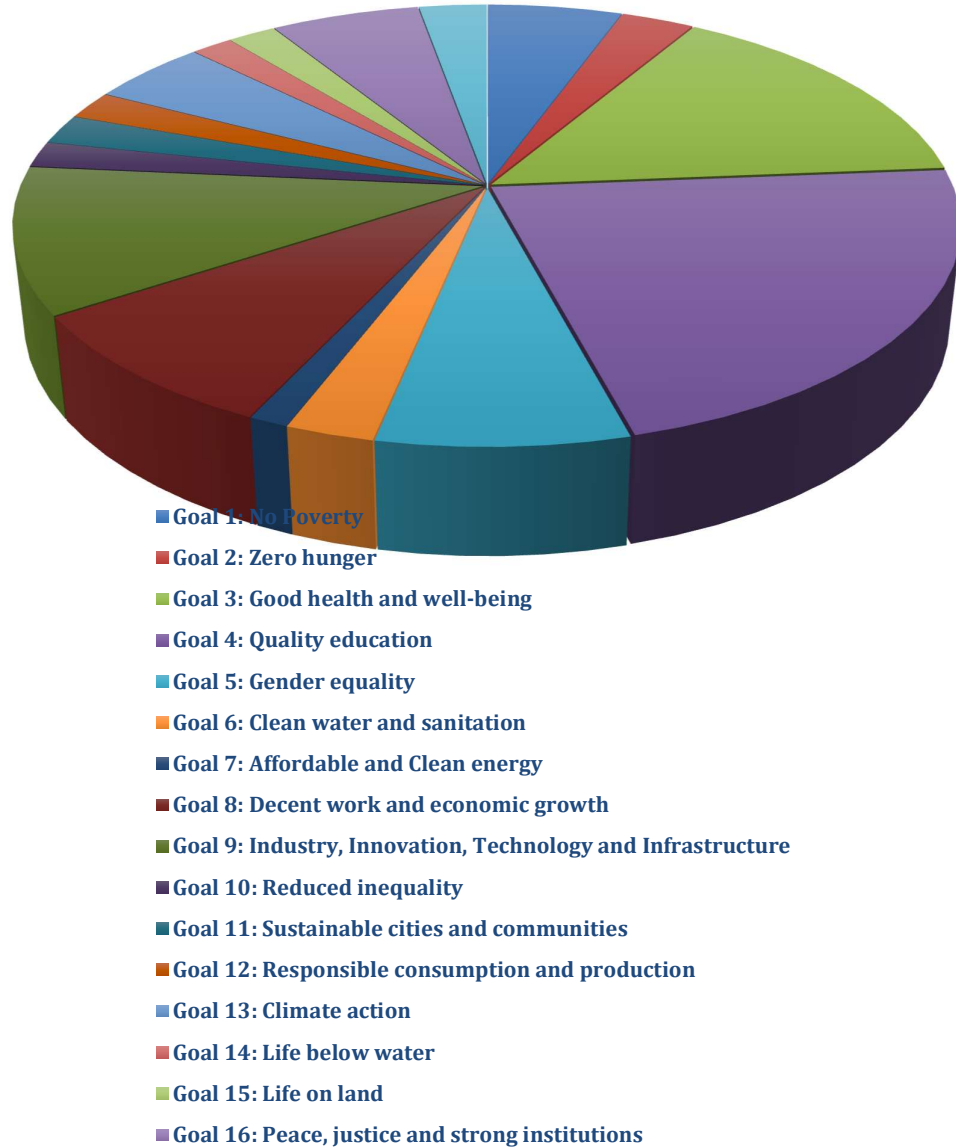


Swami Rama Himalayan University

Course Mapping with Sustainable Development Goals

SDG	No. of Course Mapped
Goal 1: No Poverty	153
Goal 2: Zero hunger	83
Goal 3: Good health and well-being	423
Goal 4: Quality education	616
Goal 5: Gender equality	204
Goal 6: Clean water and sanitation	72
Goal 7: Affordable and Clean energy	32
Goal 8: Decent work and economic growth	243
Goal 9: Industry, Innovation, Technology and Infrastructure	299
Goal 10: Reduced inequality	53
Goal 11: Sustainable cities and communities	61
Goal 12: Responsible consumption and production	58
Goal 13: Climate action	134
Goal 14: Life below water	47
Goal 15: Life on land	55
Goal 16: Peace, justice and strong institutions	169
Goal 17: Partnerships for the goals	77

Number of Course Mapped with SDGs



GOAL 1:
NO POVERTY

S.No.	Courses
1	Forensic medicine & toxicology
2	Community medicine
3	General Medicine and allied
4	Ophthalmology
5	Obstetrics and gynaecology
6	Paediatrics
7	Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non- Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Biostatistics.
8	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
9	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
10	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
11	Basic Sciences as applied to paediatrics
12	General paediatrics
13	Systemic paediatrics
14	Recent advances
15	Basic Medical Science (Applied Basic Sciences, General Emergency Medicine And Disaster Preparedness)
16	Infectious Disease, HIV And AIDS, CVS, GIT, Critical Care, Paediatrics, Environmental Emergencies And Toxicology
17	Respiratory Medicine, CNS, Surgical Emergencies, Obstetric And Gynaecological Emergencies, Surgical Specialities, procedures
18	Nephrology, Endocrinology, Haematology, Oncology, Psychiatry, Dermatology, Occupational Disease And Recent Advances
19	General pulmonary medicine and basic sciences;
20	Clinical pulmonary medicine including medical emergencies;
21	Clinical pulmonary medicine including critical care medicine;
22	Recent advances in pulmonary medicine, and research methodology.
23	Obstetrics including social obstetrics and Diseases of New Born
24	Recent Advances in Obstetrics & Gynaecology
25	Recent Advances in Ophthalmology and Community Ophthalmology
26	Recent Advances in Surgical oncology
27	Neurosciences, Emergency Neurosurgery
28	General Epidemiology and Basic Biostatistics
29	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
30	Demography & Population Studies
31	Environment and occupational epidemiology
32	Nutritional Epidemiology

33	Geriatric and Adolescent Health
34	Patient management & care-I
35	Patient management & care-II
36	English language and Communication
37	Yogic science and techniques
38	Basic Computer and Information Sciences
39	Environmental Science - I
40	Environmental Science - II
41	Haematology & Clinical pathology - Applied
42	Quality Assurance in Clinical Biochemistry and Molecular Biology
43	Applied Microbiology and Advance techniques
44	Histology & Cytopathology - Advanced
45	Professional practice in Physiotherapy
46	Research Methodology and Biostatistics
47	Exercise Physiology & Nutrition
48	Yoga Practical – I
49	Yoga Practical – II
50	Yoga Practical – III
51	Yoga Practical – IV
52	Yoga Practical – V
53	Yoga Practical – VI
54	Holistic Health Practical
55	Yoga Practical – VII
56	Yoga Practical – VIII
57	Ayurveda Practical
58	Fundamentals of Naturopathy
59	Yoga Practical – IX
60	Naturopathy Practical
61	Internship-I
62	Elective-I Fundamentals of Homeopathy
63	Elective-II Applied Alternative Therapies
64	Yoga Practical – X
65	Yoga Field Work
66	Internship-II
67	Yoga Practical - I
68	Yoga Practical - II
69	Fundamentals of Ayurveda and Naturopathy
70	Yoga Practical - III
71	Yoga Practical - IV
72	Yoga and Alternative Therapy
73	Yoga Practical - V
74	Research Methodology & Statistics
75	Yogic Management of Diseases
76	Elective I - Holistic Health
77	Applied Sociology
78	Community Health Nursing I including Environmental Science & Epidemiology
79	Mental Health Nursing - II
80	Community Health Nursing - II
81	Community Health Nursing
82	Mental Health Nursing

83	Sociology
84	Clinical Specialty - I:(ii) Community Health Nursing
85	Clinical Specialty - II: (ii) Community Health Nursing
86	Nursing Management
87	Industrial Biotechnology
88	Micro Economics
89	Environment Studies
90	Business Environment Analysis
91	Computing For Business
92	Macro Economics
93	Communicative English - II
94	Spreadsheet Modelling Lab
95	Human Resource Management
96	Soft Skills-I
97	Management Of Financial Services
98	International Business
99	Quantitative Techniques For Management
100	Communicative English - IV
101	Soft Skills-II
102	Business Policy & Strategic Management
103	Professional Salesmanship
104	Research Project Proposal & Synopsis
105	Entrepreneurship Development
106	E Commerce
107	Project Management
108	Integrated Marketing Communication
109	Undergraduate Research Project
110	Business Communication
111	Financial Accounting
112	Accounting Standards
113	Business Statistics
114	Financial Management
115	Communicative English - II
116	Company Law
117	Cost Accounting
118	Human Resource Management
119	Marketing Management
120	Soft Skills-I
121	Corporate Accounting
122	Management Of Financial Services
123	Management Accounting
124	Communicative English - IV
125	Soft Skills-II
126	Auditing & Assurance Practices
127	Investment Management
128	Summer Training Report
129	Soft Skills - III
130	Accounting Standards
131	E Commerce
132	Undergraduate Research Project
133	Statistics For Managers

134	Financial Accounting & Reporting
135	Computer Application For Managers
136	Management Science
137	Organizational Behaviour
138	Spreadsheet Modelling Lab
139	Business Research
140	Human Resource Management
141	International Business
142	Statistical Analysis & Data Analytics (Practical)
143	Strategic Management
144	Mini Project
145	Business Ethics
146	Business Research Project
147	Sales And Distribution Management
148	Integrated Marketing Communications
149	Rural Marketing
150	Security Analyses And Portfolio Management
151	Working Capital Management
152	Labour Laws
153	Performance Management

GOAL 2:
ZERO HUNGER

S.No.	Courses
1	Community medicine
2	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
3	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
4	General paediatrics
5	Systemic paediatrics
6	Recent advances
7	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
8	Nutritional Epidemiology
9	Maternal and Child Health
10	English language and Communication
11	Yogic science and techniques
12	Basic Computer and Information Sciences
13	Environmental Science - I
14	Environmental Science - II
15	Haematology & Clinical pathology - Applied
16	Metabolisms and Vitamins
17	Hematology & Blood Banking - Basics
18	Virology and mycology
19	Histology & Cytopathology - Advanced
20	Heme metabolism Endocrinology and organ function test
21	General Parasitology

22	Exercise Physiology & Nutrition
23	Yoga Practical – III
24	Yoga Practical – IV
25	Yoga Practical – V
26	Yoga Practical – VI
27	Holistic Health Practical
28	Naturopathy Practical
29	Elective-II Applied Alternative Therapies
30	Principles of Hatha Yoga– I
31	Human Anatomy and Physiology-I
32	Human Anatomy and Physiology Practical-I
33	Principles of Hatha Yoga– II
34	Human Anatomy and Physiology-II
35	Human System According to Yoga
36	Human Anatomy and Physiology Practical-II
37	Holistic Health
38	Yoga Diet & Nutrition
39	Fundamentals of Ayurveda
40	Bhagavadgita
41	Yoga Practical - III
42	Yoga Practical - IV
43	Yoga and Alternative Therapy
44	Yoga Practical - V
45	Yogic Management of Diseases
46	Elective I - Holistic Health
47	Human Anatomy and Physiology-I
48	Principles of Hatha Yoga
49	Human Anatomy and Physiology-II
50	Community Health Nursing I including Environmental Science & Epidemiology
51	Community Health Nursing - II
52	Applied Nutrition and Dietetics
53	Child health Nursing – I including Essential New born care (ENBC), FBNC, IMNCI and PLS, modules
54	Child Health Nursing - II
55	Midwifery/Obstetrics and Gynaecology (OBG) Nursing - I including Safe delivery app module
56	Community Health Nursing
57	Child Health Nursing
58	Maternal Nursing
59	Nutrition & Dietetics
60	Clinical Specialty - I:(ii) Community Health Nursing
61	Clinical Specialty - II: (ii) Community Health Nursing
62	Clinical Specialty - I: (i) Child Health Nursing
63	Clinical Specialty - II: (i) Paediatric (Child Health) Nursing
64	Foundation of Critical Care Nursing Practice
65	Industrial Biotechnology
66	Elective-III Food Biotechnology
67	Elective-Bio-fertilizers and Bio-pesticides
68	Elective-Mushroom Cultivation Technology
69	Macro Economics

70	Communicative English - IV
71	Integrated Marketing Communication
72	Business Finance
73	Introduction To Entrepreneurship
74	Company Law
75	Communicative English - IV
76	Business Mathematics
77	Income Tax Laws & Practice
78	Introduction To Entrepreneurship
79	Management Science
80	Integrated Marketing Communications
81	Career Advancement Course For Managers – II
82	Financial Institutions And Markets
83	Environmental Studies

GOAL 3:

GOOD HEALTH AND WELL-BEING

S.No.	Courses
1	Forensic medicine & toxicology
2	Community medicine
3	General Medicine and allied
4	Ophthalmology
5	Obstetrics and gynaecology
6	Paediatrics
7	Human Anatomy
8	Physiology
9	Biochemistry
10	Pharmacology
11	Pathology
12	Microbiology
13	General Surgery and allied
14	Oto-rhino laryngology
15	Gross Anatomy, Embryology, Microscopic Anatomy of human body above the diaphragm with Radiological Anatomy & Body Preservation
16	Gross Anatomy, Embryology, Microscopic Anatomy of human body below the diaphragm with General (Embryology & Microscopic) Anatomy
17	Neuroanatomy & Genetics
18	Recent advances and applied Anatomy in medical sciences
19	Biomolecules, Principles of Biophysics and its biomedical importance, Cell biology, Fluid, electrolyte and acid-base balance, Analytical techniques, and instrumentation, Biostatistics and research methodology, Basics of medical education in teaching and assessment of Biochemistry.
20	Enzymes, Bioenergetics, Biological oxidation, Intermediary metabolism and inborn errors of metabolism, Nutrition, Vitamins and Minerals, Detoxification and metabolism of xenobiotics, Free radicals, and anti-oxidant defence systems
21	Molecular biology, Molecular and genetic aspects of cancer, Immunology, and Environmental Biochemistry
22	Basic principles and practice of clinical biochemistry, Biochemical analyses, Assessment of organ system functions, and Recent advances in biochemistry

