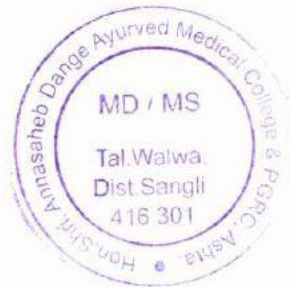


HON. SHRI. ANNASAHEB DANGE AYURVED
MEDICAL COLLEGE, PG TRAINING AND
RESEARCH CENTRE, ASHTA

DEPARTMENT OF SHARIR RACHANA
INFORMATION BOOKLET

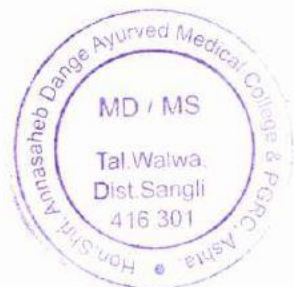
AREA - 255 Sq. Mtr.

**(FACULTY CABINS, PG TUTORIAL ROOM, DEPARTMENTAL
LIBRARY, MUSEUM, DEMONSTRATION HALL, DISSECTION HALL,
CADAVER STORAGE ROOM)**

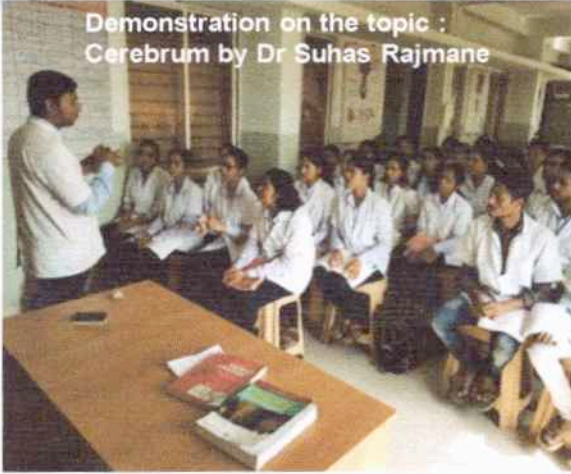


**AREA FOR TEACHING STAFF, NON TEACHING
STAFF AND PG STUDENTS**

SR. NO.	DESIGNATION	AREA
01	Professor	15 sq.meter
02	Reader	10 sq.meter each
03	Lecturer	10 sq.meter each
04	P.G.Students	15 sq.meter
05	Non-Teaching Staff	05 sq.meter



Demonstration and Cadaveric Dissection



Demonstration on the topic :
Cerebrum by Dr Suhas Rajmane



Cadaveric dissection of Popliteal Fossa by
Dr Sarfraj Landge

Demonstration on Osteology



Demonstration on Osteology

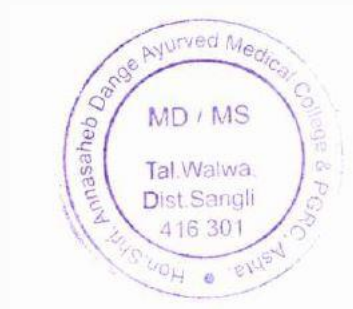


3. MODELS (TOTAL NUMBER - 98)

SR. NO.	PARTICULARS	QUANTITY
01.	Humerus	01
02.	Radius	01
03.	Ulna	01
04.	Articulated Carpals, metacarpals, phalanges	01
05.	Radio-ulnar joint	01
06.	Shoulder joint	01
07.	Elbow joint	01
08.	Wrist joint	01
09.	Femur	01
10.	Tibia	01
11.	Fibula	01
12.	Patella	01
13.	Articulated tarsals, metatarsals , phalanges	01
14.	Hip joint	01
15.	Knee joint	01
16.	Ankle joint	01
17.	Sternum	01
18.	Ribs set	07
19.	Vertebrae	04
20.	Articulated pelvic skeleton	01
21.	Ligamented female pelvis	01
22.	Skull	05
23.	Mandible	01
24.	Bone set	02
25.	Articulated human skeleton	01
26.	Articulated human skeleton	01
27.	Articulated human skeleton	01
28.	Articulated human skeleton	01
29.	Skeleton of sparrow	01
30.	Stages of mitosis and meiosis	01
31.	Stages of mitosis and meiosis	01
32.	Stages of mitosis and meiosis	01
33.	Stages of mitosis and meiosis	01

