

LIST OF INTERDISCIPLINARY COURSES (2022- 2023) – Total- 272

| Sl.No | Name of the Courses offered in the Programs | Number of Programmes in which the Course is offered | Whether Inter-disciplinary: Yes/No | Name of the Disciplines/departments involved in content delivery |
|-------|---|---|------------------------------------|--|
| 1. | Anatomy | 18 | Yes | Medical |
| 2. | Physiology | 18 | Yes | Medical |
| 3. | Biochemistry | 10 | Yes | Medical |
| 4. | Community Medicine | 9 | Yes | Medical |
| 5. | Medical Ethics | 48 | Yes | Medical |
| 6. | Law –Indian Constitution | 8 | Yes | All Dept |
| 7. | Kannada | 8 | Yes | All Dept |
| 8. | Pharmacology | 15 | Yes | Medical |
| 9. | Microbiology | 9 | Yes | Medical |
| 10. | Forensic Medicine And Toxicology | 4 | Yes | Medical |
| 11. | Environmental Studies | 8 | Yes | All Dept |
| 12. | Ophthalmology | 6 | Yes | Medical |
| 13. | Otorhinolaryngology And Head And Neck Surgery (ENT) | 8 | Yes | Medical |
| 14. | General Medicine | 8 | Yes | Medical |
| 15. | Psychiatry | 9 | Yes | Medical |
| 16. | Dermatology, Venereology, And Leprosy | 9 | Yes | Medical |
| 17. | Pulmonary Medicine | 23 | Yes | Medical |
| 18. | General Surgery | 8 | Yes | Medical |
| 19. | Psychology, Sociology | 4 | Yes | Medical |
| 20. | Basic Nursing And First Aid | 13 | Yes | Nursing |
| 21. | English | 8 | Yes | All Dept |
| 22. | Introduction To Computers | 8 | Yes | All Dept |
| 23. | Obstetrics And Gynecology | 10 | Yes | Medical |

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| 24. | Paediatrics | 11 | Yes | Medical |
| 25. | Anesthesiology | 10 | Yes | Medical |
| 26. | Radio-Diagnosis | 37 | Yes | Medical |
| 27. | Pathology | 26 | Yes | Medical |
| 28. | Orthopedic | 19 | Yes | Medical |
| 29. | Research Methodology & Biostatistics | 13 | Yes | All Dept |
| 30. | Genetic And Molecular Biology | 8 | Yes | Medical |
| 31. | Basic Life Support | 7 | Yes | Medical |
| 32. | Cardiology | 14 | Yes | Medical |
| 33. | Neurology | 9 | Yes | Medical |
| 34. | Oral Medicine & Radiology | 9 | Yes | Dental |
| 35. | Public Health Dentistry | 9 | Yes | Dental |
| 36. | Oral Pathology & Microbiology | 9 | Yes | Dental |
| 37. | Oral And Maxillofacial Surgery | 9 | Yes | Dental |
| 38. | Research Methodology | 89 | Yes | All Dept |
| 39. | Kayachikitsa | 11 | Yes | Ayurveda |
| 40. | Rasayana Vajikarana | 11 | Yes | Ayurveda |
| 41. | Swastha Vritta | 11 | Yes | Ayurveda |
| 42. | Panchakarma | 11 | Yes | Ayurveda |
| 43. | Agada Tantra | 11 | Yes | Ayurveda |
| 44. | Pharmacy Practice | 8 | Yes | Pharmacy |
| 45. | Clinical Research Fellowship | 8 | Yes | Pharmacy |
| 46. | Department Of Pharmacy Practice | 8 | Yes | Pharmacy |
| 47. | Orthopedic Physiotherapy | 12 | Yes | Physiotherapy |
| 48. | Neurology Physiotherapy | 12 | Yes | Physiotherapy |
| 49. | Pediatric Physiotherapy | 12 | Yes | Physiotherapy |
| 50. | Cardiovascular Thoracic Surgery Physiotherapy | 12 | Yes | Physiotherapy |