23	Basic sciences as applied to the subject (General and Cellular Physiology including Genetic basis and historical perspectives)
24	Systemic Physiology (system providing transport, nutrition and energy) including comparative Physiology
25	Systemic Physiology (system concerned with regulation, neural control and procreation)
26	Recent advances in the subject (including applied Physiology)
27	Basic sciences as applied to Pharmacology
28	Systemic Pharmacology
29	Clinical Pharmacology, Experimentation, Research, Biostatistics and Education
30	Recent advances in the Pharmacology
31	Basic sciences as applied to the subject (general pathology, pathophysiology, immunopathology, and molecular biology).
32	Systemic pathology – surgical and cytopathology
33	Haematology, transfusion medicine and laboratory medicine including instrumentation and quality control
34	Recent advances in the subject
35	General Bacteriology and Immunology
36	Clinical / Systemic Microbiology (CM I).
37	Clinical / Systemic Microbiology (CM II).
38	Recent Advances & Applied Microbiology (AM).
39	Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non- Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Biostatistics.
40	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
41	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
42	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
43	Basic Sciences in as applied to the subject
44	Therapeutics and tropical medicine
45	Systemic medicine of all organ systems
46	Recent advances in General Medicine
47	Basic Sciences as applied to pediatrics
48	General paediatrics
49	Systemic paediatrics
50	Recent advances
51	Basic Science as applied to Dermatology, STDs and Leprosy
52	Dermatology
53	STD & Leprosy
54	Recent advances in field of Dermatology, Applied Sciences pertaining to skin /VD & internal medicine and skin
55	Basic Medical Science (Applied Basic Sciences, General Emergency Medicine And Disaster Preparedness)
56	Infectious Disease, HIV And AIDS, CVS, GIT, Critical Care, Paediatrics, Environmental Emergencies And Toxicology

57	Respiratory Medicine, CNS, Surgical Emergencies, Obstetric And Gynaecological Emergencies, Surgical Specialities, procedures
58	Nephrology, Endocrinology, Haematology, Oncology, Psychiatry, Dermatology, Occupational Disease And Recent Advances
59	Basic Sciences as applied to Anaesthesia
60	Practice of Anaesthesia: Anaesthesia in relation to associated systemic and medical diseases.
61	Anaesthesia in relation to subspecialties/super specialties
62	Intensive Care Medicine, Pain Medicine and Recent advances.
63	Basic sciences as related to Psychiatry
64	Clinical Psychiatry
65	Psychiatry specialities
66	Recent advances
67	Basic Principles in practice of Radiotherapy (Physics, Biology, Pathology, Equipment & Techniques of Radiotherapy)
68	Clinical Radiation Oncology
69	Allied Oncology Practices (Surgical oncology, medical oncology & Palliative Care)
70	Recent Developments in Oncology, Cancer Control Programmes, Research methodologies in oncology
71	Basic sciences related to Radiology (consists of Anatomy, Pathology, Basic and Radiation Physics, Imaging Techniques, and Film processing).
72	Chest, CVS, CNS including Head & Neck, Eye, ENT, musculo-skeletal, pediatric radiology and Mammography.
73	Abdominal Imaging including GI, GU, Hepatobiliary, endocrine and metabolic, Obstetrics and Gynaecology and Interventional radiology
74	Recent advances, nuclear medicine; Radiology related to clinical specialties
75	General pulmonary medicine and basic sciences;
76	Clinical pulmonary medicine including medical emergencies;
77	Clinical pulmonary medicine including critical care medicine;
78	Recent advances in pulmonary medicine, and research methodology.
79	Basic Sciences
80	Principles and Practice of Surgery
81	Principles and practice of Operative Surgery
82	Recent advances in surgery
83	Obstetrics including social obstetrics and Diseases of New Born
84	Recent Advances in Obstetrics & Gynaecology
85	Applied Basic sciences.
86	Gynaecology including fertility regulation
87	Recent Advances in Ophthalmology and Community Ophthalmology
88	Basic Sciences related to Ophthalmology, Refraction & Optics
89	Clinical Ophthalmology
90	Systemic Diseases in Relation to Ophthalmology
91	Basic sciences as applied to the subject
92	Traumatology and Rehabilitation
93	Orthopaedic diseases

94	Recent advances in Orthopaedic surgery & General Surgery as applied to Orthopaedics
95	Basic Sciences related Otolaryngology
96	Principles and Practices of Otolaryngology
97	Recent advances in Otolaryngology and Head Neck surgery.
98	General Surgical Principles and Head-Neck Surgery.
99	Recent Advances in Surgical oncology
100	Basic Sciences
101	Principles and practice of surgical oncology-Head and neck, Thoracic cavity, GI Tract, sarcoma of tissue & bones, oncological emergencies, metastatic cancer
102	Principles and practice of surgical oncology-Genito urinary system, Gynaecological cancer, breast cancer, cancer of endocrine system, Skin cancer
103	Basic Sciences as related to Neurology (includes anatomy, physiology, pathology, biochemistry, Pharmacology and genetics as applicable to neurology)
104	Clinical Neurology (includes all aspects of clinical neurology i.e. diagnosis, management, therapeutics, approach to clinical situations)
105	Investigative Neurology (includes all the investigative procedures i.e. electrophysiology, imaging, neuropathology, magneto-encephalography etc.)
106	Recent advances in Neurology (includes recent advances in neurosciences including genetics, immunology, therapeutics, pathophysiology etc.)
107	Neurosciences, Emergency Neurosurgery
108	Basic Neurosciences- Neuroanatomy, physiology, Neuro Pharmacology
109	Operative Neurosciences, Neuropathology, Neuro-microbiology, neuroradiology and Neurology
110	Recent Advances in Neurosciences including clinical Trials
111	Marketing of Hospitals and Health Care Services
112	Hospital Planning and Operations
113	Basic Medical Statistics and Research Methodology
114	Management Information System in Hospitals
115	Concept of Health and Disease, Demography and Health Information
116	Quality Management in Hospitals
117	Epidemiology, Health Communication and Health Economics
118	Recent Trends and Advances in Hospital Management
119	Patient Safety
120	General Biochemistry
121	Genetics; Molecular Biology
122	Introduction to Clinical Research
123	Bio medical, Bio analytical Techniques & Instrumentation
124	General Epidemiology
125	Clinical Trials
126	Pharmacology
127	Immunology

128	Basic Clinical Microbiology
129	IPR; Ethics
130	Population Studies
131	Intensive study of a Disease: Aetiology, Diagnostics & Therapeutics
132	Pharmacovigilance
133	Medical writing
134	Medical Coding
135	QC &QA Clinical Trials
136	Dissertation
137	General Epidemiology and Basic Biostatistics
138	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
139	Demography & Population Studies
140	Environment and occupational epidemiology
141	Nutritional Epidemiology
142	Geriatric and Adolescent Health
143	Introduction to Psychosocial, Clinical and Pharmaco-epidemiology
144	Applied Epidemiology and Biostatistics
145	Epidemiological Study Designs and Basics of Research Methodology
146	Causation in Epidemiology, Disease Prevention and Screening
147	Advanced Biostatistics and Data Handling
148	Data Collection, Synthesis & Analysis
149	Epidemiology of Common Diseases
150	Health Care Planning and Management including Health Economics & Budgeting
151	Risk assessment and risk management (including Public Health Surveillance & Monitoring)
152	Case-study, Epidemiological Exercises or Surveillance/Monitoring/Evaluation & Report Writing
153	Public Health Practice and Research Methodology
154	Dissertation
155	Clinical Epidemiology
156	Maternal and Child Health
157	Human Anatomy - I
158	Human physiology - I
159	Sociology
160	Introduction to healthcare delivery system in India
161	Introduction to Yoga, basic theory, Science and Technique
162	Human Anatomy - II
163	Human physiology - II
164	General and clinical psychology
165	Exercise Therapeutics I
166	Biomechanics and kinesiology
167	Pathology
168	Microbiology
169	Pharmacology
170	Introduction to quality and patient safety(including emergency care, BLS and biomedical waste)
171	Environmental science -I

172	Exercise Therapeutics II
173	Environmental science -II
174	General surgery including burns and Plastic surgery and obstetrics and gynaecology
175	General medicine, Paediatrics and psychiatry
176	Community medicine
177	Physiotherapy in general surgery and Medicine
178	Physiotherapy in neurology and psychosomatic conditions
179	Health promotion and fitness
180	Physiotherapy in cardiovascular, pulmonary & intensive care
181	Community Physiotherapy
182	Patient management & care-I
183	Patient management & care-II
184	Human Anatomy-I
185	Human Physiology-I
186	Human Anatomy-II
187	Human Physiology-II
188	English, communication and soft skills
189	Introduction to Yoga- Basic theory, science and techniques
190	Radiography- I
191	Radiography- II
192	Regional Radiography- I
193	Radiological Procedure -I
194	Regional Radiography- II
195	Radiological Procedure -II
196	Human Physiology-I
197	Radiation Equipment and Radiobiology- I
198	Human Physiology-II
199	Radiation Equipment and Radiobiology-II
200	Introduction to Yoga- Basic theory, science and techniques
201	Principles of cancer Control and Oncology Care-I
202	Health Care and Radiotherapy Ethics-I
203	Principles of cancer Control and Oncology Care-II
204	Health Care and Radiotherapy Ethics-II
205	Human Anatomy-I
206	Human Physiology-I
207	Biochemistry
208	Pharmacology Principles Relevant to Operation Theatre Technology
209	Introduction to Quality, Patient safety and Patient care - I
210	Human Anatomy-II
211	Human physiology-II
212	Basic Pathology and Hematology
213	Microbiology
214	Introduction to Quality, Patient safety and Patient care - II
215	Introduction to Yoga - Basic theory, Sciences and techniques
216	Introduction to Anaesthesia technology
217	Environmental Sciences-I

218	Medical diseases influencing choice of Anaesthesia
219	Environmental science-II
220	Considerations in special surgical procedures (General surgery, Obstetrics and Gynecology (, ENT, Ortho)
221	Advanced anaesthesia and PACU care
222	Environmental Science- I
223	Environmental Science- II
224	Eye diseases
225	Community optometry
226	Eye banking and OT management
227	Yogic science and techniques
228	Environmental Science - I
229	Environmental Science - II
230	Haematology & Clinical pathology - Applied
231	Quality Assurance in Clinical Biochemistry and Molecular Biology
232	Applied Microbiology and Advance techniques
233	Histology & Cytopathology - Advanced
234	Basic Biochemistry-I
235	General Bacteriology
236	Haematology & Clinical Pathology- Basics
237	Biophysics, Enzymology & Clinical Biochemistry
238	Instrumentation and Basic Immunology
239	Histology and Cytopathology - Basics
240	Metabolisms and Vitamins
241	Systemic Bacteriology
242	Haematology & Blood Banking - Basics
243	Instrumentation in Biochemical analysis
244	Histology & Cytopathology - Advanced
245	General Parasitology
246	Neurology
247	Otolaryngology
248	Audiology
249	voice & its disorder
250	Speech sound disorder
251	Amplification devices
252	Clinical practical audiology
253	Motor speech disorder in children
254	child language disorder
255	Diagnostic Audiology-Behavioural test
256	Diagnostic Audiology-Physiological test
257	Implantable Hearing devices
258	Structural anomalies & speech disorder
259	Yoga Science and techniques
260	Research Methodology and Biostatistics
261	Exercise Physiology & Nutrition
262	Neurological Disorders: Physiotherapeutic II
263	Musculoskeletal Disorders: Physiotherapeutic I
264	Yoga Practical – I
265	Yoga Practical – II
266	Yoga Practical – III
267	Yoga Practical – IV

268	Yoga Practical – V
269	Yoga Practical – VI
270	Holistic Health Practical
271	Yoga Practical – VII
272	Yoga Practical – VIII
273	Ayurveda Practical
274	Fundamentals of Naturopathy
275	Yoga Practical – IX
276	Naturopathy Practical
277	Internship-I
278	Elective-I Fundamentals of Homeopathy
279	Elective-II Applied Alternative Therapies
280	Yoga Practical – X
281	Yoga Field Work
282	Internship-II
283	Foundations of Yoga-I
284	Principles of Hatha Yoga– I
285	Human Anatomy and Physiology-I
286	Human Anatomy and Physiology Practical-I
287	Foundations of Yoga-II
288	Principles of Hatha Yoga– II
289	Human Anatomy and Physiology-II
290	Human System According to Yoga
291	Human Anatomy and Physiology Practical-II
292	Patanjal Yoga Darshana – I
293	Yoga Education & Teaching Methodology
294	Holistic Health
295	Patanjal Yoga Darshana – II
296	Yoga Psychology
297	Yoga Diet & Nutrition
298	Fundamentals of Ayurveda
299	Bhagavadgita
300	Yoga Principles & Practices of Healthy Living
301	Fundamentals of Biochemistry
302	Generic Elective –I
303	Applied Astrology, Vastu Shastra & Holistic Healing Methods
304	Generic Elective –II
305	Applied Astrology, Vastu Shastra & Holistic Healing Methods
306	Human Values, according to different Philosophical system
307	Yoga Management of Lifestyle related disorders
308	Fundamentals of Environmental Science
309	Yoga Practical - I
310	Yoga Practical - II
311	Fundamentals of Ayurveda and Naturopathy
312	Yoga Practical - III
313	Yoga Practical - IV
314	Yoga and Alternative Therapy
315	Yoga Practical - V
316	Research Methodology & Statistics

317	Yogic Management of Diseases
318	Elective I - Holistic Health
319	Foundations of Yoga
320	Human Consciousness
321	Human Anatomy and Physiology-I
322	Principles of Hatha Yoga
323	Patanjala Yoga Darshana
324	Human Anatomy and Physiology-II
325	Essence of Upanishad
326	Yoga Psychology
327	Indian Philosophy
328	Elective for M.Sc Elective I - Environmental Pollution and Human Health
329	Elective II - Applied Astrology, Vaastu Shastra & Holistic Healing Methods
330	Elective II - Basics of Computer
331	Case Study
332	Dissertation
333	Community Health Nursing I including Environmental Science & Epidemiology
334	Mental Health Nursing - II
335	Community Health Nursing - II
336	Applied Psychology
337	Nursing Foundation - I including First Aid Module
338	Applied Nutrition and Dietetics
339	Nursing Foundation – II including Health Assessment
340	Adult Health Nursing - I with integrated pathophysiology including BCLS module
341	Adult Health Nursing - II with integrated pathophysiology including Geriatric nursing + Palliative care module
342	Child health Nursing – I including Essential New born care (ENBC), FBNC, IMNCI and PLS, modules
343	Mental Health Nursing I
344	Child Health Nursing - II
345	Nursing Management & Leadership
346	Midwifery/Obstetrics and Gynecology (OBG) Nursing - I including SBA module
347	Midwifery/Obstetrics and Gynecology (OBG) Nursing - I including Safe delivery app module
348	Community Health Nursing – 4 weeks
349	Adult Health Nursing – 6 weeks
350	Child Health Nursing – 4 weeks
351	Mental Health Nursing – 4 weeks
352	Midwifery – 4 weeks
353	Community Health Nursing
354	Mental Health Nursing
355	Biochemistry & Biophysics
356	Child Health Nursing
357	Maternal Nursing
358	Medical & Surgical Nursing
359	Nursing Foundation
360	Psychology
361	Environmental Science
362	Clinical Specialty - I:(ii) Community Health Nursing