34.	Stages of mitosis and meiosis	01
35.	Stages of mitosis and meiosis	01
36.	Stages of mitosis and meiosis	01
37.	Stages of mitosis and meiosis	01
38.	Stages of mitosis and meiosis	01
39.	Stages of mitosis and meiosis	01
40.	Stages of mitosis and meiosis	01
41.	Stages of mitosis and meiosis	01
42.	Stages of mitosis and meiosis	01
43.	Stages of mitosis and meiosis	01
44.	Stages of mitosis and meiosis	01
45.	Stages of mitosis and meiosis	01
46.	Stages of mitosis and meiosis	01
47.	Stages of mitosis and meiosis	01
48.	Stages of mitosis and meiosis	01
49.	Stages of mitosis and meiosis	01
50.	Developmental stages of foetus	01
51.	Developmental stages of foetus	01
52.	Developmental stages of foetus	01
53.	Developmental stages of foetus	01
54.	Developmental stages of foetus	01
55.	Developmental stages of foetus	01
56.	Developmental stages of foetus	01
57.	Developmental stages of foetus	01
58.	Heart	02
59.	Model of Hypertension	01
60.	Liver	01
61.	Female reproductive system	01
62.	Urinary bladder	01
63.	Mummy	02
64.	Male reproductive system	01
65.	Spinal cord with vertebral column and hip bones	01
66.	Mandible with salivary glands	01
67.	T. S. of bone	01
68.	Lateral wall of nose	01
69.	Larynx with thyroid gland	01
70.	Brain	01
71.	T. S. of skin	01
72.	Human brain	01

73.	Human eye	02
74.	Human ear	01
75.	Human ear	01
76.	Head - frontal section	01
77.	Head - sagittal section	01
78.	Kidney with supra-renal gland	01
79.	T. S. of kidney	01
80.	Human teeth	02
81.	Torso model	01



4. SPECIMENS- (TOTAL NUMBER -331)

SR.NO.	NAME OF SPECIMEN	QUANTITY
01.	Sterno-Clavicular Joint	01
02.	Elbow Joint	01
03.	Forearm With Hand	01
04.	Left Palm	01
05.	Right Palm	01
06.	Sole	01
07.	Left Lung - Inferior Aspect	01
08.	Right Lung – Inferior Aspect	01
09.	Right Lung – Costal Surface	01
10.	Right Lung – Posterior Aspect	01
11.	Right Lung - Hilum	01
12.	Upper Extremity	01
13.	Knee Joint	01
14.	Lower Extremity	01
15.	Lungs – Right And Left	02
16.	Right Lung	02
17.	Left Lung	01
18.	Left Lung – Costal Surface	01
19.	Left Lung – Posterior Aspect	01
20.	Left Lung – Hilum	01
21.	Shoulder Joint	01
22.	V.S. Of Brain And Spinal Cord	01
23.	Left Lung	01
24.	Left Lung	01
25.	Left Lung	01
26.	Left Lung	01
27.	Right Lung	01
28.	Right Lung	01
29.	Right Lung	01
30.	Right Lung	01
31.	Left Lung	01
32.	Left Lung	01
33.	Left Lung	01

34.	Left Lung	01
35.	Right Lung	01
36.	Right Lung	01
37.	Right Lung	01
38.	Right Lung	02
39.	Left Lung	01
40.	Left Lung	01
41.	Left Lung	01
42.	Left Lung	01
43.	Right Lung	01
44.	Right Lung	01
45.	Right Lung	01
46.	Left Lung	01
47.	Left Lung	01
48.	Left Lung	01
49.	Left Lung	01
50.	Left Lung	01
51.	Left Lung	01
52.	Left Lung	01
53.	Left Lung	01
54.	Left Lung	01
55.	Sternum With Costal Cartilages	01
56.	Trachea With Bronchus	01
57.	Trachea	02
58.	Trachea With Bronchi	01
59.	Sternum	01
60.	Heart	02
61.	Heart – Anterior Aspect	01
62.	Heart – Posterior Aspect	01
63.	Heart – Right Aspect	01
64.	Heart – Left Aspect	01
65.	Heart With Its Appendages	01
66.	Heart With Aorta	01
67.	Internal Structure Of Heart	01
68.	Base Of Heart	01
69.	Heart With Arch Of Aorta	02
70.	Heart	03
71.	Heart	02
72.	Heart	01