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| 51. | Sports Physiotherapy | 12 | Yes | Physiotherapy |
| 52. | Geriatric Physiotherapy | 12 | Yes | Physiotherapy |
| 53. | OMT | 12 | Yes | Physiotherapy |
| 54. | CBR | 12 | Yes | Physiotherapy |
| 55. | OBG Physiotherapy | 12 | Yes | Physiotherapy |
| 56. | Neurology Physiotherapy | 12 | Yes | Physiotherapy |
| 57. | Cardiovascular Thoracic Surgery Physiotherapy | 12 | Yes | Physiotherapy |
| 58. | Oncology Physiotherapy | 12 | Yes | Physiotherapy |
| 59. | Child Health Nursing | 8 | Yes | Nursing |
| 60. | Mental Health Nursing | 8 | Yes | Nursing |
| 61. | Medical Surgical Nursing | 8 | Yes | Nursing |
| 62. | Obstetric And Gynecological Nursing | 8 | Yes | Nursing |
| 63. | Mental Health Nursing | 8 | Yes | Nursing |
| 64. | Basic Procedure For Patient Care | 8 | Yes | Nursing |
| 65. | Yoga And Wellness | 8 | Yes | Ayurveda |
| 66. | Ergonomics | 8 | Yes | Physiotherapy |
| 67. | First Aid | 8 | Yes | Nursing |
| 68. | Dental Anatomy, Embryology, And Oral Histology | 10 | Yes | Dental |
| 69. | Dental Material | 10 | Yes | Dental |
| 70. | Preclinical Prosthodontics & Crown & Bridge | 10 | Yes | Dental |
| 71. | Environmental Studies | 10 | Yes | All Dept |
| 72. | General And Dental Pharmacology & Therapeutics | 10 | Yes | Dental |
| 73. | Preclinical Conservative Dentistry | 10 | Yes | Dental |
| 74. | Paediatric And | 10 | Yes | Dental |

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| | Preventive Dentistry | | | |
| 75. | Orthodontic And Dentofacial Orthopaedics | 10 | Yes | Dental |
| 76. | Periodontology | 10 | Yes | Dental |
| 77. | Conservative Dentistry And Endodontics | 10 | Yes | Dental |
| 78. | Padartha Vigyan Evum Ayurveda Itihas | 11 | Yes | Ayurveda |
| 79. | Sanskrita | 11 | Yes | Ayurveda |
| 80. | Kriya Sharir (Physiology) | 11 | Yes | Ayurveda |
| 81. | Rachana Sharir (Anatomy) | 11 | Yes | Ayurveda |
| 82. | Maulik Sindhan Evum Ashtang Hridaya | 11 | Yes | Ayurveda |
| 83. | Charak Samhita (Purvardha) | 11 | Yes | Ayurveda |
| 84. | Dravyaguna Vigyan | 11 | Yes | Ayurveda |
| 85. | Rasashastra & Bhaishajya Kalpana | 11 | Yes | Ayurveda |
| 86. | Roga Vigyan Evum Vikriti Vigyan | 11 | Yes | Ayurveda |
| 87. | Roga Nidana | 11 | Yes | Ayurveda |
| 88. | Swasthavrita | 11 | Yes | Ayurveda |
| 89. | Prasooti Tantra Evum Stri Roga | 11 | Yes | Ayurveda |
| 90. | Kaumarabhritya Parichaya | 11 | Yes | Ayurveda |
| 91. | Charak Samhita (Uttarardha) | 11 | Yes | Ayurveda |
| 92. | Pharma Marketing , Management | 8 | Yes | Pharmacy |
| 93. | Pharmaceutical Regulatory Science | 8 | Yes | Pharmacy |
| 94. | Pharmacovigilance | 8 | Yes | Pharmacy |
| 95. | Quality Control And Standardization Of Herbals | 8 | Yes | Pharmacy |
| 96. | Computer Aided Drug | 8 | Yes | Pharmacy |

| | Design | | | |
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| 97. | Cell And Molecular Biology | 8 | Yes | Pharmacy |
| 98. | Cosmetic Science | 8 | Yes | Pharmacy |
| 99. | Experimental Pharmacology | 8 | Yes | Pharmacy |
| 100. | Advanced Instruments Techniques | 8 | Yes | Pharmacy |
| 101. | Dietary Supplements And Nutraceuticals | 8 | Yes | Pharmacy |
| 102. | Pharmaceutical Analysis I | 8 | Yes | Pharmacy |
| 103. | Pharmaceutics I | 8 | Yes | Pharmacy |
| 104. | Pharmaceutical Inorganic Chemistry | 8 | Yes | Pharmacy |
| 105. | Communication Skills | 8 | Yes | Pharmacy |
| 106. | Remedial Biology/Remedial Mathematics | 8 | Yes | Pharmacy |
| 107. | Pharmaceutical Organic Chemistry I | 8 | Yes | Pharmacy |
| 108. | Computer Application In Pharmacy- | 8 | Yes | Pharmacy |
| 109. | Physical Pharmaceutics I | 8 | Yes | Pharmacy |
| 110. | Pharmaceutics Microbiology | 8 | Yes | Pharmacy |
| 111. | Pharmaceutics Engineering | 8 | Yes | Pharmacy |
| 112. | Medical Chemistry I | 8 | Yes | Pharmacy |
| 113. | Pharmacology I | 8 | Yes | Pharmacy |
| 114. | Pharmacognosy And Phytochemistry I | 8 | Yes | Pharmacy |
| 115. | Industrial Pharmacy I | 8 | Yes | Pharmacy |
| 116. | Pharmaceutical Jurisprudence | 8 | Yes | Pharmacy |
| 117. | Herbal Drug Technology | 8 | Yes | Pharmacy |
| 118. | Bio pharmaceuticals And Pharmacokinetics | 8 | Yes | Pharmacy |

