iivanattil + untu
1 2 3
'There are birds in-this-forest'
3 1 2

b) PaaRakal + paatayil + untu
1 2 3
'There are rocks on-the-path'
3 1 2

c) Kuuman + kaattil + untu
1 2 3
'There is owl in-the-forest'
3 1 2

1.6 MAJOR TYPE III

\( \Delta \) + NP₁ + (PP₁) + (PP₂) + (NP₂) + (Adv) + (compl) + V

Number of occurrences = 88
Percentage of occurrences = 38.26
1.6.0 SUB-TYPES

1.6.1 NP₁ + NP₂ + V

Number of occurrences = 22
Percentage of occurrences = 9.57

eg: a) aa vanam + naamadheyyatte + dharikkunnu

'That-forest wears the name'

b) candran + kaatine + sparsiccu

'Moon touched the forest'

c) vipinam vrksaññal niRaññu

'The forest filled with trees'

1.6.2 NP₁ + PP + V

Number of occurrences = 7
Percentage of occurrences = 3.04

eg: a) purusan + katuninaattil + magnanaayittu

'Man is immersing in hot-blood'

b) vastram + raktattil + muññittu

'Cloth is immersed in blood'

c) oru + Kaalca + viiksanattinu + dr̄yamaakunnu

'A sight is seen for-spectacle'
1.6.3 NP + PP₁ + PP₂ + V

Number of occurrence = 6
Percentage of occurrence = 2.61

eg:a) cila vrksaññal + avitavite + viyanmaargattoolam + poññi

'some-trees grown-up to-the-height-of-sky here-and-there.

b) candran + maargattil orustlattu + mukalil + nilkkunnu

'moon is up in-a-place on-its-path

1.6.4 NP + Adv + V

Number of occurrence = 4
Percentage of occurrence = 1.74

eg:a) oru purusan + viintum + paticcu 'A man fell-down again'

1.6.5 NP + V

Number of occurrences = 13
Percentage of occurrences = 5.65

eg:a) kallukal + potinnu 'stones become dust'
b) khadgam + piti + vittu
1 2 3
'sword lost handle'
1 3 2

agraññal + citaRikkitakkunnu
1 2
'appexes scattered (here and there)'
1 2

1.6.6 \( \Delta + N P_2 + V \)
Number of occurrences = 7
Percentage of occurrences = 3.04

eg:a) \( \Delta + candrane kaanunnu \)
1 2 3
'\( \Delta \) sees moon'
1 3 2

\( \Delta + vanatte + kaanunnu \)
1 2 3
\( \Delta \) sees forest
1 3 2

1.6.7 \( N P_1 + N P_2 + Adv + V \)
Number of occurrences = 6
Percentage of occurrences = 2.61

eg:a) Purusanu + kśniam + utan + untaakum
1 2 3 4
'Man will become tired immediately'
1 4 2 3

b) purusanu + daaham + utan + untaakum
1 2 3 4
'Man will become thirsty immediately'
1 4 2 3
c) khadgam + raktam + dhaaraalamaayi +
   paanam kaliccu
   'sword drank much blood'

1.6.8 NP₁ + PP + NP₂ + V

Number of occurrences = 11
Percentage of occurrences = 4.78

eg: a) △ + samiipattu + △ + viiksikkunnu
    is seen near

b) △ + arayil + vastram + dhariccirikkunnu
    △ is wearing cloth around-the-waist

c) oru purusan + veedana kontu + kaikal + nilattaticcu
    'A man is beating his hands on the floor'
    with pain

1.6.9 NP₁ + NP₂ + Compl + V

Number of occurrences = 6
Percentage of occurrences = 2.61

eg: a) △ + vanam + ennu + toonni
    △ felt that (it was) forest
b) \( \triangle + \text{chaaya + ennu + toonnunnu} \)

\[
\begin{array}{cccc}
1 & 2 & 3 & 4 \\
\end{array}
\]

\( \triangle \) feels that (it was) shadow

\[
\begin{array}{cccc}
1 & 4 & 3 & 2 \\
\end{array}
\]

1.6.10 NP\(_1\) + PP + Adv + V

Number of occurrences = 6

Percentage of occurrences = 2.61

eg:a) oru purusan + cilappool + bhuumiyil ninnu + poññi

\[
\begin{array}{cccc}
1 & 2 & 3 & 4 \\
\end{array}
\]

'\(A\) man jumped up sometimes from-the-earth'

\[
\begin{array}{cccc}
1 & 4 & 2 & 3 \\
\end{array}
\]

b) raktam + appoolum + vettukalilninnu +

\[
\begin{array}{cccc}
1 & 2 & 3 & 4 \\
\end{array}
\]

tilaccu poññunnu

\[
\begin{array}{cccc}
1 & 4 & 3 & 2 \\
\end{array}
\]

'Blood springout from-the-wounds then-also'