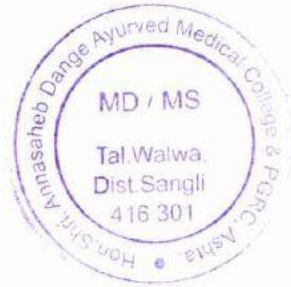
73.	Heart	01
74.	Heart	01
75.	Heart	01
76.	Heart	01
77.	Heart	01
78.	Aorta	01
79.	Aorta	01
80.	Arch of Aorta	01
81.	Abdominal Aorta	01
82.	Abdominal Aorta	01
83.	Abdominal Aorta	01
84.	Abdominal Aorta With Branches	01
85.	Abdominal Aorta With Inferior Vena Cava	02
86.	Abdominal Aorta	01
87.	Inferior Vena Cava	01
88.	Aorta	01
89.	Inferior Vena Cava	01
90.	Inferior Vena Cava	01
91.	Inferior Vena Cava	01
92.	Inferior Vena Cava	01
93.	Trachea With Oesophagus	02
94.	Oesophagus	01
95.	Oesophagus	01
96.	Oesophagus	01
97.	Diaphragm	01
98.	Diaphragm	01
99.	Diaphragm	01
100.	Diaphragm	01
101.	Umbilicus	01
102.	Diaphragm	02
103.	Stomach	01
104.	Oesophagus With Stomach	01
105.	Interior Of Stomach	01
106.	Stomach With Greater Omentum	01
107.	Stomach	03
108.	Stomach With Greater Omentum	01
109.	Stomach	01
110.	Stomach	01
111.	Stomach And Duodenum	01

112.	Oesophagus And Stomach	03
113.	Stomach	01
114.	Stomach	01
115.	Stomach	01
116.	Lungs	10
117.	Stomach With Duodenum	01
120.	Appendix	01
121.	Small Intestine	01
122.	Large Intestine	01
123.	Small Intestine	05
124.	Small Intestine	01
125.	Small Intestine	01
126.	Small Intestine	01
127.	Small Intestine	01
128.	Small Intestine	01
129.	Small Intestine With Mesentery	01
130.	Large Intestine	01
131.	Large Intestine	01
132.	Intestine	01
133.	Large Intestine	01
134.	Small Intestine	01
135.	Large Intestine	02
136.	Large Intestine	03
137.	Intestine	01
139.	Small Intestine	02
140.	Intestine	01
141.	Intestine	01
142.	Large Intestine	01
143.	Intestine	01
144.	Small Intestine	01
145.	Large Intestine	01
146.	Large Intestine	01
147.	Large Intestine	01
148.	Large Intestine	07
149.	Small Intestine	02
150.	Rectum With Sigmoid Colon	01
151.	Superior Aspect Of Liver	01
152.	Postero-Inferior Aspect Of Liver	01
153.	Anterior Aspect Of Liver	01

154.	Right Aspect Of Liver	01
155.	Inferior Aspect Of Liver	01
156.	Liver With Its Ligaments	01
157.	Liver With Its Ligaments	01
158.	Liver With Gall Bladder	01
159.	Liver	01
160.	Liver	01
161.	Liver	01
162.	Liver	01
163.	Liver With Gall Bladder	01
164.	Liver	01
165.	Liver	01
166.	Liver	01
167.	Liver	01
168.	Liver	01
169.	Liver	01
170.	Liver	02
171.	Liver	06
172.	Liver	02
173.	Spleen	02
174.	Spleen – Visceral Surface	01
176.	Spleen – Hilum	01
177.	Spleen With Its Ligaments	01
178.	Spleen	01
179.	Spleen	01
180.	Spleen	04
181.	Spleen	01
182.	Spleen	03
183.	Spleen	02
184.	Spleen	01
185.	Spleen	01
186.	Duodenum – Pancreas – Spleen	02
187.	Spleen – Caecum – Appendix	01
188.	Pancreas	02
190.	Pancreas	01
191.	Pancreas	01
192.	Kidney – Ureter – Urinary Bladder	01
193.	Kidney	11
194.	Kidney	02

196.	Right Kidney	02
197.	Right Kidney	02
198.	Right Kidney With Ureter	01
199.	Right Kidney With Ureter	02
200.	Kidneys	02
201.	Left Kidney	02
202.	Kidney With Supra-Renal Glands	02
203.	Left Kidney With Ureter	02
204.	Kidney With Ureter	01
205.	Right Kidney With Ureter	01
207.	Kidneys With Abdominal Aorta And Inferior Vena Cava	01
208.	Kidney	01
209.	Kidney	01
210.	Urinary System	01
212.	Kidney – Ureter – Urinary Bladder	01
213.	Urinary Bladder And Ureters	01
214.	Urinary System With Genital Organs	01
215.	Penis	01
216.	Male External Genital Organs	01
217.	Female External Genital Organs	01
218.	Rectus Abdominis	01
219.	Rectus Abdominis	01
220.	Meninges	01
221.	Human Brain	02
222.	Base Of Skull With Face	01
223.	Brain	02
224.	Brain	02
225.	Brain With Meninges	02
226.	Cerebral Hemispheres	04
227.	Human Brain	02
228.	Cerebellum	07
229.	Cerebral Hemispheres	04
230.	Cerebral Hemispheres	02
231.	Brain With Spinal Cord	01
232.	Skull With Brain	01
233.	Brain	01
234.	Cerebrum	01
236.	Cerebrum	02
238.	Cerebellum With Medulla Oblongata	01