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| 119. | Pharmaceutical Biotechnology | 8 | Yes | Pharmacy |
| 120. | Quality Assurance | 8 | Yes | Pharmacy |
| 121. | Instrumental Methods Of Analysis | 8 | Yes | Pharmacy |
| 122. | Pharmacy Practice | 7 | Yes | Pharmacy |
| 123. | Novel Drug Delivery System | 8 | Yes | Pharmacy |
| 124. | Practice School | 8 | Yes | Pharmacy |
| 125. | Biostatistics And Research Methodology | 8 | Yes | Pharmacy |
| 126. | Social And Preventive Pharmacy | 8 | Yes | Pharmacy |
| 127. | Human Bio Mechanics | 12 | Yes | Physiotherapy |
| 128. | Basic Nursing And First Aid | 12 | Yes | Nursing |
| 129. | Computer Application And Management In Physiotherapy | 12 | Yes | Physiotherapy |
| 130. | Clinical Education And Training | 12 | Yes | Physiotherapy |
| 131. | Exercise Therapy | 12 | Yes | Physiotherapy |
| 132. | Electrotherapy & Physical Agents | 12 | Yes | Physiotherapy |
| 133. | Prosthetics And Orthotics | 12 | Yes | Physiotherapy |
| 134. | Research Methodology, Ethics And Evidenced Based Practice | 12 | Yes | Physiotherapy |
| 135. | Part A -Neurology, Part- B Neurosurgery | 12 | Yes | Physiotherapy |
| 136. | Community Physiotherapy & Rehabilitation | 12 | Yes | Physiotherapy |
| 137. | Physiotherapy In Orthopedics | 12 | Yes | Physiotherapy |
| 138. | Physiotherapy In Pediatrics | 12 | Yes | Physiotherapy |
| 139. | Physiotherapy In | 12 | Yes | Physiotherapy |

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|------|---|----|-----|----------|
| | Neurology & Neurosurgery | | | |
| 140. | Nursing Foundations | 8 | Yes | Nursing |
| 141. | Psychology | 8 | Yes | All Dept |
| 142. | Management Of Nursing Service & Education | 8 | Yes | Nursing |
| 143. | Health Economics And Outcomes Research | 10 | Yes | MPH |
| 144. | Health Care Quality And Safety | 10 | Yes | MPH |
| 145. | Dravyaguna | 11 | Yes | Ayurveda |
| 146. | Shalyatantra | 11 | Yes | Ayurveda |
| 147. | Kaumarabhritya | 11 | Yes | Ayurveda |
| 148. | Shalakyatantra | 11 | Yes | Ayurveda |
| 149. | Critical Care Nursing | 8 | Yes | Nursing |
| 150. | Urology | 5 | Yes | Medical |
| 151. | Neurology & Neuro Surgery | 5 | Yes | Medical |
| 152. | Cardiology | 8 | Yes | Medical |
| 153. | Plastic Surgery | 3 | Yes | Medical |
| 154. | Paediatric Surgery | 5 | Yes | Medical |
| 155. | Cardiac Anaesthesia | 3 | Yes | Medical |
| 156. | Histopathology | 11 | Yes | Medical |
| 157. | Bacteriology | 12 | Yes | Medical |
| 158. | Analytic Biochemistry And Clinical Biochemistry | 11 | Yes | Medical |
| 159. | Hematology & Clinical Pathology | 12 | Yes | Medical |
| 160. | Virology | 12 | Yes | Medical |
| 161. | Cytology, Cytogenetics | 12 | Yes | Medical |
| 162. | Parasitology And Mycology | 12 | Yes | Medical |
| 163. | Medical Ethics In Radiology | 3 | Yes | Medical |
| 164. | Radiation Physics And Physics Of Diagnostic | 3 | Yes | Medical |

