EXPLANATION OF THE FIGURE

Fig. No. 1. According to Dr. D.A. Henkel - It is a rectangular theatre. Its measurement given by him are shown in this figure.

L = Rotteværeni
FIG. 1

NEPATYA GRHA

RA NGASIRSA

M RANGAPITHA MATTA VARANI

RA NGA AUDITORIUM
EXPLANATION OF THE FIGURE

Fig. No. 2. According to Dr. D.L. Banked, it is a Square Theatre and its measurements given by him are shown in this figure.

R.R. = Angapitha
H = Battawrani
EXPLANATION OF THE FIGURE

Fig. No. 3. According to Dr. D.E. Henkel - It is a Triangular Theatre and its measurement given by him are shown in this figure.

R.S. = Sangsāgīra
R.P. = Sangspītha
E. = Nepathyagraha
EXPLANATION OF THE FIGURE

Fig. No. 4 According to Dr. C.R. Gupta - It is a Vikrata Betyaghrā. Its measurement and directions are shown in this figure.
EXPLANATION OF THE FIGURE

Fig. 15. According to Dr. C.B. Gupta - It is a Caturaco Katyaqpho. Its measurement, directions, Pillars and Soors are shown in this figure.
EXPLANATION OF THE FIGURE

Fig. No. 6. According to Dr. C. B. Gupta & - It is a Tryocera Nungurho and its measurement, directions and doors are shown in this figure.
FIG. 6

Each side 32 Cubits

Scale: 1" = 8 Cubits
EXPLANATION OF THE FIGURE

Fig. No. 7. According to Prof. D. Subba Rao - It is the Plan of Rectangular Theatre.
EXPLANATION OF THE FIGURE

Fig. No. 8. According to Prof. D. Subba Rao - It is the plan of Square Theatre. 4 main pillars and 24 other pillars, as pointed out by Bharata and Abhinavagupta are shown by him in this figure.
FIG. 8
PLAN OF SQUARE FARMER

- 32 HASTAS
- 16 HASTAS

Directions:
- NORTH
- SOUTH
- EAST
- WEST

Notes:
- B = बताना = नाम
- S = सूत्र = ग्रंथ
- V = वेष = घाट

Areas:
- 1/94 to 10/94: कामे एवं बाजार विक्रिया
- 1/97 to 6/97: न्यायाधिकारी एवं सूत्र विक्रिया
- 1/98 to 8/98: वस्त्र एवं नृसूत्र विक्रिया
EXPLANATION OF THE FIGURE

Fig. No. 9. According to Prof. D. Subba Rao – It is the Plan of Triangular Theatre. 4 main pillars, 24 other pillars and doors are also shown by him in this figure.

D1 = First Door
D2 = Second Door
EXPLANATION OF FIGURE

Fig. No. 10. According to Prof. D. Subba Rao - Position of mottovēraṇī are shown in this figure.
FIG. 10
The figure above shows three types of theorems in mechanical design according to Dr. Howson Choo & Zhuo.

Explanations on the figure
FIG. II

श्री ज्ञानमोहन घोषके मतानुसार
त्रिविक्षितमण्डके वीर

विकुट-मण्डप ६४×३२ हाथ
नेत्रध्वज ३२×४ हाथ
म.वा.-रूपी १६×२ हाथ म.वा. ४×२

चतुर्भ-मण्डप ३२×३२ हाथ
नेत्रध्वज ३२×४ हाथ
म.वा.-रूपी १६×४ हाथ म.वा. ४×४

रक्त मण्डप
(प्रेस्कोपवेण)
६४×३२ हाथ

रक्त मण्डप
(प्रेस्कोपवेण)
३२×२० हाथ

A

B

C
EXPLANATION OF THE FIGURE

Fig. No. 12. According to the measurement of Bharota and Abhinavagupta — This figure shows the Vikrata Theatre.

K = Kṣatriya Stambha
V = Veśya Stambha
B = Brāhmaṇa
S = Śūdra Stambha
D = Door
J = Pillar
FIG. 12

32 Hastas

DOOR

Nepathyagraha

16x32

DOOR

DOOR

Rangaśirṣa

8x32

Matta

Varanī

8x8

Rangaṇīthā

8x16

Matta

Varanī

8x8

Auditorium

32x32

Door

Door

Door

64 Hastas

64 Hastas

K

V
EXPLANATION OF THE FIGURE

Fig. No. 13. According to the measurement of Bharata and Abhinavagupta - This figure shows the Caturanga Theatre.

H = House
U = Uttavāraṇī
D = Door

□, ○, △ = Pillars
FIG. 13
32 HASTAS
EXPLANATION OF FIGURE NO. 14

A. This figure shows the Tryocra Theatre on the line of Caturanga Theatre and its measurement 32 Hastes.

B. This figure shows the Tryocra Theatre on the line of Vikroto Theatre its measurement 64 Hastes.

N = Kapathyagroha
E.S. = Rangaśīra
P = Rangayitha
M = Kuttawarni
H = Haste
D = Door
K = Katriya Stambha
V = Veśaya Stambha
B = Brahman Stambha
S = Sudra Stambha
FIG. 14

AUDITORIUM

32 Hastae

6 Hastae

16 Hastae

R.S.

M

K

D

V

32 Hastae

AUDITORIUM

6 Hastae

16 Hastae

R.S.

M

K

Matta Varani

Matta Varani

R.P.
EXPLANATION OF THE FIGURE

Fig. No. 15. According to the view of Abhinavagupta -
This figure shows the three positions of Āddhārula.
FIG. 15
रक्षरीणपर पद्धकक की तीन विधियाँ
रक्षरीण में पद्धकक की प्रथम विधि
रक्षरीण में पद्धकक की दूसरी विधि
रक्षरीण में पद्धकक की तीनी विधि
EXPLANATION OF THE FIGURE

Fig. No. 16. This figure shows the Ancient Greek Theatre and shape of their parts.
FIG. 16
ANCIENT GREEK THEATRE

Paraskenion
Proskenion
Skene

Dipylon
Parodos

Orchestra
Altar

Kerkis
Parodos
Kerkis
EXPLANATION OF THE FIGURE

Fig. No. 17. This figure shows the stage-machinery known as 'Periegetai' in the Ancient Greek Theatre.
EXPLANATION OF THE FIGURE

Fig. No. 18. This figure shows the stage machinery known as 'Deicycles' (a rolling platform) in the Ancient Greek Theatre.
EXPLANATION OF THE FIGURE

Fig. No. 19. This figure shows the stage-machinery known as 'Dechoro' (like a Crane) in Ancient Greek Theatre.
FIG. 19
FIG. 20

THEATRE OF EPIDAVROS, BEFORE RECONSTRUCTION
FIG. 22

TWO VIEWS OF THE THEATRE OF SICYON,
SHOWING LAYOUT OF STAGE BUILDINGS
Earliest stone foundations, showing slots for wooden posts
Fig. 24

(a) Throne of the high priest
FIG. 26

Auditorium with gangways
Orchestra with central altar base