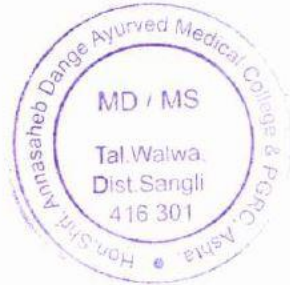
241.	Spinal Cord	02
242.	Tongue, Larynx And Thyroid Gland	01
243.	Tongue	01
244.	Sense Organs	01
245.	Sense Organs	01
246.	Sense Organs	01
247.	Sense Organs	01
248.	Eye Ball	01
249.	Foetus With Umbilical Cord And Placenta	01



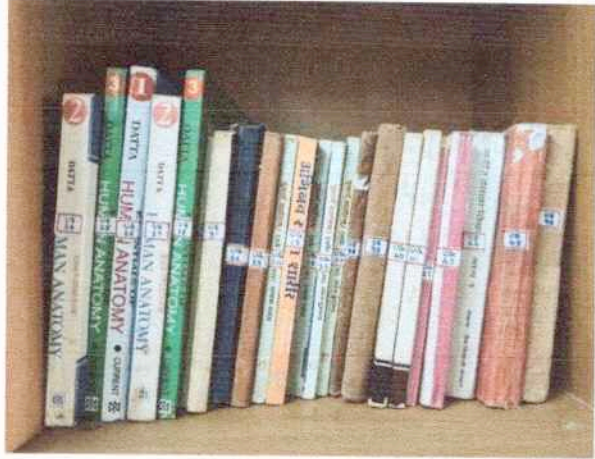
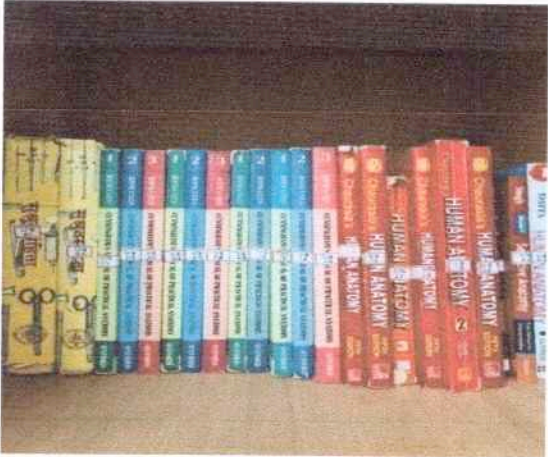
5. INSTRUMENTS / EQUIPMENTS / OTHERS –

SR.NO.	PARTICULAR	QUANTITY
01.	Gloves	01 pack (100 pieces)
02.	Purified talc	01 pack (500 gms)
03.	Nirma powder	01 kg.
04.	Dettol hand wash	01
05.	Dettol liquid bottle	02
06.	Dettol soap	06
07.	Hand towel	04
08.	Plastic apron	02
09.	Cover slip	328
10.	Disposable Syringes (5cc,10cc,20cc)	30
11.	B.P. handle	12
12.	Bone cutter	02
13.	Dressing forcep with teeth	06
14.	Dressing forceps	06
15.	Surgical Blades	50
16.	Cotton cloth (20 metres)	02
17.	Curtains	12
18.	Steel jar	01
19.	Colin toilet cleaner	01
20.	Table bell	01
21.	Calculator	01
22.	Stamp pad	02
23.	Writing pad	05
24.	X ray view box	02
25.	X-ray films	179
26.	Dissection kit	25
27.	Gum bottle	01
28.	Scissor	01
29.	Microscope	12
30.	O.H.P.	01
31.	Histological slides	30
32.	Formalin	200 litres
33.	Chalk pieces	02 packs