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| 165. | Radiographic Photographs | 3 | Yes | Medical |
| 166. | Physics Of Radiology | 3 | Yes | Medical |
| 167. | Quality Control, Radiobiology And Radiation | 3 | Yes | Medical |
| 168. | Imaging Technique | 4 | Yes | Medical |
| 169. | Basics Of Cardiac Technology | 2 | Yes | Medical |
| 170. | Electrocardiography I | 3 | Yes | Medical |
| 171. | Cardiac Catheterization | 2 | Yes | Medical |
| 172. | Applied Pharmacology | 10 | Yes | Medical |
| 173. | Anaesthesia For Patients With Medical Disorder | 2 | Yes | Medical |
| 174. | Basics Of Nephrology | 9 | Yes | Medical |
| 175. | Applied Dialysis Technology 1 | 2 | Yes | Medical |
| 176. | Human Values And Professional Ethics | 11 | Yes | Medical |
| 177. | Sampling Techniques And Design | 11 | Yes | Medical |
| 178. | Registration Systems And Sample Surveys (60l+40p) Hours | 11 | Yes | Medical |
| 179. | Introduction Of Health Care Delivery System. | 16 | Yes | Medical |
| 180. | Fundamentals Of Environmental Health | 11 | Yes | Medical |
| 181. | Introduction To Communicable And Non-Communicable Diseases | 16 | Yes | Medical |
| 182. | Fundamentals Of Data Processing And Analysis – Basic Statistics | 6 | Yes | Medical |
| 183. | Introduction To Public Health Nutrition | 11 | Yes | Medical |

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| 184. | Fundamentals Of Health Education & Communication | 11 | Yes | Medical |
| 185. | Rural, Urban & Tribal Health | 16 | Yes | Medical |
| 186. | Health Of Child, Adolescent And Ageing Of Population | 16 | Yes | Medical |
| 187. | Basics Of Health Informatics & Economics | 15 | Yes | Medical |
| 188. | Disaster And Emergency Management | 16 | Yes | Medical |
| 189. | National Health Programmes And Public Health Laws | 16 | Yes | Medical |
| 190. | Introduction To Organizational Development & Occupational Health | 6 | Yes | Medical |
| 191. | Basic Of Health Planning And Management | 16 | Yes | Medical |
| 192. | Preventive Obstetrics And Family Planning | 11 | Yes | Medical |
| 193. | Public Leadership, Managing Health Organization And Quality And Safety In Health Care | 11 | Yes | Medical |
| 194. | Health / Hospital Management | 3 | Yes | Medical |
| 195. | Health Finance And Material Management | 3 | Yes | Medical |
| 196. | Health Service Planning And Project Management | 15 | Yes | Medical |
| 197. | Health Information And Social Marketing In Health Care | 13 | Yes | Medical |

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| 198. | Hospital Organization And Medical Ethics | 3 | Yes | Medical |
| 199. | Hospital Finance Cost And Management Accounting | 3 | Yes | Medical |
| 200. | Management Of Human Resource And Industrial Relations | 3 | Yes | Medical |
| 201. | Hospital Planning And Quality Management | 3 | Yes | Medical |
| 202. | Hospital Management Or Health Management | 3 | Yes | Medical |
| 203. | Perfusion Technology For Common Conditions | 3 | Yes | Medical |
| 204. | Perfusion Technology Special Situation & Recent Advances | 4 | Yes | Medical |
| 205. | Communication Skill And Business English | 7 | Yes | Medical |
| 206. | Drug Development And Regulations | 8 | Yes | Medical |
| 207. | Research Methodology & Applied Biostatistics | 6 | Yes | Medical |
| 208. | Pharmacoepidemiology And Pharmacoeconomics | 8 | Yes | Medical |
| 209. | Pharmacovigilance And Safety Monitoring | 8 | Yes | Medical |
| 210. | SPSS/ Excel/EPI Info | 6 | Yes | Medical |
| 211. | Basic Mathematics And Statistics | 6 | Yes | Medical |
| 212. | Probability Theory | 6 | Yes | Medical |
| 213. | Sampling Techniques And Designs | 6 | Yes | Medical |
| 214. | Methods In Statistical Inference | 6 | Yes | Medical |
| 215. | Regression Analysis And Demography | 5 | Yes | Medical |
| 216. | Multivariate Analysis | 6 | Yes | Medical |