363	Clinical Specialty - II: (ii) Community Health Nursing
364	Nursing Management
365	Advance Nursing Practice
366	Clinical Specialty - I: (i) Child Health Nursing
367	Clinical Specialty - I: (iii) Medial Surgical Nursing
368	Clinical Specialty - I: (iv) Mental Health (Psychiatric) Nursing
369	Clinical Specialty - I: (v) Obstetrics & Gynecology Nursing
370	Clinical Specialty - II: (i) Paediatric (Child Health) Nursing
371	Clinical Specialty - II: (iii) Medical Surgical Nursing II: Cardio Vascular & Thoracic Nursing
372	Critical Care Nursing
373	Gastro Entrology Nursing
374	Nephro - Urology Nursing
375	Neurosciences Nursing
376	Oncology Nursing
377	Orthopedic Nursing
378	(iv) Psychiatric (Mental Health) Nursing
379	(v) Obstetrics & Gynecological Nursing
380	Advanced Health / Physical Assessment
381	Advanced Pathophysiology & Advanced Pharmacology relevant to Critical Care
382	Advanced skills in Leadership, Management and Teaching Skills
383	Theoretical Basis for Advanced Nursing Practice
384	Critical Care Nursing – I
385	Critical Care Nursing – II
386	Foundation of Critical Care Nursing Practice
387	Medical Biotechnology
388	Food Fermentation Techniques
389	Elective-III Food Biotechnology
390	Medical Microbiology
391	Immunobiology
392	Elective-II Molecular Diagnostics
393	Environmental Microbiology
394	Elective-Microbiological Analysis of Air and Water
395	Immunology
396	Molecular Endocrinology
397	Elective- Diagnostic Biochemistry
398	Practical Elective- Cancer Biology & Epigenetics
399	Immunology
400	Medical Biotechnology
401	Practical- Immunology
402	Practical- Medical Biotechnology
403	Elective-Vaccine development and production
404	Practical Elective-Vaccine development and production
405	Immunology
406	Elective-Infection and Immunity
407	Elective-Epidemiology
408	Elective-Medical Microbiology

409	Practical Elective-Infection and Immunity
410	Practical Elective-Medical Microbiology
411	Spreadsheet Modelling Lab
412	Business Policy & Strategic Management
413	Business Communication
414	Human Resource Management
415	Auditing & Assurance Practices
416	Spreadsheet Modelling Lab
417	Security Analyses And Portfolio Management
418	Yoga & Health
419	Sports & Activities
420	Open Elective II: Biology
421	Yoga & Health
422	Yoga and Health
423	Sports and Activities

GOAL 4:
QUALITY EDUCATION

S.No	Courses
1	Forensic medicine & toxicology
2	Community medicine
3	General Medicine and allied
4	Ophthalmology
5	Obstetrics & Gynecology
6	Paediatrics
7	Human Anatomy
8	Physiology
9	Biochemistry
10	Pharmacology
11	Pathology
12	Microbiology
13	General Surgery and allied
14	Oto-rhino laryngology
15	Gross Anatomy, Embryology, Microscopic Anatomy of human body above the diaphragm with Radiological Anatomy & Body Preservation
16	Gross Anatomy, Embryology, Microscopic Anatomy of human body below the diaphragm with General (Embryology & Microscopic) Anatomy
17	Neuroanatomy & Genetics
18	Recent advances and applied Anatomy in medical sciences
19	Biomolecules, Principles of Biophysics and its biomedical importance, Cell biology, Fluid, electrolyte and acid-base balance, Analytical techniques, and instrumentation, Biostatistics and research methodology, Basics of medical education in teaching and assessment of Biochemistry.
20	Enzymes, Bioenergetics, Biological oxidation, Intermediary metabolism and inborn errors of metabolism, Nutrition, Vitamins and Minerals, Detoxification and metabolism of xenobiotics, Free radicals, and anti-oxidant defence systems

21	Molecular biology, Molecular and genetic aspects of cancer, Immunology, and Environmental Biochemistry
22	Basic principles and practice of clinical biochemistry, Biochemical analytes, Assessment of organ system functions, and Recent advances in biochemistry
23	Basic sciences as applied to the subject (General and Cellular Physiology including Genetic basis and historical perspectives)
24	Systemic Physiology (system providing transport, nutrition and energy) including comparative Physiology
25	Systemic Physiology (system concerned with regulation, neural control and procreation)
26	Recent advances in the subject (including applied Physiology)
27	Basic sciences as applied to Pharmacology
28	Systemic Pharmacology
29	Clinical Pharmacology, Experimentation, Research, Biostatistics and Education
30	Recent advances in the Pharmacology
31	Basic sciences as applied to the subject (general pathology, pathophysiology, immunopathology, and molecular biology).
32	Systemic pathology – surgical and cytopathology
33	Haematology, transfusion medicine and laboratory medicine including instrumentation and quality control
34	Recent advances in the subject
35	General Bacteriology and Immunology
36	Clinical / Systemic Microbiology (CM I).
37	Clinical / Systemic Microbiology (CM II).
38	Recent Advances & Applied Microbiology (AM).
39	Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non- Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Biostatistics.
40	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
41	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
42	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
43	Basic Sciences in as applied to the subject
44	Therapeutics and tropical medicine
45	Systemic medicine of all organ systems
46	Recent advances in General Medicine
47	Basic Sciences as applied to pediatrics
48	General paediatrics
49	Systemic paediatrics
50	Recent advances
51	Basic Science as applied to Dermatology, STDs and Leprosy
52	Dermatology

53	STD & Leprosy
54	Recent advances in field of Dermatology, Applied Sciences pertaining to skin /VD & internal medicine and skin
55	Basic Medical Science (Applied Basic Sciences, General Emergency Medicine And Disaster Preparedness)
56	Infectious Disease, HIV And AIDS, CVS, GIT, Critical Care, Paediatrics, Environmental Emergencies And Toxicology
57	Respiratory Medicine, CNS, Surgical Emergencies, Obstetric And Gynaecological Emergencies, Surgical Specialities, procedures
58	Nephrology, Endocrinology, Haematology, Oncology, Psychiatry, Dermatology, Occupational Disease And Recent Advances
59	Basic Sciences as applied to Anaesthesia
60	Practice of Anaesthesia: Anaesthesia in relation to associated systemic and medical diseases.
61	Anaesthesia in relation to subspecialties/super specialties
62	Intensive Care Medicine, Pain Medicine and Recent advances.
63	Basic sciences as related to Psychiatry
64	Clinical Psychiatry
65	Psychiatry specialities
66	Recent advances
67	Basic Principles in practice of Radiotherapy (Physics, Biology, Pathology, Equipments & Techniques of Radiotherapy)
68	Clinical Radiation Oncology
69	Allied Oncology Practices (Surgical oncology, medical oncology & Palliative Care)
70	Recent Developments in Oncology, Cancer Control Programmes, Research methodologies in oncology
71	Basic sciences related to Radiology (consists of Anatomy, Pathology, Basic and Radiation Physics, Imaging Techniques, and Film processing).
72	Chest, CVS, CNS including Head & Neck, Eye, ENT, musculo-skeletal, pediatric radiology and Mammography.
73	Abdominal Imaging including GI, GU, Hepatobiliary, endocrine and metabolic, Obstetrics and Gynaecology and Interventional radiology
74	Recent advances, nuclear medicine; Radiology related to clinical specialties
75	General pulmonary medicine and basic sciences;
76	Clinical pulmonary medicine including medical emergencies;
77	Clinical pulmonary medicine including critical care medicine;
78	Recent advances in pulmonary medicine, and research methodology.
79	Basic Sciences
80	Principles and Practice of Surgery
81	Principles and practice of Operative Surgery
82	Recent advances in surgery
83	Obstetrics including social obstetrics and Diseases of New Born
84	Recent Advances in Obstetrics & Gynaecology
85	Applied Basic sciences.
86	Gynaecology including fertility regulation
87	Recent Advances in Ophthalmology and Community Ophthalmology

88	Basic Sciences related to Ophthalmology, Refraction & Optics
89	Clinical Ophthalmology
90	Systemic Diseases in Relation to Ophthalmology
91	Basic sciences as applied to the subject
92	Traumatology and Rehabilitation
93	Orthopaedic diseases
94	Recent advances in Orthopaedic surgery & General Surgery as applied to Orthopaedics
95	Basic Sciences related Otolaryngology
96	Principles and Practices of Otolaryngology
97	Recent advances in Otolaryngology and Head Neck surgery.
98	General Surgical Principles and Head-Neck Surgery.
99	Recent Advances in Surgical oncology
100	Basic Sciences
101	Principles and practice of surgical oncology-Head and neck, Thoracic cavity, GI Tract, sarcoma of tissue & bones, oncological emergencies, metastatic cancer
102	Principles and practice of surgical oncology-genito urinary system, Gynaecological cancer, breast cancer, cancer of endocrine system, Skin cancer
103	Basic Sciences as related to Neurology (includes anatomy, physiology, pathology, biochemistry, Pharmacology and genetics as applicable to neurology)
104	Clinical Neurology (includes all aspects of clinical neurology i.e. diagnosis, management, therapeutics, approach to clinical situations)
105	Investigative Neurology (includes all the investigative procedures i.e. electrophysiology, imaging, neuropathology, magneto-encephalography etc.)
106	Recent advances in Neurology (includes recent advances in neurosciences including genetics, immunology, therapeutics, pathophysiology etc.)
107	Neurosciences, Emergency Neurosurgery
108	Basic Neurosciences- Neuroanatomy, physiology, Neuro Pharmacology
109	Operative Neurosciences, Neuropathology, Neuro-microbiology, neuroradiology and Neurology
110	Recent Advances in Neurosciences including clinical Trials
111	Management theory and Organization Behaviour
112	Marketing of Hospitals and Health Care Services
113	Hospital Planning and Operations
114	Basic Medical Statistics and Research Methodology
115	Business Communication
116	Essentials of Computer Application
117	Human Resource Management
118	Management Information System in Hospitals
119	Accounting and Finance for Hospital managers
120	Inventory and equipment management in Hospitals
121	Concept of Health and Disease, Demography and Health Information
122	Quality Management in Hospitals
123	Project Management

124	Legal Implications in Hospital Administration
125	Epidemiology, Health Communication and Health Economics
126	Recent Trends and Advances in Hospital Management
127	Patient Safety
128	Career Advancement course for Managers
129	Project work
130	Biostatistics
131	General Biochemistry
132	Genetics; Molecular Biology
133	Introduction to Clinical Research
134	Bio medical, Bio analytical Techniques & Instrumentation
135	General Epidemiology
136	Spoken English
137	Clinical Trials
138	Pharmacology
139	Immunology
140	Basic Clinical Microbiology
141	IPR; Ethics
142	Clinical Data Management
143	Environmental & Regulatory Physiology
144	Basics of Pharmaceutics
145	Understanding the energy of positive words & thoughts/Power of Positive: Live
146	Population Studies
147	Introduction to Artificial Intelligence
148	Principle of Management
149	Gender inequality and gender studies
150	Intensive study of a Disease: Aetiology, Diagnostics & Therapeutics
151	Pharmacovigilance
152	Medical writing
153	Regulatory Affair
154	Analytical tools for Pharmaceuticals
155	Clinical Data Integration & Analysis
156	Clinical Trial Management
157	Big Data Management
158	Medical Coding
159	QC & QA Clinical Trials
160	Introduction to Healthcare Management
161	Pharmaceutical Business Development
162	Health Analytics
163	QC & QA in Pharmaceutics
164	Regulatory affairs: Manufacturing (Drugs and Medical devices)
165	Dissertation
166	Maternal and Child Health
167	English, communication and soft skills
168	Basic computer and information sciences
169	Introduction to quality and patient safety(including emergency care, BLS and biomedical waste)
170	Physiotherapy in orthopaedic and sports

171	Physiotherapy in general surgery and Medicine
172	Physiotherapy in neurology and psychosomatic conditions
173	Physiotherapy in cardiovascular, pulmonary & intensive care
174	Community Physiotherapy
175	Manual therapy
176	Sports therapy
177	Administration and Teaching skills
178	Patient management & care-I
179	Patient management & care-II
180	Human Anatomy-I
181	Human Physiology-I
182	Basic Radiation Physics-I
183	Human Anatomy-II
184	Human Physiology-II
185	Basic radiation Physics-II
186	Physics of diagnostic radiology
187	Radiography- I
188	Radiographic and special x-ray equipment
189	Quality assurance and radiation protection
190	Radiography- II
191	Regional Radiography- I
192	Radiological Procedure -I
193	Advanced Equipment and techniques -I
194	Regional Radiography- II
195	Radiological Procedure -II
196	Advanced Equipment and techniques -II
197	English, Communication & Soft Skills
198	Principles of cancer Control and Oncology Care-I
199	Health Care and Radiotherapy Ethics-I
200	Principles of cancer Control and Oncology Care-II
201	Health Care and Radiotherapy Ethics-II
202	English, Communication and soft skills
203	Basic computer and Information sciences
204	Basic Orthoptics
205	Optics
206	Clinical refraction and contact lens
207	Clinical orthoptics
208	Low visual aids
209	Advance contact lens
210	Advanced Low visual aids
211	English language and Communication
212	Yogic science and techniques
213	Basic Computer and Information Sciences
214	Environmental Science - I
215	Haematology & Clinical pathology - Applied
216	Quality Assurance in Clinical Biochemistry and Molecular Biology
217	Applied Microbiology and Advance techniques
218	Histology & Cytopathology - Advanced