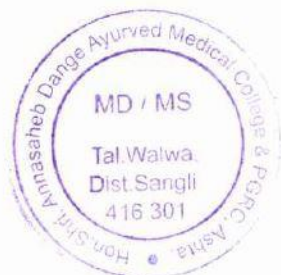
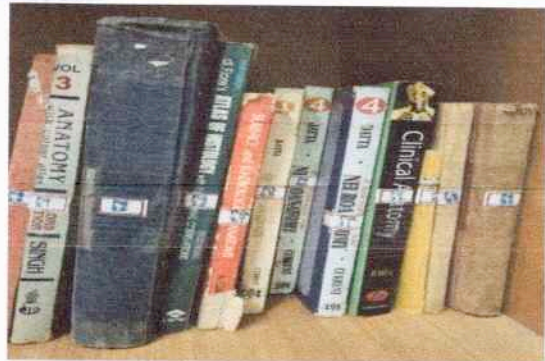
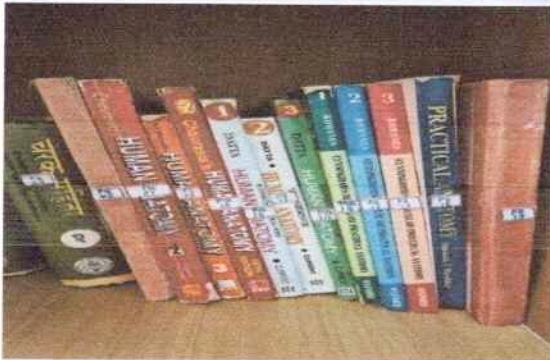
34.	Duster	02
35.	Black board	01
36.	Enema pot	01
37.	I. V. set and S. V. set	Each 05
38.	Cotton bundle	01
39.	Brain sectioning machine	01
40.	Body embalming machine	01
41.	Hot plate	01
42.	Carbolic acid	5 kg
43.	Glycerin	5 lit.
44.	Formalin tanks	02
45.	Fire extinguisher	01
46.	transparencies	76
47.	Bone set-articulated	04
48.	Bone set-non-articulated	02
49.	Mummy	02
50.	Cadavers (Dissected-06, In use-07)	13



Departmental Library : UG



Departmental Library : PG



Aspenra
PRINCIPAL

Shri. Annasaheb Dange Ayurved Medical College, Ashta, Tal. Walwa, Dist. Sangli



Sant Dnyaneshwar Shikshan Sanstha's
**Hon. Shri. Annasaheb Dange Ayurved Medical College
& Post Graduate Research Center**
A/p : Ashta, Tal. : Walwa, Dist : Sangli – 416 301
Website : www.adamcashta.com



NAAC Accrediated ISO Certified 9001-2015,14000-2015

Introduction

The nature of learning has changed significantly in the last few years. As with most things in our society, new technology is used to improve learning both in terms of the engagement with and the effectiveness of teaching, with the aim of ultimately ensuring better results for students.

One of the most important benefits of using digital learning is that materials are always available to students—24 hours a day, 7 days a week. This gives students complete flexibility over when and where they study, enabling them to take control over the best times to study for themselves as well as how much, and access to a global community. Digital learning can help enable personalized learning, in that everybody has specific techniques and learning methods that suit them.

QR (Quick Response) codes are type of location based digital technology. It is attracting a lot of growing research in the field of technology enhanced learning.


QR codes in education

Study of medicinal plants is essential part of AYUSH curriculum.

QR codes attached to medicinal plants help in identification as well as to understand the properties & action, uses, important formulations of that plant.

Younger people especially often feel more comfortable sharing with their peers online, rather than face-to-face. Whether it is simply through community chat groups or a more structured learning environment, technology can be an excellent way to build communities among students as well as with their teachers, providing support and benefits to everyone.

Annasaheb Dange Ayurvedic Medical College has well developed Herbal gardens namely Charak Herbal Garden, Sushrut Herbal Garden ,Vagbhat Herbal Garden and Dhanvantari Herbal Garden with wide verity of medicinal plants. . The institute has also developed Nakshatra, Rashi and Graha Gardens. . Previously Plant name plates were attached to the plant for identification purpose and student had to use the text book to read the information. Now QR codes are developed for 121 species and 390 plants. The information in QR code contains Sanskrit name, Scientific name,Marathi name, Gana, Kula, Family, Synonyms, Distribution, Morphology, Types, Gunakarma, Doshakarma, Rogaghnata, Chemical Composition , Part used and Kalp of classical plants. Plants are mentioned as classical and non classical. Classical are those plants which has reference in Ayurvedic texts and non classical are those which has no reference in Ayurvedic texts. The information for non classical plants contains Scientific name, Marathi name, family, common name, Distribution, Morphology , Chemical Composition, Parts used and uses.


**Head of Dept.,
Drava Guna Dept.
A. D. A. M. C Ashta**





Sant Dnyaneshwar Shikshan Sanstha's
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& Post Graduate Research Center
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Digital Herbal Garden QR Code List