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| 217. | Design Of Experiments | 6 | Yes | Medical |
| 218. | Non-Parametric Tests | 6 | Yes | Medical |
| 219. | Epidemiological And Research Methodology | 6 | Yes | Medical |
| 220. | Statistical Software's | 6 | Yes | Medical |
| 221. | Hospital Data Management And Population Genetics | 9 | Yes | Medical |
| 222. | Community Nutrition | 9 | Yes | Medical |
| 223. | Nutraceuticals And Functional Food | 2 | Yes | Medical |
| 224. | Advanced Human Nutrition | 2 | Yes | Medical |
| 225. | Historical Perspectives Of Psychology | 9 | Yes | Medical |
| 226. | Cognitive Psychology | 9 | Yes | Medical |
| 227. | Biopsychology | 9 | Yes | Medical |
| 228. | Psychological Statistics | 9 | Yes | Medical |
| 229. | Counselling And Guidance | 9 | Yes | Medical |
| 230. | Child Psychopathology | 9 | Yes | Medical |
| 231. | Personality Psychology | 9 | Yes | Medical |
| 232. | Organizational Behavior | 9 | Yes | Medical |
| 233. | Psychopathology | 9 | Yes | Medical |
| 234. | Psychological Therapies | 9 | Yes | Medical |
| 235. | Positive Psychology | 9 | Yes | Medical |
| 236. | Health Psychology | 9 | Yes | Medical |
| 237. | Social And Community Psychology | 9 | Yes | Medical |
| 238. | Rehabilitation Psychology | 9 | Yes | Medical |
| 239. | Sources Of Population Data | 6 | Yes | Medical |
| 240. | Basic Statistics For Analysis Of Population Data And Software | 6 | Yes | Medical |

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| 241. | Methods Of Population Data Analysis And Adjustment Of Demographic Data | 9 | Yes | Medical |
| 242. | Methods Of Population Estimate And Projection | 9 | Yes | Medical |
| 243. | Population Composition And Change, National And World | 15 | Yes | Medical |
| 244. | Nuptiality And Fertility | 3 | Yes | Medical |
| 245. | Morbidity, Mortality, Construction Of Life Tables | 6 | Yes | Medical |
| 246. | Migration And Urbanization | 6 | Yes | Medical |
| 247. | Computer Software's-SPSS, EPI Info, R And Excel Training And Using | 6 | Yes | Medical |
| 248. | Population, Health And Environment (Half Paper) | 15 | Yes | Medical |
| 249. | Population Theories, Population And Health Policies (Half Paper) | 15 | Yes | Medical |
| 250. | Bioengineering And Bioinformatics | 3 | Yes | Medical |
| 251. | Cell Biology | 3 | Yes | Medical |
| 252. | Virology And Vaccinology | 3 | Yes | Medical |
| 253. | Intellectual Property Rights | 7 | Yes | Medical |
| 254. | Industrial Biotechnology | 2 | Yes | Medical |
| 255. | Molecular Immunology | 3 | Yes | Medical |
| 256. | Bioprocess Engineering | 2 | Yes | Medical |

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|------|-----------------------------------|----|-----|---------------|
| 257. | Cancer Biology And Therapeutics | 6 | Yes | Medical |
| 258. | Neonatology | 8 | Yes | Medical |
| 259. | Basic procedures for patient care | 12 | Yes | Nursing |
| 260. | Desk Ergonomics made easy | 18 | Yes | Physiotherapy |
| 261. | Yoga and Nutrition | 9 | Yes | pharmacy |
| 262. | Artificial Intelligence | 9 | Yes | Dental |
| 263. | LASERS in Dentistry | 9 | Yes | Dental |
| 264. | Public Relations | 15 | Yes | Allied |
| 265. | Stree Rog & Prasuti Tantra | 11 | Yes | Ayurveda |
| 266. | Ayurveda Pharmacy | 11 | Yes | Ayurveda |
| 267. | Aquatic Therapy | 11 | Yes | Physiotherapy |
| 268. | Emergency Medicine | 23 | Yes | Medical |
| 269. | Medical Cosmetology | 4 | Yes | Medical |
| 270. | Pediatric Hematology | 4 | Yes | Medical |
| 271. | Pediatric Oncology | 4 | Yes | Medical |
| 272. | Cosmetic Science | 11 | Yes | Pharmacy |