219	Basic Biochemistry-1
220	General Bacteriology
221	Haematology & Clinical Pathology- Basics
222	Biophysics, Enzymology & Clinical Biochemistry
223	Instrumentation and Basic Immunology
224	Metabolisms and Vitamins
225	Systemic Bacteriology
226	Instrumentation in Biochemical analysis
227	Virology and mycology
228	Histology & Cytopathology - Advanced
229	Heme metabolism Endocrinology and organ function test
230	General Parasitology
231	clinical practical audiology
232	clinical practical speech language pathology
233	clinical practical audiology
234	clinical practical speech language pathology
235	Clinical practical audiology
236	Clinical practical speech language pathology
237	Clinical Speech Language pathology
238	English Language and communication
239	Basic computer sciences
240	Advanced Physiotherapeutic
241	Physiotherapeutics II (Practical)
242	Advanced physiotherapeutics I (practical)-Neurology
243	Advance Physiotherapeutics I (Practical)-Musculoskeletal
244	Musculoskeletal Disorders: Advanced Physiotherapeutics II (practical)
245	Yoga Practical – I
246	Yoga Practical – II
247	Yoga Practical – III
248	Yoga Practical – IV
249	Yoga Practical – V
250	Yoga Practical – VI
251	Holistic Health Practical
252	Yoga Practical – VII
253	Yoga Practical – VIII
254	Ayurveda Practical
255	Fundamentals of Naturopathy
256	Yoga Practical – IX
257	Naturopathy Practical
258	Internship-I
259	Elective-I Fundamentals of Homeopathy
260	Elective-II Applied Alternative Therapies
261	Yoga Practical – X
262	Yoga Field Work
263	Internship-II
264	Foundations of Yoga-I
265	Principles of Hatha Yoga– I
266	Human Anatomy and Physiology-I
267	Basics of Sanskrit
268	Human Anatomy and Physiology Practical-I

269	Foundations of Yoga-II
270	Principles of Hatha Yoga– II
271	Human Anatomy and Physiology-II
272	Human System According to Yoga
273	Human Anatomy and Physiology Practical-II
274	Patanjal Yoga Darshana – I
275	Yoga Education & Teaching Methodology
276	Holistic Health
277	Functional English
278	Patanjal Yoga Darshana – II
279	Yoga Psychology
280	Yoga Diet & Nutrition
281	Fundamentals of Ayurveda
282	Bhagavadgita
283	Yoga Principles & Practices of Healthy Living
284	Fundamentals of Biochemistry
285	Generic Elective –I
286	Applied Astrology, Vastu Shastra & Holistic Healing Methods
287	Generic Elective –II
288	Applied Astrology, Vastu Shastra & Holistic Healing Methods
289	Human Values, according to different Philosophical system
290	Yoga Management of Lifestyle related disorders
291	Fundamentals of Environmental Science
292	Yoga Practical - I
293	Yoga Practical - II
294	Fundamentals of Ayurveda and Naturopathy
295	Yoga Practical - III
296	Yoga Practical - IV
297	Yoga and Alternative Therapy
298	Yoga Practical - V
299	Research Methodology & Statistics
300	Yogic Management of Diseases
301	Elective I - Holistic Health
302	Foundations of Yoga
303	Human Consciousness
304	Human Anatomy and Physiology-I
305	Principles of Hatha Yoga
306	Patanjala Yoga Darshana
307	Human Anatomy and Physiology-II
308	Essence of Upanishad
309	Yoga Psychology
310	Indian Philosophy
311	Elective for M.Sc Elective I - Environmental Pollution and Human Health
312	Elective II - Applied Astrology, Vaastu Shastra & Holistic Healing Methods
313	Elective II - Basics of Computer
314	Case Study
315	Dissertation
316	Applied Sociology
317	Community Health Nursing I including Environmental Science & Epidemiology
318	Mental Health Nursing - II
319	Community Health Nursing - II

320	Communicative English
321	Applied Anatomy
322	Applied Physiology
323	Applied Psychology
324	Nursing Foundation - I including First Aid Module
325	Applied Biochemistry
326	Applied Nutrition and Dietetics
327	Nursing Foundation – II including Health Assessment
328	Health/ Nursing Informatics & Technology
329	Applied Microbiology and Infection Control including Safety
330	Pharmacology - I
331	Pathology - I
332	Adult Health Nursing - I with integrated pathophysiology including BCLS module
333	Pharmacology – II including Fundamentals of prescribing module
334	Pathology – II and Genetics
335	Adult Health Nursing - II with integrated pathophysiology including Geriatric nursing + Palliative care module
336	Professionalism, Professional values and Ethics including bioethics
337	Child health Nursing – I including Essential New born care (ENBC), FBNC, IMNCI and PLS, modules
338	Mental Health Nursing I
339	Educational Technology/ Nursing Education
340	Introduction to Forensic Nursing and Indian Laws
341	Child Health Nursing - II
342	Nursing Management & Leadership
343	Midwifery/Obstetrics and Gynecology (OBG) Nursing - I including SBA module
344	Nursing Research & Statistics
345	Midwifery/Obstetrics and Gynecology (OBG) Nursing - I including Safe delivery app module
346	Community Health Nursing – 4 weeks
347	Adult Health Nursing – 6 weeks
348	Child Health Nursing – 4 weeks
349	Mental Health Nursing – 4 weeks
350	Midwifery – 4 weeks
351	Community Health Nursing
352	Mental Health Nursing
353	Sociology
354	Biochemistry & Biophysics
355	Child Health Nursing
356	English
357	Maternal Nursing
358	Medical & Surgical Nursing
359	Microbiology
360	Nursing Foundation
361	Nutrition & Dietetics
362	Psychology
363	Introduction to Nursing Administration

364	Introduction to Nursing Education
365	Introduction to Nursing Research & Statistics
366	Environmental Science
367	Clinical Specialty - I:(ii) Community Health Nursing
368	Clinical Specialty - II: (ii) Community Health Nursing
369	Nursing Management
370	Advance Nursing Practice
371	Clinical Specialty - I: (i) Child Health Nursing
372	Clinical Specialty - I: (iii) Medial Surgical Nursing
373	Clinical Specialty - I: (iv) Mental Health (Psychiatric) Nursing
374	Clinical Specialty - I: (v) Obstetrics & Gynecological Nursing
375	Nursing Education
376	Nursing Research and Statistics
377	Clinical Specialty - II: (i) Paediatric (Child Health) Nursing
378	Clinical Specialty - II: (iii) Medical Surgical Nursing II: Cardio Vascular & Thoracic Nursing
379	Critical Care Nursing
380	Gastro Entrology Nursing
381	Nephro - Urology Nursing
382	Neurosciences Nursing
383	Oncology Nursing
384	Orthopedic Nursing
385	(iv) Psychiatric (Mental Health) Nursing
386	(v) Obstetrics & Gynecological Nursing
387	Advanced Health / Physical Assessment
388	Advanced Pathophysiology & Advanced Pharmacology relevant to Critical Care
389	Advanced skills in Leadership, Management and Teaching Skills
390	Research Application and Evidence Based Practice in Critical Care
391	Theoretical Basis for Advanced Nursing Practice
392	Critical Care Nursing – I
393	Critical Care Nursing – II
394	Foundation of Critical Care Nursing Practice
395	Research Dissertation & Viva
396	Elective-II Enzyme Technology
397	MIL/English Communication
398	Genetics
399	Elective-I I.P.R. and Entrepreneurship
400	Communicative English - II
401	Soft Skills-II
402	Undergraduate Research Project
403	Business Communication
404	Cost & Management Accounting
405	Marketing Management
406	Supply Chain Management
407	Total Quality Management
408	Counselling Skills For Managers
409	Cost Accounting
410	Soft Skills-II

411	Management Concepts & Organizational Behaviour
412	Spreadsheet Modelling Lab
413	Quantitative Techniques For Management
414	International Financial Management
415	Public Finance
416	Organizational Behaviour
417	Rural Marketing
418	Communication For Managers
419	Management Information Systems
420	Management Information System
421	Marketing Of Services
422	Financial Services
423	Environmental Studies
424	Programming for problem solving
425	Basic Electrical & Electronics Engineering
426	English
427	Human Values & Professional Ethics
428	Engineering Drawing
429	Workshop Practice
430	Yoga & Health
431	Sports & Activities
432	Applied Physics
433	Applied Mathematics-II
434	Applied Mathematics-III
435	Data Structures
436	Object Oriented Programming
437	Digital Logic Design
438	Effective Technical Communication
439	Industrial Sociology
440	Discrete Mathematical Structures
441	Computer Organization and Architecture
442	Web Technology
443	Data Base Management System
444	Software Engineering
445	Computer Graphics
446	Microprocessors & Peripheral Devices
447	Design and Analysis of Algorithms
448	Theory of Computation
449	Personality Development Programme-I
450	Artificial Intelligence
451	Compiler Design
452	Operating Systems
453	Computer Networks
454	Principles of Management
455	Personality Development Programme-II
456	Disaster Management
457	Cryptography & Network Security
458	Industrial Training/Certification
459	Project Work Phase - I
460	Personality Development Programme-III
461	Project Work Phase - II

462	Industry Based Learning Program
463	Core Elective I: Wireless Communication
464	Core Elective I: Advanced Concepts of Networking
465	Core Elective I: Graph Theory
466	Core Elective I: Software Testing
467	Core Elective I: Software Reliability
468	Core Elective I: Software Quality Management
469	Core Elective II: Service Oriented Architecture
470	Core Elective II: Semantic Web and Web Services
471	Core Elective II: Intrusion Detection Systems
472	Core Elective II: Introduction to Cyber Security
473	Core Elective III: Cloud computing
474	Core Elective III: Introduction to Internet of Things
475	Core Elective III: Big Data Management
476	Core Elective III: Natural Language Processing
477	Core Elective III: Machine Learning
478	Open Elective I: Digital Signal Processing
479	Open Elective I: Nano Sciences
480	Open Elective I: Operations Research
481	Open Elective II: Embedded System
482	Open Elective II: Biology
483	Open Elective II: Entrepreneurship Development
484	Computer Fundamentals and Information Technology
485	Calculus
486	Descriptive Statistics
487	Introduction to C Programming
488	Digital Electronics
489	English Language Skills
490	Environmental Studies
491	Human Values & Professional Ethics
492	Discrete Mathematics
493	Probability and Distribution Theory
494	Object Oriented Programming using C++
495	Data Structures
496	Data Warehousing and Mining
497	Disaster Management
498	Yoga & Health
499	Linear Algebra
500	Software Engineering
501	Database Management Systems
502	Introduction to Data Science using Python
503	Object Oriented Programming using Java
504	Personality Development Programme-I
505	Estimation and Inferential Statistics
506	Introduction to Artificial Intelligence
507	Applied Data Science using Python
508	Operating System
509	Design and Analysis of Algorithms
510	Personality Development Programme-II
511	Machine Learning for Data Science

512	Operations Research
513	NoSQL Databases
514	Project Work / Industry-Based Learning Program Phase-I
515	Introduction to Deep Learning
516	Business Intelligence Tools and Application
517	Project Work / Industry-Based Learning Program - Phase -II
518	Introduction to Bioinformatics
519	Introduction to Cloud Computing
520	Internet of Things (IoT)
521	Computer Vision
522	Introduction to Natural Language Processing
523	Product Development
524	Study Design & Health Data Management
525	Multivariate Analysis
526	Statistical Quality Control
527	Applied Regression & Time Series Analysis
528	Social Media Analytics
529	Fundamentals of Big Data Analytics
530	Data Visualization Techniques
531	Digital Image Processing
532	Cyber Security
533	Software Testing
534	Business Laws
535	Entrepreneurship Development
536	Business Economics And Financial Analysis
537	Financial Mathematics
538	Business Process Management
539	Digital Electronics
540	English Language & Communication Skills
541	Environmental Studies
542	Foundation Course in Mathematics-I
543	Principles and Practices of Management
544	Programming Concepts using C Language
545	Advanced Concepts of C programming
546	Data Communication and Computer Networks
547	Data Structures
548	English Language & Composition Skills
549	Foundation Course in Mathematics - II
550	Fundamentals of Accounting and Finance
551	Human Values & Professional Ethics
552	Yoga and Health
553	Sports and Activities
554	Computer Organization and Architecture
555	Discrete Mathematical Structures
556	Object Oriented Programming and Design
557	Operating Systems
558	Organizational Behaviour & Personnel Management
559	Personality Development Programme-I
560	Computer Based Numerical and Statistical Techniques
561	Database Management Systems

562	Design and Analysis of Algorithm
563	Programming in JAVA
564	E-Commerce
565	Personality Development Programme-II
566	Software Engineering
567	Programming in VB.Net
568	Management Information Systems
569	Optimization Techniques
570	Web Technology
571	Disaster Management
572	Project Work Phase-I
573	Personality Development Programme-III
574	Web Development using PHP
575	Computer Graphics
576	Network Security
577	Project Work Phase-II
578	Personality Development Programme-IV
579	E-Governance
580	Mobile Computing
581	Cloud Computing
582	Distributed Computing
583	Introduction to Cyber Security
584	Computer Fundamentals & Programming for problem solving
585	Discrete Mathematics
586	Computer Organization and Architecture
587	Computer Networks
588	Scripting Languages
589	Software Engineering & Project Management
590	Personality Development Programme-I
591	Data Base Management Systems
592	Data Structures Using 'C'
593	OOP using Java
594	Operating Systems
595	Theory of Automata
596	Personality Development Programme-II
597	Design and Analysis of Algorithms
598	Compiler Design
599	(Dot). Net Frame Work & C#
600	Computer Graphics
601	Project Work Phase-I
602	Personality Development Programme-III
603	Project Work Phase-II
604	Elective I: Intrusion Detection System
605	Elective I: Introduction to Cyber Security
606	Elective I: Network Security and Cryptography
607	Elective I: Database Security
608	Elective II: Cloud Computing
609	Elective II: Mobile computing
610	Elective II: Introduction to Internet of Things
611	Elective II: Grid Computing
612	Elective II: Android Programming

613	Elective III: Information Retrieval
614	Elective III: Big Data Management
615	Elective III: Natural language Processing
616	Elective III: Machine Learning