Sr. No	Latin Name	Sanskrit Name	Marathi Name	Quantity
1.	<i>Ricinus communis</i> Linn.	एरंड	एरंड	5
2.	<i>Gmelina arborea</i> Linn.	गम्भारी	शिवण	2
3.	<i>Tinospora cardifolia</i> Willd. Miers	गुडूची	गुळ्वेल	2
4.	<i>Terminalia chebula</i> Retz.	हरीतकी	हिरडा	3
5.	<i>Eugenia jumbolana</i> Lamk.	जम्बू	जांभूळ	8
6.	<i>Bauhinia variegata</i> Linn.	कांचनार	कांचन	1
7.	<i>Holarrhena antidysenterica</i> Wall.	कुटज	कुडा	4
8.	<i>Azadirachta indica</i> A. Juss.	निंब	कडूनिंब	14
9.	<i>Cocos nucifera</i> Linn.	नारिकेल	नारळ	12
10.	<i>Cinnamomum camphora</i> Linn.	कर्पूर	कापूर	1
11.	<i>Ficus glomerata</i> Roxb.	उदुंबर	उंबर	7
12.	<i>Moringa pterygosperma</i> Gaertn.	शिग्रू	शेवगा	1
13.	<i>Pongamia pinnata</i> (Linn.) Merr.	करंज	करंज	1
14.	<i>Oroxylum indicum</i> (Linn.) Vent.	श्योनाक	टेंदू	1
15.	<i>Cretaeva nurvala</i> Buch.	वरुण	वायवर्णा	2
16.	<i>Alstonia scholaris</i> (Linn.)	सप्तपर्णा	सातवीन	3
17.	<i>Adhotoda vasica</i> Nee	वासा	अडुळसा	10
18.	<i>Anthocephalus cadamba</i> (Roxb.)	कदंब	कदंब	6
19.	<i>Madhuca longifolia</i> (Roxb)	मधूक	मोह	2
20.	<i>Pterospermum acerifolium</i> Willd.	मुचकुंद	मुचकुंद	2
21.	<i>Carica papaya</i> Linn.	एरंडकर्कटी	पपई	3
22.	<i>Calophyllum inophyllum</i> Linn.	पुन्नाग	उंडीण	3
23.	<i>Pterocarpus santalinus</i> Linn.f	रक्तचंदन	रक्तचंदन	1
24.	<i>Dalbergia sissoo</i> Roxb.	शिशपा	शिसव	4
25.	<i>Cordia dichotoma</i> Forst.	श्लेष्मांतक	भोकर	5
26.	<i>Eucalyptus globulus</i> Labil	तैलपर्णी	निलगिरी	2

27.	<i>Ficus bengalensis</i> Linn.	वट	वड	5
28.	<i>Manilkara hexandra</i> Roxb.	खिरणी	खिरणी	2
29.	<i>Celastrus paniculatus</i> Willd	ज्योतिष्मती	मालकांगोणी	1
30.	<i>Randia dumetorum</i> Retz.	मदनफल	मदनफळ	1
31.	<i>Premna integrifolia</i> Linn.	अग्निमंथ	टाकळी, ऐरण	3
32.	<i>Emblica officinalis</i> Gaertn.	आमलकी	आवळा	6
33.	<i>Tamarindus indica</i> Linn.	अम्लिका	चिंच	8
34.	<i>Mangifera indica</i> Linn.	आम्र	आंबा	7
35.	<i>Terminalia arjuna</i> W. & A.	अर्जुन	अर्जुन	11
36.	<i>Saraca asoca</i> Roxb. De. Wilde	अशोक	अशोक	4
37.	<i>Cassia fistula</i> Linn.	आरग्वध	बाहावा	3
38.	<i>Mimusops elengi</i> Linn.	बकुल	बकुळ	6
39.	<i>Terminalia bellerica</i> Roxb.	बिभीतक	बेहडा	12
40.	<i>Aegle marmelos</i> Linn. Corr.	बिल्व	बेल	9
41.	<i>Santalum album</i> Linn	चंदन	श्वेत चंदन	4
42.	<i>Punica granatum</i> Linn.	दाडिम	डाळिंब	1
43.	<i>Putranjeeva roxburghii</i> Wall.	पुत्रंजीवक	पुत्रंजीव	11
44.	<i>Hibiscus rosa-sinensis</i> L.	जपा	जास्वंद	1
45.	<i>Calotropis procera</i> (Ait.) R. Br.	अर्क	रुई	4
46.	<i>Withania somnifera</i> Dunal.	अश्वगंधा	अश्वगंधा	1
47.	<i>Plumbago zeylanica</i> Linn.	चित्रक	चित्रक	1
48.	<i>Baliospermum montanum</i> Muell.	दन्ती	दंती	1
49.	<i>Annona squamosa</i> Linn.	सीताफलम्	सीताफळ	5
50.	<i>Polyalthia longifolia</i> Benth & Hook.	काष्ठदारू	खोटा अशोक	10
51.	<i>Mallotus philippinesis</i> Muell Arg.	कंपिल्लक	कपिला	4
52.	<i>Nyctanthus arbortristis</i> Linn.	पारिजातक	पारिजात	2
53.	<i>Asparagus racemosus</i> Willd.	शतावरी	शतावरी	2
54.	<i>Gardenia gummifera</i> Linn. f.	नाडीहिंगू	डिकेमाली	1
55.	<i>Barleria prionitis</i> Linn.	सहचर	कोरांटी	1
56.	<i>Ficus microcarpa</i> Linn.f.	प्लक्ष	पायरी	5
57.	<i>Citrus limon</i> (Linn.) Burm.f.	निंबुक	लिंबू	2
58.	<i>Ocimum sanctum</i> Linn.	तुलसी	तुळस	1
59.	<i>Ailanthus excelsa</i> Roxb.	अरलू	महारुख	1