GOAL 5:
GENDER EQUALITY

S.No	Courses
1	Forensic medicine & toxicology
2	Community medicine
3	General Medicine and allied
4	Obst. & Gynae.
5	Human Anatomy
6	Physiology
7	Pharmacology
8	Pathology
9	Gross Anatomy, Embryology, Microscopic Anatomy of human body above the diaphragm with Radiological Anatomy & Body Preservation
10	Gross Anatomy, Embryology, Microscopic Anatomy of human body below the diaphragm with General (Embryology & Microscopic) Anatomy
11	Neuroanatomy & Genetics
12	Basic sciences as applied to the subject (General and Cellular Physiology including Genetic basis and historical perspectives)
13	Systemic Physiology (system providing transport, nutrition and energy) including comparative Physiology
14	Systemic Physiology (system concerned with regulation, neural control and procreation)
15	Recent advances in the subject (including applied Physiology)
16	Basic sciences as applied to Pharmacology
17	Systemic Pharmacology
18	Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non- Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Biostatistics.
19	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
20	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
21	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
22	Basic Sciences in as applied to the subject
23	Therapeutics and tropical medicine
24	Systemic medicine of all organ systems
25	Recent advances in General Medicine
26	Basic Sciences as applied to pediatrics
27	General paediatrics

28	Systemic paediatrics
29	Recent advances
30	Basic Science as applied to Dermatology, STDs and Leprosy
31	Dermatology
32	STD & Leprosy
33	Recent advances in field of Dermatology, Applied Sciences pertaining to skin /VD & internal medicine and skin
34	Practice of Anaesthesia: Anaesthesia in relation to associated systemic and medical diseases.
35	Anaesthesia in relation to subspecialties/super specialties
36	Intensive Care Medicine, Pain Medicine and Recent advances.
37	Basic sciences as related to Psychiatry
38	Clinical Psychiatry
39	Psychiatry specialities
40	Recent advances
41	Basic Principles in practice of Radiotherapy (Physics, Biology, Pathology, Equipments & Techniques of Radiotherapy)
42	Clinical Radiation Oncology
43	Allied Oncology Practices (Surgical oncology, medical oncology & Palliative Care)
44	Recent Developments in Oncology, Cancer Control Programmes, Research methodologies in oncology
45	General pulmonary medicine and basic sciences;
46	Clinical pulmonary medicine including medical emergencies;
47	Clinical pulmonary medicine including critical care medicine;
48	Recent advances in pulmonary medicine, and research methodology.
49	Marketing of Hospitals and Health Care Services
50	Hospital Planning and Operations
51	Human Resource Management
52	Epidemiology, Health Communication and Health Economics
53	Patient Safety
54	Career Advancement course for Managers
55	General Epidemiology
56	Gender inequality and gender studies
57	Demography & Population Studies
58	Geriatric and Adolescent Health
59	Maternal and Child Health
60	Human Anatomy - I
61	English, communication and soft skills
62	Basic computer and information sciences
63	Medical Physiotherapy law and ethics
64	Community medicine
65	Professionalism and values
66	Health promotion and fitness
67	Biostatistics and Research methodology
68	Critique inquiry, case presentation and discussion
69	Administration and Teaching skills
70	Basic Radiation Physics-I
71	English, communication and soft skills
72	Basic Computer and Information Sciences
73	Quality assurance and radiation protection
74	Human Anatomy I

75	Human Anatomy-II
76	English, Communication & Soft Skills
77	Environmental Science - I
78	Environmental Science -II
79	Human Anatomy-I
80	Human Physiology-I
81	Human Anatomy-II
82	Human physiology-II
83	Introduction to Quality, Patient safety and Patient care - II
84	Considerations in special surgical procedures (General surgery, Obstetrics and gynae, ENT, Ortho)
85	Community optometry
86	Eye banking and OT management
87	English language and Communication
88	Yogic science and techniques
89	Basic Computer and Information Sciences
90	Haematology & Clinical pathology - Applied
91	Quality Assurance in Clinical Biochemistry and Molecular Biology
92	English Language and communication
93	Basic computer sciences
94	Professional practice in Physiotherapy
95	Yoga Practical – V
96	Yoga Practical – VI
97	Holistic Health Practical
98	Yoga Practical – VII
99	Yoga Practical – VIII
100	Ayurveda Practical
101	Fundamentals of Naturopathy
102	Yoga Practical – IX
103	Naturopathy Practical
104	Internship-I
105	Elective-I Fundamentals of Homeopathy
106	Elective-II Applied Alternative Therapies
107	Yoga Practical – X
108	Yoga Field Work
109	Internship-II
110	Human Anatomy and Physiology-I
111	Human Anatomy and Physiology Practical-I
112	Human Anatomy and Physiology-II
113	Human Anatomy and Physiology Practical-II
114	Yoga Education & Teaching Methodology
115	Yoga Psychology
116	Yoga Diet & Nutrition
117	Fundamentals of Ayurveda
118	Bhagavadgita
119	Yoga Principles & Practices of Healthy Living
120	Applied Astrology, Vastu Shastra & Holistic Healing Methods
121	Applied Astrology, Vastu Shastra & Holistic Healing Methods
122	Yoga Management of Lifestyle related disorders
123	Fundamentals of Ayurveda and Naturopathy
124	Yoga Practical - III

125	Yoga Practical - IV
126	Yoga and Alternative Therapy
127	Yoga Practical - V
128	Research Methodology & Statistics
129	Yogic Management of Diseases
130	Elective I - Holistic Health
131	Human Anatomy and Physiology-I
132	Human Anatomy and Physiology-II
133	Yoga Psychology
134	Elective II - Applied Astrology, Vaastu Shastra & Holistic Healing Methods
135	Applied Sociology
136	Applied Psychology
137	Nursing Foundation – II including Health Assessment
138	Mental Health Nursing I
139	Introduction to Forensic Nursing and Indian Laws
140	Midwifery/Obstetrics and Gynecology (OBG) Nursing - I including SBA module
141	Midwifery/Obstetrics and Gynecology (OBG) Nursing - I including Safe delivery app module
142	Mental Health Nursing
143	Sociology
144	Maternal Nursing
145	Introduction to Nursing Administration
146	Nursing Management
147	Advance Nursing Practice
148	Clinical Specialty - I: (i) Child Health Nursing
149	Clinical Specialty - I: (v) Obstetrics & Gynecological Nursing
150	Clinical Specialty - II: (i) Paediatric (Child Health) Nursing
151	(v) Obstetrics & Gynecological Nursing
152	Environment Studies
153	Macro Economics
154	Communicative English - II
155	Spreadsheet Modelling Lab
156	Management Of Financial Services
157	Communicative English - IV
158	Soft Skills-II
159	Business Policy & Strategic Management
160	Entrepreneurship Development
161	Integrated Marketing Communication
162	Undergraduate Research Project
163	Business Communication
164	Marketing Management
165	Total Quality Management
166	Business Communication
167	Business Statistics
168	Company Law
169	Cost Accounting
170	Human Resource Management
171	Corporate Accounting
172	Communicative English - IV

173	Soft Skills-II
174	Auditing & Assurance Practices
175	Soft Skills - III
176	Management Concepts & Organizational Behaviour
177	International Financial Management
178	Statistics For Managers
179	Management Science
180	Organizational Behaviour
181	Spreadsheet Modelling Lab
182	International Business
183	Business Ethics
184	Integrated Marketing Communications
185	Rural Marketing
186	Security Analyses And Portfolio Management
187	Performance Management
188	Management Information Systems
189	Financial Services
190	Human Values & Professional Ethics
191	Personality Development Programme-I
192	Personality Development Programme-II
193	Personality Development Programme-III
194	Human Values & Professional Ethics
195	Personality Development Programme-I
196	Personality Development Programme-II
197	Human Values & Professional Ethics
198	Personality Development Programme-I
199	Personality Development Programme-II
200	Personality Development Programme-III
201	Personality Development Programme-IV
202	Personality Development Programme-I
203	Personality Development Programme-II
204	Personality Development Programme-III

GOAL 6:

CLEAN WATER AND SANITATION

S.No	Courses
1	Community medicine
2	Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non- Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Biostatistics.
3	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
4	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.

5	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
6	Therapeutics and tropical medicine
7	Recent advances in General Medicine
8	Hospital Planning and Operations
9	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
10	Environment and occupational epidemiology
11	Environmental science -I
12	Environmental science -II
13	Community medicine
14	Community Physiotherapy
15	Environmental Science - I
16	Environmental Science -II
17	Environmental Sciences-I
18	Environmental science-II
19	Environmental Science- I
20	Environmental Science- II
21	Environmental Science - I
22	Environmental Science - II
23	Applied Microbiology and Advance techniques
24	Systemic Bacteriology
25	Hematology & Blood Banking - Basics
26	Instrumentation in Biochemical analysis
27	Virology and mycology
28	Histology & Cytopathology - Advanced
29	Heme metabolism Endocrinology and organ function test
30	General Parasitology
31	Environmental science-I
32	Environmental Science-II
33	Human Anatomy and Physiology-I
34	Human Anatomy and Physiology Practical-I
35	Human Anatomy and Physiology-II
36	Human Anatomy and Physiology Practical-II
37	Fundamentals of Environmental Science
38	Fundamentals of Ayurveda and Naturopathy
39	Human Anatomy and Physiology-I
40	Human Anatomy and Physiology-II
41	Elective for M.Sc Elective I - Environmental Pollution and Human Health
42	Community Health Nursing I including Environmental Science & Epidemiology
43	Environmental Science
44	Clinical Specialty - I:(ii) Community Health Nursing
45	Clinical Specialty - II: (ii) Community Health Nursing
46	Environmental Sciences
47	Elective-I Energy & Environment
48	Environmental Biotechnology
49	Elective-Industrial Waste Management
50	Elective-Advanced Environmental Biotechnology
51	Elective- Energy & Environment
52	Practical Elective-Advanced Environmental Biotechnology
53	Practical Elective- Energy & Environment

54	Elective-Industrial Waste Management
55	Elective-Soil and Agriculture Microbiology
56	Practical Elective-Industrial Waste Management
57	Practical Elective-Soil and Agriculture Microbiology
58	Spreadsheet Modelling Lab
59	Business Policy & Strategic Management
60	Business Mathematics
61	Production Management
62	Industrial Relations & Labour Laws
63	Business Communication
64	Human Resource Management
65	Auditing & Assurance Practices
66	Micro Economics
67	Commercial Banking
68	Spreadsheet Modelling Lab
69	Security Analyses And Portfolio Management
70	Cost & Management Accounting
71	Mergers And Acquisitions
72	Environmental Studies

GOAL 7:

AFFORDABLE AND CLEAN ENERGY

S.No	Courses
1	Community medicine
2	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
3	Hospital Planning and Operations
4	Environment and occupational epidemiology
5	Environmental science -I
6	Environmental science -II
7	Environmental Science - I
8	Environmental Science -II
9	Environmental Science- I
10	Environmental Science- II
11	Environmental Science - I
12	Environmental Science - II
13	Environmental science-I
14	Environmental Science-II
15	Fundamentals of Environmental Science
16	Elective for M.Sc Elective I - Environmental Pollution and Human Health
17	Community Health Nursing I including Environmental Science & Epidemiology
18	Environmental Science
19	Clinical Specialty - II: (ii) Community Health Nursing
20	Elective- Energy & Environment
21	Elective-Industrial Waste Management
22	Practical Elective-Industrial Waste Management

23	Business Finance
24	Introduction To Entrepreneurship
25	Business Mathematics
26	Income Tax Laws & Practice
27	Introduction To Entrepreneurship
28	Career Advancement Course For Managers – II
29	Financial Institutions And Markets
30	Environmental Studies
31	Environmental Studies
32	Environmental Studies

GOAL 8:

DECENT WORK AND ECONOMIC GROWTH

S.No	Courses
1	Community medicine
2	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
3	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
4	Hospital Planning and Operations
5	Accounting and Finance for Hospital managers
6	Inventory and equipment management in Hospitals
7	Concept of Health and Disease, Demography and Health Information
8	Quality Management in Hospitals
9	Project Management
10	Recent Trends and Advances in Hospital Management
11	Patient Safety
12	Career Advancement course for Managers
13	Project work
14	Dissertation
15	Health Care Planning and Management including Health Economics & Budgeting
16	Maternal and Child Health
17	Manual therapy
18	Sports therapy
19	English, Communication & Soft Skills
20	Health Care and Radiotherapy Ethics-I
21	Health Care and Radiotherapy Ethics-II
22	English, Communication and soft skills
23	Introduction to Yoga - Basic theory, Sciences and techniques
24	Basic computer and Information sciences
25	Community optometry
26	English language and Communication

27	Yogic science and techniques
28	Basic Computer and Information Sciences
29	Environmental Science - I
30	Environmental Science - II
31	Haematology & Clinical pathology - Applied
32	Metabolisms and Vitamins
33	Hematology & Blood Banking - Basics
34	Virology and mycology
35	Histology & Cytopathology - Advanced
36	Heme metabolism Endocrinology and organ function test
37	General Parasitology
38	Audiology in practice
39	Yoga Science and techniques
40	Yoga Practical – I
41	Yoga Practical – II
42	Yoga Practical – III
43	Yoga Practical – IV
44	Yoga Practical – V
45	Yoga Practical – VI
46	Holistic Health Practical
47	Yoga Practical – VII
48	Yoga Practical – VIII
49	Ayurveda Practical
50	Fundamentals of Naturopathy
51	Yoga Practical – IX
52	Naturopathy Practical
53	Internship-I
54	Elective-I Fundamentals of Homeopathy
55	Elective-II Applied Alternative Therapies
56	Yoga Practical – X
57	Yoga Field Work
58	Internship-II
59	Foundations of Yoga-I
60	Principles of Hatha Yoga– I
61	Human Anatomy and Physiology-I
62	Basics of Sanskrit
63	Human Anatomy and Physiology Practical-I
64	Foundations of Yoga-II
65	Principles of Hatha Yoga– II
66	Human Anatomy and Physiology-II
67	Human System According to Yoga
68	Human Anatomy and Physiology Practical-II
69	Patanjal Yoga Darshana – I
70	Yoga Education & Teaching Methodology
71	Holistic Health
72	Functional English
73	Patanjal Yoga Darshana – II
74	Yoga Psychology
75	Yoga Diet & Nutrition
76	Fundamentals of Ayurveda