60.	<i>Psidium guajava</i> Linn.	पेरुक	पेरु	5
61.	<i>Pithecellobium dulce</i> (Roxb.) Benth	विलायती चिंच	-	6
62.	<i>Solanum torvum</i> Swartz.	बृहती भेद	बृहती भेद	3
63.	<i>Terminalia paniculata</i> Linn.	अश्वकर्ण	किंजळ	2
64.	<i>Jasminum grandiflorum</i> Linn.	जाती	जाई	2
65.	<i>Lawsonia inermis</i> Linn.	मदयन्तिका	मेहंदी	1
66.	<i>Thespesia populnea</i> Linn.	पारिश	पारोसापिंपळ	2
67.	<i>Stereospermum suaveolens</i> DC.	पाटला	पाडळ	1
68.	<i>Vitex negundo</i> Linn.	निर्गुडी	निर्गुडी	1
69.	<i>Nothapodytes nimmoniana</i> Grah.	नरक्या	नरक्या	1
70.	<i>Bixa orellana</i> Linn.	सिंदूरी	शेंद्रि	3
71.	<i>Ensete superbum</i> Roxb.	वनकदली	रानकेळी	1
72.	<i>Markhamia lutea</i> Benth.	विलायती पाडळ	-	5
73.	<i>Citrus aurantium</i> Var.	बृहत जम्बीर	ईडलिंबू	3
74.	<i>Grewia asiatica</i> Linn.	पारुषक	फालसा	2
75.	<i>Muntingia calabura</i> L.	पांचारा	-	1
76.	<i>Phyllanthus acidus</i> L.	लवली	राईआवळा	1
77.	<i>Ficus benjamina</i> L.	वटभेद	-	2
78.	<i>Tabebuia argentea</i> (Bureau & K.Schum.)	-	पिवळा टयाबुबिया	1
79.	<i>Tabebuia rosea</i> (Bertol.) DC.	-	गुलाबी टयाबुबिया	1
80.	<i>Areca catechu</i> Linn.	पुग	सुपारी	1
81.	<i>Adansonia digitata</i> Linn.	गोरक्षी	गोरखचिंच	2
82.	<i>Commiphora mukul</i> Hook ex.	गुग्गुलु	गुग्गुळ	1
83.	<i>Murraya koenigii</i> (L.)	कैडर्य	कडीपत्ता	1
84.	<i>Adina cordifolia</i> Benth & Hook	हरिद्रू	हलद्रव	4
85.	<i>Cordia subastena</i> Linn	श्लेष्मांतक भेद	शेंद्रि भोकर	3
86.	<i>Sterculia foetida</i> Linn.	पुतिदारू	जंगली बदाम	1
87.	<i>Ichnocarpus frutescens</i> R.Br.	कृष्ण सारिवा	अनंतमुळ	3
88.	<i>Garcinia indica</i> Linn.	वृक्षाम्ल	कोकम	2
89.	<i>Indigofera tinctoria</i> Linn.	नीली	नील	1
90.	<i>Bombax malabarica</i> DC.	शाल्मली	काटेसावर	4
91.	<i>Acacia catechu</i> Willd.	खदिर	खैर	3