77	Bhagavadgita
78	Yoga Principles & Practices of Healthy Living
79	Fundamentals of Biochemistry
80	Generic Elective –I
81	Applied Astrology, Vastu Shastra & Holistic Healing Methods
82	Generic Elective –II
83	Applied Astrology, Vastu Shastra & Holistic Healing Methods
84	Human Values, according to different Philosophical system
85	Yoga Management of Lifestyle related disorders
86	Fundamentals of Environmental Science
87	Yoga Practical - I
88	Yoga Practical - II
89	Fundamentals of Ayurveda and Naturopathy
90	Yoga Practical - III
91	Yoga Practical - IV
92	Yoga and Alternative Therapy
93	Yoga Practical - V
94	Research Methodology & Statistics
95	Yogic Management of Diseases
96	Elective I - Holistic Health
97	Foundations of Yoga
98	Human Consciousness
99	Human Anatomy and Physiology-I
100	Principles of Hatha Yoga
101	Patanjala Yoga Darshana
102	Human Anatomy and Physiology-II
103	Essence of Upanishad
104	Yoga Psychology
105	Indian Philosophy
106	Elective for M.Sc Elective I - Environmental Pollution and Human Health
107	Elective II - Applied Astrology, Vaastu Shastra & Holistic Healing Methods
108	Elective II - Basics of Computer
109	Case Study
110	Dissertation
111	Applied Sociology
112	Sociology
113	Clinical Specialty - I:(ii) Community Health Nursing
114	Nursing Management
115	Clinical Specialty - I: (i) Child Health Nursing
116	Clinical Specialty - I: (iv) Mental Health (Psychiatric) Nursing
117	Theoretical Basis for Advanced Nursing Practice
118	Macro Economics
119	Communicative English - IV
120	Integrated Marketing Communication
121	Financial Accounting
122	Cost & Management Accounting
123	Business Finance
124	Research Methodology

125	Supply Chain Management
126	Introduction To Entrepreneurship
127	Consumer Behaviour
128	Counselling Skills For Managers
129	Company Law
130	Communicative English - IV
131	Business Mathematics
132	Communicative English - I
133	Spreadsheet Modelling Lab
134	Income Tax Laws & Practice
135	Research Methodology
136	Quantitative Techniques For Management
137	Introduction To Entrepreneurship
138	Insurance Management
139	Public Finance
140	Financial Analysis
141	Management Science
142	Integrated Marketing Communications
143	Communication For Managers
144	Career Advancement Course For Managers – II
145	Financial Management
146	Management Information System
147	Corporate Legal Environment
148	Marketing Of Services
149	Financial Institutions And Markets
150	Compensation Management
151	Programming for problem solving
152	Data Structures
153	Object Oriented Programming
154	Effective Technical Communication
155	Web Technology
156	Data Base Management System
157	Computer Graphics
158	Compiler Design
159	Operating Systems
160	Computer Networks
161	Principles of Management
162	Industrial Training/Certification
163	Project Work Phase - I
164	Project Work Phase - II
165	Core Elective I: Wireless Communication
166	Core Elective I: Advanced Concepts of Networking
167	Core Elective II: Introduction to Cyber Security
168	Core Elective III: Cloud computing
169	Core Elective III: Introduction to Internet of Things
170	Core Elective III: Machine Learning
171	Open Elective II: Entrepreneurship Development
172	English Language Skills
173	Object Oriented Programming using C++
174	Data Structures
175	Software Engineering

176	Database Management Systems
177	Introduction to Data Science using Python
178	Object Oriented Programming using Java
179	Personality Development Programme-I
180	Introduction to Artificial Intelligence
181	Applied Data Science using Python
182	Design and Analysis of Algorithms
183	Personality Development Programme-II
184	Machine Learning for Data Science
185	NoSQL Databases
186	Project Work / Industry-Based Learning Program Phase-I
187	Project Work / Industry-Based Learning Program - Phase -II
188	Introduction to Cloud Computing
189	Internet of Things (IoT)
190	Product Development
191	Social Media Analytics
192	Fundamentals of Big Data Analytics
193	Data Visualization Techniques
194	Digital Image Processing
195	Entrepreneurship Development
196	Business Economics And Financial Analysis
197	Business Process Management
198	Principles and Practices of Management
199	Programming Concepts using C Language
200	Advanced Concepts of C programming
201	Data Communication and Computer Networks
202	Data Structures
203	English Language & Composition Skills
204	Fundamentals of Accounting and Finance
205	Object Oriented Programming and Design
206	Operating Systems
207	Organizational Behaviour & Personnel Management
208	Database Management Systems
209	Design and Analysis of Algorithm
210	Software Engineering
211	Management Information Systems
212	Web Technology
213	Project Work Phase-I
214	Web Development using PHP
215	Network Security
216	Project Work Phase-II
217	Mobile Computing
218	Cloud Computing
219	Introduction to Cyber Security
220	Computer Fundamentals & Programming for problem solving
221	Computer Organization and Architecture
222	Computer Networks
223	Software Engineering & Project Management
224	Data Base Management Systems

225	Data Structures Using 'C'
226	OOP using Java
227	Operating Systems
228	Design and Analysis of Algorithms
229	Compiler Design
230	(Dot). Net Frame Work & C#
231	Computer Graphics
232	Project Work Phase-I
233	Project Work Phase-II
234	Elective I: Introduction to Cyber Security
235	Elective I: Network Security and Cryptography
236	Elective I: Database Security
237	Elective II: Cloud Computing
238	Elective II: Mobile computing
239	Elective II: Introduction to Internet of Things
240	Elective II: Android Programming
241	Elective III: Big Data Management
242	Elective III: Natural language Processing
243	Elective III: Machine Learning

GOAL 9:

INDUSTRY, INNOVATION, TECHNOLOGY AND INFRASTRUCTURE

S.No .	Courses
1	Basic principles and practice of clinical biochemistry, Biochemical analytes, Assessment of organ system functions, and Recent advances in biochemistry
2	Recent advances in the subject
3	Recent Advances & Applied Microbiology (AM).
4	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
5	Intensive Care Medicine, Pain Medicine and Recent advances.
6	Recent advances in pulmonary medicine, and research methodology.
7	Recent advances in surgery
8	Recent Advances in Surgical oncology
9	Recent Advances in Neurosciences including clinical Trials
10	Hospital Planning and Operations
11	Essentials of Computer Application
12	Management Information System in Hospitals
13	Recent Trends and Advances in Hospital Management
14	Patient Safety
15	Introduction to Clinical Research
16	Bio medical, Bio analytical Techniques & Instrumentation
17	Clinical Trials
18	Clinical Data Management
19	Basics of Pharmaceuticals
20	Introduction to Artificial Intelligence

21	Intensive study of a Disease: Aetiology, Diagnostics & Therapeutics
22	Clinical Trial Management
23	QC & QA Clinical Trials
24	Introduction to Healthcare Management
25	Pharmaceutical Business Development
26	Health Analytics
27	Dissertation
28	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
29	Environment and occupational epidemiology
30	English, communication and soft skills
31	Basic computer and information sciences
32	Biostatistics and Research methodology
33	Evaluation methods & Outcome Measures
34	Project Work
35	Radiation Physics-I
36	Radiation Physics-II
37	Simulation and Mould Room Techniques-I
38	External Beam Radiotherapy techniques-I
39	Simulation and Mould Room Techniques-II
40	External Beam Radiotherapy techniques-II
41	Brachytherapy & Nuclear medicine -I
42	Advanced radiotherapy techniques-I
43	Brachytherapy & Nuclear medicine -II
44	Advanced radiotherapy techniques-II
45	Basic Intensive Care , Man Power resource, Fire safety and Instrument maintenance
46	Speciality Anaesthesia
47	English language and Communication
48	Basic Computer & Information Sciences
49	English language and Communication
50	Environmental Science - I
51	Environmental Science - II
52	Haematology & Clinical pathology - Applied
53	Quality Assurance in Clinical Biochemistry and Molecular Biology
54	Basic Biochemistry-I
55	General Bacteriology
56	Haematology & Clinical Pathology- Basics
57	Biophysics, Enzymology & Clinical Biochemistry
58	Instrumentation and Basic Immunology
59	Systemic Bacteriology
60	Hematology & Blood Banking - Basics
61	Instrumentation in Biochemical analysis
62	Virology and mycology
63	Histology & Cytopathology - Advanced
64	General Parasitology
65	Acoustic & Electronics
66	Neurology
67	Speech language pathology
68	Audiology
69	Amplification devices

70	Implantable Hearing devices
71	Audiology in practice
72	English Language and communication
73	Basic computer sciences
74	Yoga Practical – I
75	Yoga Practical – II
76	Yoga Practical – III
77	Yoga Practical – IV
78	Yoga Practical – V
79	Yoga Practical – VI
80	Holistic Health Practical
81	Yoga Practical – VII
82	Yoga Practical – VIII
83	Ayurveda Practical
84	Fundamentals of Naturopathy
85	Yoga Practical – IX
86	Naturopathy Practical
87	Internship-I
88	Elective-I Fundamentals of Homeopathy
89	Elective-II Applied Alternative Therapies
90	Yoga Practical – X
91	Yoga Field Work
92	Internship-II
93	Foundations of Yoga-I
94	Principles of Hatha Yoga– I
95	Basics of Sanskrit
96	Foundations of Yoga-II
97	Principles of Hatha Yoga– II
98	Patanjal Yoga Darshana – I
99	Yoga Education & Teaching Methodology
100	Patanjal Yoga Darshana – II
101	Yoga Psychology
102	Yoga Diet & Nutrition
103	Fundamentals of Ayurveda
104	Bhagavadgita
105	Yoga Principles & Practices of Healthy Living
106	Fundamentals of Biochemistry
107	Generic Elective –I
108	Applied Astrology, Vastu Shastra & Holistic Healing Methods
109	Applied Astrology, Vastu Shastra & Holistic Healing Methods
110	Yoga Management of Lifestyle related disorders
111	Fundamentals of Environmental Science
112	Yoga Practical - I
113	Yoga Practical - II
114	Fundamentals of Ayurveda and Naturopathy
115	Yoga Practical - III
116	Yoga Practical - IV
117	Yoga Practical - V
118	Yogic Management of Diseases
119	Elective I - Holistic Health
120	Foundations of Yoga

121	Human Consciousness
122	Principles of Hatha Yoga
123	Patanjala Yoga Darshana
124	Essence of Upanishad
125	Indian Philosophy
126	Elective for M.Sc Elective I - Environmental Pollution and Human Health
127	Elective II - Basics of Computer
128	Case Study
129	Dissertation
130	Community Health Nursing - II
131	Health/ Nursing Informatics & Technology
132	Nursing Research & Statistics
133	Community Health Nursing
134	Introduction to Nursing Research & Statistics
135	Clinical Specialty - I:(ii) Community Health Nursing
136	Advance Nursing Practice
137	Nursing Research and Statistics
138	Clinical Specialty - II: (iii) Medical Surgical Nursing II: Cardio Vascular & Thoracic Nursing
139	Critical Care Nursing
140	Gastro Entrology Nursing
141	Nephro - Urology Nursing
142	Neurosciences Nursing
143	Oncology Nursing
144	Orthopedic Nursing
145	Research Application and Evidence Based Practice in Critical Care
146	Industrial Biotechnology
147	Cell Biology
148	Instrumentation and Bio-analytical techniques
149	General Biochemistry
150	Molecular Biology
151	Enzymology
152	Recombinant DNA Technology
153	Plant Biotechnology
154	Elective-II Molecular Diagnostics
155	Elective-II Nano Biotechnology
156	Elective-II Enzyme Technology
157	Food Fermentation Techniques
158	Elective-III Bioprocess Engineering
159	Elective-III Food Biotechnology
160	Elective-Molecular Farming
161	Elective-Downstream Processing
162	Microbiology
163	Cell Biology
164	Instrumentation and Bio-analytical techniques
165	General Biochemistry
166	Molecular Biology
167	Elective-I Soil & Agricultural Microbiology
168	Elective-I Microbial Quality Control in Food and Pharmaceutical Industries

169	Recombinant DNA Technology
170	Food Fermentation Techniques
171	Industrial Microbiology
172	Elective-Food & Dairy Microbiology
173	Microbiology
174	Cell & Molecular Biology
175	Biochemical & Analytical Techniques
176	Enzymology and Enzyme technology
177	Recombinant DNA Technology
178	Elective- Cell Culture Technology
179	Elective- Animal Biotechnology
180	Elective- Molecular Pharmacology
181	Elective- Industrial Biochemistry
182	Practical Elective- Industrial Biochemistry
183	Research Project/Dissertation
184	Microbiology
185	Cell & Molecular Biology
186	Biochemical & Analytical Techniques
187	Enzymology and Protein Engineering
188	Recombinant DNA Technology
189	Practical- Enzymology and Protein Engineering
190	Practical- Recombinant DNA Technology
191	Pharmaceutical Biotechnology
192	Elective-Agrobiotechnology
193	Elective-Metabolic engineering
194	Elective- Microbial technology
195	Elective- Nano Biotechnology
196	Practical Elective-Agrobiotechnology
197	Practical Elective-Metabolic engineering
198	Practical Elective- Microbial technology
199	Practical Elective- Nano Biotechnology
200	Research Project/Dissertation
201	Microbiology
202	Cell & Molecular Biology
203	Biochemical & Analytical Techniques
204	Practical- Microbiology
205	Practical- Bioenergetics & Metabolism
206	Practical- Biochemical & Analytical Techniques
207	Immunology
208	Recombinant DNA Technology
209	Practical- Recombinant DNA Technology
210	Pharmaceutical Microbiology
211	Industrial Microbiology
212	Food & Dairy Microbiology
213	Elective -Microbial Technology
214	Elective-Bioprocess Technology
215	Practical Elective -Microbial Technology
216	Practical Elective-Nano Biotechnology
217	Practical Elective-Bioprocess Technology
218	Research Project/Dissertation
219	Macro Economics

220	Spreadsheet Modelling Lab
221	Human Resource Management
222	Communicative English - IV
223	Business Policy & Strategic Management
224	Professional Salesmanship
225	Integrated Marketing Communication
226	Cost & Management Accounting
227	Supply Chain Management
228	Counselling Skills For Managers
229	Business Communication
230	Financial Accounting
231	Company Law
232	Human Resource Management
233	Marketing Management
234	Communicative English - IV
235	Auditing & Assurance Practices
236	Investment Management
237	Spreadsheet Modelling Lab
238	Quantitative Techniques For Management
239	Public Finance
240	Management Science
241	Spreadsheet Modelling Lab
242	Business Research
243	Integrated Marketing Communications
244	Security Analyses And Portfolio Management
245	Working Capital Management
246	Communication For Managers
247	Management Information System
248	Marketing Of Services
249	Programming for problem solving
250	Engineering Drawing
251	Workshop Practice
252	Data Base Management System
253	Design and Analysis of Algorithms
254	Artificial Intelligence
255	Computer Networks
256	Cryptography & Network Security
257	Industry Based Learning Program
258	Core Elective III: Introduction to Internet of Things
259	Core Elective III: Big Data Management
260	Core Elective III: Machine Learning
261	Open Elective I: Digital Signal Processing
262	Open Elective I: Operations Research
263	Open Elective II: Entrepreneurship Development
264	Object Oriented Programming using C++
265	Introduction to Data Science using Python
266	Object Oriented Programming using Java
267	Introduction to Artificial Intelligence
268	Applied Data Science using Python
269	Design and Analysis of Algorithms
270	Machine Learning for Data Science