92.	<i>Ficus religiosa</i> Linn.	अश्वत्थ	पिंपळ	4
93.	<i>Butea monosperma</i> (Lam.) Kuntz	पलाश	पळस	3
94.	<i>Strychnos nuxvomica</i> Linn.	कुपीलु	काजरा	1
95.	<i>Aquilaria agallocha</i> Roxb.	अगुरु	अगर	1
96.	<i>Artocarpus integrifolia</i> Linn.	पनस	फणस	1
97.	<i>Bambusa arundinacea</i> Willd.	वंश	बांबू	2
98.	<i>Calamus rotang</i> Linn.	वेतस	वेत	2
99.	<i>Prosopis cineraria</i> L.	शमी	सौंदंड	3
100.	<i>Desmostachya bipinnata</i> Stapf.	कुश	दर्भ	1
101.	<i>Achyranthes aspera</i> Linn.	अपामार्ग	आघाडा	1
102.	<i>Cynodon dactylon</i> Linn. Pers.	दुर्वा	हाराळी	1
103.	<i>Mesua ferrea</i> Linn.	नागकेशर	नागचाफा	1
104.	<i>Tectona grandis</i> Linn. f.	शाक	सागवान	6
105.	<i>Costus speciosus</i> (Koeing) Sm.	केबुक	पेवा	2
106.	<i>Peltophoru pterocarpum</i> (DC.)	-	पितमोहर	7
107.	<i>Ravenea hildebrandtii</i> H. Wendl. ex C.D.	-	पाम ट्री	11
108.	<i>Jacaranda mimosifolia</i> D. Don	-	नीलमोहर	1
109.	<i>Caesalpinia pulcherrima</i> (L.) Sw.	-	शंकासूर	3
110.	<i>Elaeocarpus ganitrus</i> Roxb.	रुद्राक्ष	रुद्राक्ष	1
111.	<i>Simarouba glauca</i> DC.	-	लक्ष्मीतरु	2
112.	<i>Plumeria alba</i> L.	-	पांढरा चाफा	1
113.	<i>Delonix regia</i> (Hook.) Raf.	-	गुलमोहर	1
114.	<i>Samanea saman</i> (Jacq.) Merr.	-	रेनट्री	4
115.	<i>Terminalia catappa</i> L.	-	बदाम	10
116.	<i>Lagerstroemia speciosa</i> (L.) Pers.	-	ताम्हण	1
117.	<i>Feroniella lucida</i> Linn.	कपित्थ	कवठ	1
118.	<i>Sapindus trifoliatus</i> Linn.	अरिष्टक	रिठा	1
119.	<i>Wrightia tinctoria</i> (Roxb.) R.Br	स्त्री कुटज	काळा कुडा	2
120.	<i>Shorea robusta</i> Gaertn f.	शाल	राळ	1
121.	<i>Millingtonia hortensis</i> L.	-	बुचाचे झाड	3
TOTAL				390



Kandasahab Dange
 Head of Dept.
 Drava Guna Dept
 A.D.A.M.C Ashta

Principal's
Hon. Anasaheb Dange Ayurved
Medical College, Ashli.



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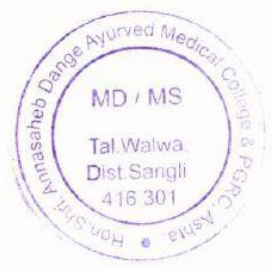
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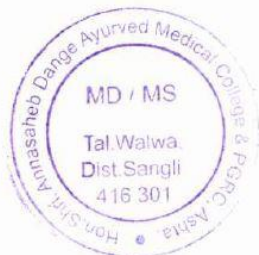
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Founder,
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Tal. : Walwa, Dist: Sangli - 416 301

DEPARTMENT OF DRAVYAGUNA VIDNYAN

ERAND

***Ricinus communis* Linn.**

ERAND

1. Plant - Classical

2. Gana – Charak – Bhedaniya, Madhuraskandha

Sushrut – Vidarigandhadi, Vatasanshaman

3. Kula - Amalaki kula

4. Family – Euphorbiaceae

5. Synonyms – Gandharvhasta, Panchangul, Vardhaman, Chitrabeej

6. Distribution –Throughout India, cultivated and found run wild.

7. Morphology – A perennial, bushy, soft-wooded small tree with a thin grayish brown bark; **Leaves** palmately lobed with seven or more serrate lobes, petioles with conspicuous glands; **Flowers** monoecious in terminal paniculate racemes with crowded male flowers on the upper half of the inflorescence and the pistillate at the basal half, sometimes a few pistillate flowers at the top also; **Fruits** globose, explosively dehiscent, 3-seeded capsules, when young it is green and covered with fleshy prickles; **Seeds** oblong with smooth, hard mottled crustaceous testa with a white caruncle at the top enclosing oily and fleshy endosperm.

8. Types - 1. Shwet Erand 2. Rakta Erand

9. Gunakarma – Guna – Guru, Sukshma, Snigdha, Tikshna

Rasa – Madhur **Vipak** – Katu **Veerya** – Ushna

10. Doshkarma – Kapha-vatashamak

11. Rogaghnata – Shula, Shotha, Udararoga, Jwara, Aamavat

12. Chemical Composition – Alkaloids Ricine, Albumin, Ricine, Gallic acid

13. Parts used – Root, Leaves, Seed, Oil

14. Kalp – Gandharvaharitaki Churn, Erandasaptak Kwatha, Erandapak, Gandharvahasta Tail