271	Operations Research
272	Project Work / Industry-Based Learning Program Phase-I
273	Introduction to Deep Learning
274	Business Intelligence Tools and Application
275	Project Work / Industry-Based Learning Program - Phase -II
276	Introduction to Cloud Computing
277	Internet of Things (IoT)
278	Introduction to Natural Language Processing
279	Product Development
280	Multivariate Analysis
281	Social Media Analytics
282	Fundamentals of Big Data Analytics
283	Data Visualization Techniques
284	Digital Image Processing
285	Entrepreneurship Development
286	Design and Analysis of Algorithm
287	Optimization Techniques
288	Cloud Computing
289	Software Engineering & Project Management
290	Design and Analysis of Algorithms
291	Computer Graphics
292	Project Work Phase-II
293	Elective I: Network Security and Cryptography
294	Elective I: Database Security
295	Elective II: Cloud Computing
296	Elective II: Introduction to Internet of Things
297	Elective III: Big Data Management
298	Elective III: Natural language Processing
299	Elective III: Machine Learning

GOAL 10:

REDUCED INEQUALITY

S.No	Courses
1	Community medicine
2	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
3	Recent advances
4	Hospital Planning and Operations
5	Human Resource Management
6	Geriatric and Adolescent Health
7	English, communication and soft skills
8	Basic computer and information sciences
9	Medical Physiotherapy law and ethics
10	Community medicine
11	Professionalism and values
12	Health promotion and fitness
13	Biostatistics and Research methodology

14	Community Physiotherapy
15	Basic Computer and Information Sciences
16	Environmental Science - I
17	Environmental Science - II
18	Haematology & Clinical pathology - Applied
19	Quality Assurance in Clinical Biochemistry and Molecular Biology
20	Basic Biochemistry-I
21	General Bacteriology
22	Haematology & Clinical Pathology- Basics
23	Instrumentation and Basic Immunology
24	Histology and Cytolopathology - Basics
25	Metabolisms and Vitamins
26	Hematology & Blood Banking - Basics
27	Instrumentation in Biochemical analysis
28	Histology & Cytopathology - Advanced
29	Heme metabolism Endocrinology and organ function test
30	General Parasitology
31	Implantable Hearing devices
32	Audiology in practice
33	Professional practice in Physiotherapy
34	Applied Sociology
35	Community Health Nursing I including Environmental Science & Epidemiology
36	Sociology
37	Advance Nursing Practice
38	Spreadsheet Modelling Lab
39	Business Policy & Strategic Management
40	Business Communication
41	Marketing Management
42	Total Quality Management
43	Business Communication
44	Human Resource Management
45	Auditing & Assurance Practices
46	Management Concepts & Organizational Behaviour
47	International Financial Management
48	Spreadsheet Modelling Lab
49	Security Analyses And Portfolio Management
50	Management Information Systems
51	Financial Services
52	Human Values & Professional Ethics
53	Human Values & Professional Ethics

GOAL 11:

SUSTAINABLE CITIES AND COMMUNITIES

S.No.	Courses
1	Hospital Planning and Operations
2	Environment and occupational epidemiology
3	Epidemiology of Common Diseases
4	Introduction to healthcare delivery system in India
5	Introduction to Yoga, basic theory, Science and Technique

6	Introduction to quality and patient safety(including emergency care, BLS and biomedical waste)
7	Environmental science -I
8	Environmental science -II
9	Community medicine
10	Community Physiotherapy
11	Environmental Sciences-I
12	Environmental science-II
13	Environmental Science- I
14	Environmental Science- II
15	Community optometry
16	Environmental Science - I
17	Audiology in practice
18	Environmental science-I
19	Basic computer sciences
20	Neurological Disorders: Physiotherapeutics I
21	Neurological Disorders: Physiotherapeutics II
22	Musculoskeletal Disorders: Physiotherapeutics I
23	Musculoskeletal Disorders: Physiotherapeutics II
24	Foundations of Yoga-I
25	Principles of Hatha Yoga– I
26	Human Anatomy and Physiology-I
27	Foundations of Yoga-II
28	Principles of Hatha Yoga– II
29	Yoga Education & Teaching Methodology
30	Fundamentals of Environmental Science
31	Foundations of Yoga
32	Human Anatomy and Physiology-I
33	Principles of Hatha Yoga
34	Essence of Upanishad
35	Indian Philosophy
36	Elective for M.Sc Elective I - Environmental Pollution and Human Health
37	Community Health Nursing I including Environmental Science & Epidemiology
38	Community Health Nursing
39	Environmental Science
40	Clinical Specialty - I:(ii) Community Health Nursing
41	Clinical Specialty - II: (ii) Community Health Nursing
42	Advance Nursing Practice
43	Micro Economics
44	Soft Skills-I
45	Research Project Proposal & Synopsis
46	Accounting Standards
47	Communicative English - II
48	Soft Skills-I
49	Summer Training Report
50	E Commerce
51	Undergraduate Research Project
52	Human Resource Management
53	Strategic Management
54	Mini Project

55	Labour Laws
56	Environmental Studies
57	Disaster Management
58	Environmental Studies
59	Disaster Management
60	Environmental Studies
61	Disaster Management

GOAL 12:

RESPONSIBLE CONSUMPTION AND PRODUCTION

S.No.	Courses
1	Hospital Planning and Operations
2	Environment and occupational epidemiology
3	Biochemistry
4	Environmental science -I
5	Environmental science -II
6	Community medicine
7	Community Physiotherapy
8	Environmental Sciences-I
9	Environmental science-II
10	Environmental Science- I
11	Environmental Science- II
12	Environmental Science - I
13	Environmental Science - II
14	Applied Microbiology and Advance techniques
15	Histology & Cytopathology - Advanced
16	Systemic Bacteriology
17	Hematology & Blood Banking - Basics
18	Instrumentation in Biochemical analysis
19	Virology and mycology
20	Histology & Cytopathology - Advanced
21	General Parasitology
22	Implantable Hearing devices
23	Audiology in practice
24	Enviornmental science-I
25	Basic computer sciences
26	Exercise Physiology & Nutrition
27	Fundamentals of Environmental Science
28	Elective for M.Sc Elective I - Environmental Pollution and Human Health
29	Applied Sociology
30	Community Health Nursing I including Environmental Science & Epidemiology
31	Sociology
32	Environmental Science
33	Clinical Specialty - I:(ii) Community Health Nursing
34	Clinical Specialty - II: (ii) Community Health Nursing
35	Macro Economics
36	Communicative English - IV
37	Integrated Marketing Communication
38	Cost & Management Accounting
39	Supply Chain Management
40	Counselling Skills For Managers
41	Company Law

42	Communicative English - IV
43	Management Concepts & Organizational Behaviour
44	Spreadsheet Modelling Lab
45	Income Tax Laws & Practice
46	Quantitative Techniques For Management
47	International Financial Management
48	Public Finance
49	Management Science
50	Integrated Marketing Communications
51	Communication For Managers
52	Management Information Systems
53	Management Information System
54	Marketing Of Services
55	Financial Services
56	Environmental Studies
57	Environmental Studies
58	Environmental Studies

GOAL 13:
CLIMATE ACTION

S.No.	Courses
1	Community medicine
2	Obst. & Gynae.
3	Paediatrics
4	Human Anatomy
5	Physiology
6	Biochemistry
7	Pharmacology
8	Pathology
9	Microbiology
10	Oto-rhino laryngology
11	Gross Anatomy, Embryology, Microscopic Anatomy of human body above the diaphragm with Radiological Anatomy & Body Preservation
12	Gross Anatomy, Embryology, Microscopic Anatomy of human body below the diaphragm with General (Embryology & Microscopic) Anatomy
13	Neuroanatomy & Genetics
14	Recent advances and applied Anatomy in medical sciences
15	Biomolecules, Principles of Biophysics and its biomedical importance, Cell biology, Fluid, electrolyte and acid-base balance, Analytical techniques, and instrumentation, Biostatistics and research methodology, Basics of medical education in teaching and assessment of Biochemistry.
16	Enzymes, Bioenergetics, Biological oxidation, Intermediary metabolism and inborn errors of metabolism, Nutrition, Vitamins and Minerals, Detoxification and metabolism of xenobiotics, Free radicals, and anti-oxidant defence systems
17	Molecular biology, Molecular and genetic aspects of cancer, Immunology, and Environmental Biochemistry

18	Basic principles and practice of clinical biochemistry, Biochemical analytes, Assessment of organ system functions, and Recent advances in biochemistry
19	Basic sciences as applied to Pharmacology
20	Systemic Pharmacology
21	Systemic pathology – surgical and cytopathology
22	Haematology, transfusion medicine and laboratory medicine including instrumentation and quality control
23	Recent advances in the subject
24	General Bacteriology and Immunology
25	Clinical / Systemic Microbiology (CM II).
26	Recent Advances & Applied Microbiology (AM).
27	Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non- Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Biostatistics.
28	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
29	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
30	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
31	Basic Sciences in as applied to the subject
32	Therapeutics and tropical medicine
33	Systemic medicine of all organ systems
34	Recent advances in General Medicine
35	Basic Science as applied to Dermatology, STDs and Leprosy
36	Dermatology
37	STD & Leprosy
38	Recent advances in field of Dermatology, Applied Sciences pertaining to skin /VD & internal medicine and skin
39	Basic Medical Science (Applied Basic Sciences, General Emergency Medicine And Disaster Preparedness)
40	Infectious Disease, HIV And AIDS, CVS, GIT, Critical Care, Paediatrics, Environmental Emergencies And Toxicology
41	Respiratory Medicine, CNS, Surgical Emergencies, Obstetric And Gynaecological Emergencies, Surgical Specialities, procedures
42	Nephrology, Endocrinology, Haematology, Oncology, Psychiatry, Dermatology, Occupational Disease And Recent Advances
43	Basic Principles in practice of Radiotherapy (Physics, Biology, Pathology, Equipments & Techniques of Radiotherapy)
44	Clinical Radiation Oncology
45	Allied Oncology Practices (Surgical oncology, medical oncology & Palliative Care)
46	Recent Developments in Oncology, Cancer Control Programmes, Research methodologies in oncology
47	Basic sciences related to Radiology (consists of Anatomy, Pathology, Basic and Radiation Physics, Imaging Techniques, and Film processing).
48	Chest, CVS, CNS including Head & Neck, Eye, ENT, musculo-skeletal, pediatric radiology and Mammography.

49	Abdominal Imaging including GI, GU, Hepatobiliary, endocrine and metabolic, Obstetrics and Gynaecology and Interventional radiology
50	Recent advances, nuclear medicine; Radiology related to clinical specialties
51	General pulmonary medicine and basic sciences;
52	Clinical pulmonary medicine including medical emergencies;
53	Clinical pulmonary medicine including critical care medicine;
54	Recent advances in pulmonary medicine, and research methodology.
55	Principles and Practice of Surgery
56	Principles and practice of Operative Surgery
57	Recent advances in surgery
58	Basic sciences as applied to the subject
59	Traumatology and Rehabilitation
60	Orthopaedic diseases
61	Recent advances in Orthopaedic surgery & General Surgery as applied to Orthopaedics
62	Basic Sciences related Otolaryngology
63	Principles and Practices of Otolaryngology
64	Recent advances in Otolaryngology and Head Neck surgery.
65	General Surgical Principles and Head-Neck Surgery.
66	Neurosciences, Emergency Neurosurgery
67	Basic Neurosciences- Neuroanatomy, physiology, Neuro Pharmacology
68	Operative Neurosciences, Neuropathology, Neuro-microbiology, neuroradiology and Neurology
69	Recent Advances in Neurosciences including clinical Trials
70	Hospital Planning and Operations
71	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
72	Environment and occupational epidemiology
73	Environmental science -I
74	Environmental science -II
75	Environmental Science - I
76	Environmental Science -II
77	Environmental Sciences-I
78	Environmental science-II
79	Environmental Science- I
80	Environmental Science- II
81	Environmental Science - I
82	Environmental Science - II
83	Haematology & Clinical pathology - Applied
84	Applied Microbiology and Advance techniques
85	Histology & Cytopathology - Advanced
86	Audiology in practice
87	Environmental science-I
88	Basic computer sciences
89	Human Anatomy and Physiology-I
90	Human Anatomy and Physiology Practical-I
91	Human Anatomy and Physiology-II
92	Fundamentals of Environmental Science
93	Human Anatomy and Physiology-I
94	Human Anatomy and Physiology-II
95	Elective for M.Sc Elective I - Environmental Pollution and Human Health
96	Community Health Nursing I including Environmental Science & Epidemiology

97	Community Health Nursing - II
98	Environmental Science
99	Clinical Specialty - I:(ii) Community Health Nursing
100	Clinical Specialty - II: (ii) Community Health Nursing
101	Nursing Management
102	Environmental Sciences
103	Elective-I Energy & Environment
104	Environmental Biotechnology
105	Environmental Sciences
106	Microbial Ecology
107	Environmental Microbiology
108	Environmental Biochemistry & Toxicology
109	Practical- Environmental Biochemistry & Toxicology
110	Environment Studies
111	Business Environment Analysis
112	Management Of Financial Services
113	International Business
114	Entrepreneurship Development
115	E Commerce
116	Business Statistics
117	Financial Management
118	Corporate Accounting
119	Management Of Financial Services
120	Soft Skills - III
121	Accounting Standards
122	Statistics For Managers
123	Financial Accounting & Reporting
124	International Business
125	Statistical Analysis & Data Analytics (Practical)
126	Business Ethics
127	Business Research Project
128	Performance Management
129	Environmental Studies
130	Disaster Management
131	Environmental Studies
132	Disaster Management
133	Environmental Studies
134	Disaster Management

GOAL 14:

LIFE BELOW WATER

S.No.	Courses
1	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
2	Environment and occupational epidemiology
3	Introduction to quality and patient safety(including emergency care, BLS and biomedical waste)
4	Environmental science -I
5	Environmental science -II

6	Environmental Science - I
7	Environmental Science -II
8	Biochemistry
9	Environmental Sciences-I
10	Environmental science-II
11	Environmental Science- I
12	Environmental Science- II
13	Environmental Science - I
14	Environmental Science - II
15	Metabolisms and Vitamins
16	Hematology & Blood Banking - Basics
17	Virology and mycology
18	Histology & Cytopathology - Advanced
19	Heme metabolism Endocrinology and organ function test
20	General Parasitology
21	Enviornmental science-I
22	Basic computer sciences
23	Fundamentals of Environmental Science
24	Elective for M.Sc Elective I - Environmental Pollution and Human Health
25	Environment Studies
26	Business Environment Analysis
27	Management Of Financial Services
28	International Business
29	Entrepreneurship Development
30	E Commerce
31	Business Statistics
32	Financial Management
33	Corporate Accounting
34	Management Of Financial Services
35	Soft Skills - III
36	Accounting Standards
37	Statistics For Managers
38	Financial Accounting & Reporting
39	International Business
40	Statistical Analysis & Data Analytics (Practical)
41	Business Ethics
42	Business Research Project
43	Performance Management
44	Environmental Studies
45	Open Elective II: Biology
46	Environmental Studies
47	Environmental Studies

GOAL 15:
LIFE ON LAND

S.No.	Courses
1	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
2	Environment and occupational epidemiology

3	Environmental science -I
4	Environmental science -II
5	Environmental Science - I
6	Environmental Science -II
7	Environmental Sciences-I
8	Environmental science-II
9	Environmental Science- I
10	Environmental Science- II
11	Environmental Science - I
12	Environmental Science - II
13	Basic Biochemistry-1
14	General Bacteriology
15	Haematology & Clinical Pathology- Basics
16	Biophysics, Enzymology & Clinical Biochemistry
17	Histology and Cytopathology - Basics
18	Metabolisms and Vitamins
19	Hematology & Blood Banking - Basics
20	Instrumentation in Biochemical analysis
21	Virology and mycology
22	Histology & Cytopathology - Advanced
23	General Parasitology
24	Environmental science-I
25	Basic computer sciences
26	Fundamentals of Environmental Science
27	Elective for M.Sc Elective I - Environmental Pollution and Human Health
28	Applied Sociology
29	Community Health Nursing I including Environmental Science & Epidemiology
30	Environmental Science
31	(v) Obstetrics & Gynaecological Nursing
32	Practical- I (Based on Biodiversity of Plants and Animal Diversity & Taxonomy)
33	Biodiversity of Plants
34	Animal Diversity & Taxonomy
35	Environment Studies
36	Macro Economics
37	Management Of Financial Services
38	Communicative English - IV
39	Entrepreneurship Development
40	Integrated Marketing Communication
41	Business Statistics
42	Company Law
43	Corporate Accounting
44	Communicative English - IV
45	Soft Skills - III
46	Statistics For Managers
47	Management Science
48	International Business
49	Business Ethics
50	Integrated Marketing Communications
51	Performance Management

52	Environmental Studies
53	Open Elective II: Biology
54	Environmental Studies
55	Environmental Studies

GOAL 16:

PEACE, JUSTICE AND STRONG INSTITUTIONS

S.No.	Courses
1	General Medicine and allied
2	Ophthalmology
3	Obstetrics and gynaecology
4	Paediatrics
5	Human Anatomy
6	Physiology
7	Biochemistry
8	Pharmacology
9	Pathology
10	Microbiology
11	General Surgery and allied
12	Oto-rhino laryngology
13	Gross Anatomy, Embryology, Microscopic Anatomy of human body above the diaphragm with Radiological Anatomy & Body Preservation
14	Gross Anatomy, Embryology, Microscopic Anatomy of human body below the diaphragm with General (Embryology & Microscopic) Anatomy
15	Neuroanatomy & Genetics
16	Recent advances and applied Anatomy in medical sciences
17	Basic sciences as applied to the subject (General and Cellular Physiology including Genetic basis and historical perspectives)
18	Systemic Physiology (system providing transport, nutrition and energy) including comparative Physiology
19	Systemic Physiology (system concerned with regulation, neural control and procreation)
20	Recent advances in the subject (including applied Physiology)
21	Basic sciences as applied to Pharmacology
22	Systemic Pharmacology
23	Clinical Pharmacology, Experimentation, Research, Biostatistics and Education
24	Recent advances in the Pharmacology
25	Systemic pathology – surgical and cytopathology
26	Haematology, transfusion medicine and laboratory medicine including instrumentation and quality control
27	Recent advances in the subject
28	General Bacteriology and Immunology
29	Clinical / Systemic Microbiology (CM I).
30	Clinical / Systemic Microbiology (CM II).

31	Recent Advances & Applied Microbiology (AM).
32	Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non- Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Biostatistics.
33	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
34	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
35	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
36	Basic Sciences in as applied to the subject
37	Therapeutics and tropical medicine
38	Systemic medicine of all organ systems
39	Recent advances in General Medicine
40	Basic Sciences as applied to pediatrics
41	General paediatrics
42	Systemic paediatrics
43	Recent advances
44	Basic Science as applied to Dermatology, STDs and Leprosy
45	Dermatology
46	STD & Leprosy
47	Recent advances in field of Dermatology, Applied Sciences pertaining to skin /VD & internal medicine and skin
48	Basic Medical Science (Applied Basic Sciences, General Emergency Medicine And Disaster Preparedness)
49	Infectious Disease, HIV And AIDS, CVS, GIT, Critical Care, Paediatrics, Environmental Emergencies And Toxicology
50	Respiratory Medicine, CNS, Surgical Emergencies, Obstetric And Gynaecological Emergencies, Surgical Specialities, procedures
51	Nephrology, Endocrinology, Haematology, Oncology, Psychiatry, Dermatology, Occupational Disease And Recent Advances
52	Basic Sciences as applied to Anaesthesia
53	Practice of Anaesthesia: Anaesthesia in relation to associated systemic and medical diseases.
54	Anaesthesia in relation to subspecialties/super specialties
55	Intensive Care Medicine, Pain Medicine and Recent advances.
56	Basic sciences as related to Psychiatry
57	Clinical Psychiatry
58	Psychiatry specialities
59	Recent advances
60	Basic Principles in practice of Radiotherapy (Physics, Biology, Pathology, Equipments & Techniques of Radiotherapy)
61	Clinical Radiation Oncology
62	Allied Oncology Practices (Surgical oncology, medical oncology & Palliative Care)
63	Recent Developments in Oncology, Cancer Control Programmes, Research methodologies in oncology

64	Basic sciences related to Radiology (consists of Anatomy, Pathology, Basic and Radiation Physics, Imaging Techniques, and Film processing).
65	Chest, CVS, CNS including Head & Neck, Eye, ENT, musculo-skeletal, pediatric radiology and Mammography.
66	Abdominal Imaging including GI, GU, Hepatobiliary, endocrine and metabolic, Obstetrics and Gynaecology and Interventional radiology
67	Recent advances, nuclear medicine; Radiology related to clinical specialties
68	General pulmonary medicine and basic sciences;
69	Clinical pulmonary medicine including medical emergencies;
70	Clinical pulmonary medicine including critical care medicine;
71	Recent advances in pulmonary medicine, and research methodology.
72	Principles and Practice of Surgery
73	Principles and practice of Operative Surgery
74	Recent advances in surgery
75	Obstetrics including social obstetrics and Diseases of New Born
76	Recent Advances in Obstetrics & Gynaecology
77	Applied Basic sciences.
78	Gynaecology including fertility regulation
79	Recent Advances in Ophthalmology and Community Ophthalmology
80	Clinical Ophthalmology
81	Basic sciences as applied to the subject
82	Traumatology and Rehabilitation
83	Orthopaedic diseases
84	Recent advances in Orthopaedic surgery & General Surgery as applied to Orthopaedics
85	Basic Sciences related Otolaryngology
86	Principles and Practices of Otolaryngology
87	Recent advances in Otolaryngology and Head Neck surgery.
88	General Surgical Principles and Head-Neck Surgery.
89	Recent Advances in Surgical oncology
90	Principles and practice of surgical oncology-Head and neck, Thoracic cavity, GI Tract, sarcoma of tissue & bones, oncological emergencies, metastatic cancer
91	Principles and practice of surgical oncology-genito urinary system, Gynaecological cancer, breast cancer, cancer of endocrine system, Skin cancer
92	Basic Sciences as related to Neurology (includes anatomy, physiology, pathology, biochemistry, Pharmacology and genetics as applicable to neurology)
93	Clinical Neurology (includes all aspects of clinical neurology i.e. diagnosis, management, therapeutics, approach to clinical situations)
94	Investigative Neurology (includes all the investigative procedures i.e. electrophysiology, imaging, neuropathology, magneto-encephalography etc.)
95	Recent advances in Neurology (includes recent advances in neurosciences including genetics, immunology, therapeutics, pathophysiology etc.)
96	Neurosciences, Emergency Neurosurgery
97	Basic Neurosciences- Neuroanatomy, physiology, Neuro Pharmacology
98	Operative Neurosciences, Neuropathology, Neuro-microbiology, neuroradiology and Neurology
99	Recent Advances in Neurosciences including clinical Trials

100	Marketing of Hospitals and Health Care Services
101	Legal Implications in Hospital Administration
102	Patient Safety
103	IPR; Ethics
104	Pharmacovigilance
105	Medical writing
106	Regulatory Affair
107	Clinical Trial Management
108	QC &QA Clinical Trials
109	Regulatory affairs: Manufacturing (Drugs and Medical devices)
110	Maternal and Child Health
111	Medical Physiotherapy law and ethics
112	Professionalism and values
113	Critique inquiry, case presentation and discussion
114	Administration and Teaching skills
115	Introduction to Quality, Patient safety and Patient care - I
116	Introduction to Quality, Patient safety and Patient care - II
117	Community optometry
118	English language and Communication
119	Basic Computer and Information Sciences
120	Environmental Science - I
121	Environmental Science - II
122	Haematology & Clinical pathology - Applied
123	Basic Biochemistry-1
124	Haematology & Clinical Pathology- Basics
125	Biophysics, Enzymology & Clinical Biochemistry
126	Instrumentation and Basic Immunology
127	Histology and Cytopathology - Basics
128	Metabolisms and Vitamins
129	Systemic Bacteriology
130	Hematology & Blood Banking - Basics
131	Instrumentation in Biochemical analysis
132	Virology and mycology
133	Heme metabolism Endocrinology and organ function test
134	General Parasitology
135	Aural rehabilitation in children
136	Audiology in practice
137	Professional practice in Physiotherapy
138	Foundations of Yoga-I
139	Foundations of Yoga-II
140	Yoga Education & Teaching Methodology
141	Research Methodology & Statistics
142	Yogic Management of Diseases
143	Elective I - Holistic Health
144	Foundations of Yoga
145	Essence of Upanishad
146	Indian Philosophy
147	Case Study
148	Dissertation
149	Mental Health Nursing - II

150	Professionalism, Professional values and Ethics including bioethics
151	Child health Nursing – I including Essential New born care (ENBC), FBNC, IMNCI and PLS, modules
152	Mental Health Nursing I
153	Nursing Management & Leadership
154	Mental Health Nursing
155	Nursing Management
156	Advance Nursing Practice
157	Management Concepts
158	Communicative English-III
159	Summer Training Report
160	Environment Studies
161	Communicative English-III
162	Tax Planning & Management
163	Business Valuation
164	Marketing Management
165	Summer Internship Project
166	Career Management & Competency Mapping
167	Human Values & Professional Ethics
168	Human Values & Professional Ethics
169	Human Values & Professional Ethics

GOAL 17:

PARTNERSHIPS FOR THE GOALS

S.No.	Courses
1	Community medicine
2	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
3	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
4	Marketing of Hospitals and Health Care Services
5	Clinical Trial Management
6	QC & QA Clinical Trials
7	Regulatory affairs: Manufacturing (Drugs and Medical devices)
8	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
9	Environment and occupational epidemiology
10	Low visual aids
11	Advanced Low visual aids
12	Community optometry
13	English language and Communication
14	Yogic science and techniques
15	Basic Computer and Information Sciences
16	Environmental Science - I
17	Haematology & Clinical pathology - Applied
18	Quality Assurance in Clinical Biochemistry and Molecular Biology
19	Research Methods & statistics
20	Audiology in practice

21	Yoga Practical – I
22	Yoga Practical – II
23	Yoga Practical – III
24	Yoga Practical – IV
25	Yoga Practical – V
26	Yoga Practical – VI
27	Holistic Health Practical
28	Yoga Practical – VII
29	Yoga Practical – VIII
30	Yoga Practical – IX
31	Elective-II Applied Alternative Therapies
32	Yoga Practical – X
33	Foundations of Yoga-I
34	Principles of Hatha Yoga– I
35	Principles of Hatha Yoga– II
36	Patanjal Yoga Darshana – I
37	Yoga Education & Teaching Methodology
38	Patanjal Yoga Darshana – II
39	Yoga Practical - I
40	Yoga Practical - II
41	Fundamentals of Ayurveda and Naturopathy
42	Yoga Practical - III
43	Yoga Practical - IV
44	Yoga and Alternative Therapy
45	Yoga Practical - V
46	Research Methodology & Statistics
47	Yogic Management of Diseases
48	Elective I - Holistic Health
49	Foundations of Yoga
50	Principles of Hatha Yoga
51	Patanjala Yoga Darshana
52	Essence of Upanishad
53	Yoga Psychology
54	Indian Philosophy
55	Case Study
56	Dissertation
57	Community Health Nursing I including Environmental Science & Epidemiology
58	Community Health Nursing - II
59	Community Health Nursing
60	Clinical Specialty - I:(ii) Community Health Nursing
61	Clinical Specialty - II: (ii) Community Health Nursing
62	Computing For Business
63	Quantitative Techniques For Management
64	Project Management
65	Business Communication
66	Marketing Management
67	Total Quality Management
68	Communicative English - II
69	Management Accounting
70	E Commerce
71	Management Concepts & Organizational Behaviour

72	International Financial Management
73	Computer Application For Managers
74	Strategic Management
75	Sales And Distribution Management
76	Management Information Systems
77	Financial Services