



**GUJARAT UNIVERSITY**  
**Provisional List of Subjects (Post Graduation) for Eligibility for Concerned**  
**Ph.D. Subjects**  
**(Academic Year 2024-2025)**

| Sr. No. | Faculty | Department   | Subject for Ph.D.   | Eligibility                     |   |
|---------|---------|--|---|---------------------------------|---|
|         |         |  |   | Qualifying Degree               | Qualifying Subject  |
| 1       | Science | Department of Computer Science   | Computer Science-Artificial Intelligence & Machine Learning | MCA, M.Sc., M.Tech              | Computer Science-Artificial Intelligence & Machine Learning, Information Technology, Computer Science, AI & ML, Data Science, Artificial Intelligence   |
| 2       | Science | Department of Computer Science   | Computer Science  | MCA, M.Sc., M.Tech              | Information Technology, Computer Science, CA & IT, AI & ML, Web Technology, Networking & Communication, Data Science, Cyber Security  |
| 3       | Science | School of Emerging Science and Technology                                | Artificial Intelligence and Machine Learning                | M.Sc., M.E., M.Tech, MCA, M.Com | Artificial Intelligence and Machine Learning, Data Science, Computer Science, Information Technology  |
| 4       | Science | School of Emerging Science and Technology                                | Data Science  | M.Sc., M.E., M.Tech, M.Com      | Artificial Intelligence and Machine Learning, Data Science, Mathematics, Statistics, Applied Mathematical Science, Computer Science, Information Technology   |
| 5       | Science | Department of Physics  | Physics   | M.Sc.                           | Physics, Applied Physics, Astrophysics, Astronomy, Biophysics, Geophysics, Space Sciences, Medical Physics, Nano Science, Nano Technology, Material Science   |
| 6       | Science | Department of Physics  | Electronics   | M.Sc.                           | Electronics, Electronics Science, Electronics and Communication Instrumentation, Instrumentation & Control  |
| 7       | Science | Department of Mathematics  | Mathematics   | M.Sc.                           | Mathematics, Applied Mathematical   |
| 8       | Science | M.Sc. Food-Science & Nutrition, Department of Life Science               | Food Science & Nutrition                                    | M.Sc.                           | Food Science & Nutrition  |
| 9       | Science | Department of Life Science   | Life Science  | M.Sc.                           | Life Science, Cancer Biology, Biochemistry, Biotechnology,  |
| 10      | Science | Department of Chemistry  | Chemistry   | M.Sc.                           | Chemistry, Industrial Chemistry, Polymer Chemistry, Medicinal Chemistry, Pharmaceutical Chemistry, Environmental Chemistry, Applied Chemistry, Material Chemistry, Multidisciplinary related to Chemistry |
| 11      | Science | Department of Environment Science  | Environment Science   | M.Sc.                           | Environment Science, Marine Science, Aquatic Biology, Bio Science, Life Science   |
| 12      | Science | Department of Statistics   | Statistics  | M.Sc.                           | Statistics  |
| 13      | Science | Department of Earth Science  | Geophysics  | M.Sc.                           | Geophysics, Physics, Geology  |
| 14      | Science | Department of Earth Science  | Geology   | M.Sc.                           | Geology, Applied Geology, Earth Science   |
| 15      | Science | Department of Botany, Bioinformatics & Climate Change Impacts Management | Botany  | M.Sc.                           | Botany  |

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|---------|---------|---|--|-----------------------------|--|
| 16      | Science | Department of Botany, Bioinformatics & Climate Change Impacts Management                        | Bioinformatics   | M.Sc.                       | Bioinformatics, Biochemistry, Biotechnology, Microbiology  |
| 17      | Science | Department of Microbiology & Biotechnology  | Microbiology   | M.Sc.                       | Microbiology   |
| 18      | Science | Department of Microbiology & Biotechnology  | Biotechnology  | M.Sc.                       | Biotechnology  |
| 19      | Science | Department of Zoology, Biomedical Technology, Human Genetics, Wildlife Biology and Conservation | Zoology  | M.Sc.                       | Zoology  |
| 20      | Science | Department of Zoology, Biomedical Technology, Human Genetics, Wildlife Biology and Conservation | Biomedical Technology                                  | M.Sc.                       | Biomedical Technology, Zoology, Medical Technology, Biomedical Sciences, Paramedical Sciences, Medicine              |
| 21      | Science | Department of Zoology, Biomedical Technology, Human Genetics, Wildlife Biology and Conservation | Human Genetics   | M.Sc., M.Teach, M.E.        | Human Genetics, Genetics, Paramedical Sciences, Medicine   |
| 22      | Science | Department of Zoology, Biomedical Technology, Human Genetics, Wildlife Biology and Conservation | Wildlife Biology and Conservation                      | M.Sc.                       | Wildlife Biology and Conservation, Zoology   |
| 23      | Science | Department of Biochemistry & Toxicology   | Biochemistry   | M.Sc.                       | Biochemistry   |
| 24      | Science | Department of Biochemistry & Toxicology   | Toxicology   | M.Sc., M.V.Sc.              | Toxicology, Environment Science, Forensic Science, Biochemistry, Clinical Research, Life Science, Veterinary Science |
| 25      | Science | Department of Biochemistry & Toxicology   | Pharmaceutical Science                                 | M.Sc., M.Pharma,            | Pharmaceutical Science, Clinical Research, Life Science  |
| 26      | Science | Department of Biochemistry & Toxicology   | Cyber Security & Forensics                             | M.Sc.                       | Cyber Security & Forensics   |
| 27      | Science | Department of Biochemistry & Toxicology   | Forensic Science                                       | M.Sc.                       | Forensic Science   |
| 28      | Science | Department of Biochemistry & Toxicology   | Clinical Embryology & Assisted Reproductive Technology | M.Sc.                       | Clinical Embryology & Assisted Reproductive Technology   |
| 29      | Law     | University School of Law  | Law  | LLM (in any specialization) | Law  |
| 30      | Arts    | Department of Linguistics   | Linguistics  | M.A.                        | Linguistics  |
| 31      | Arts    | School of International Studies & Diaspora  | Diaspora & Migration Studies                           | Any Master Degree           | Any Subject  |
| 32      | Arts    | School of International Studies & Diaspora  | International Relations                                | Any Master Degree           | Any Subject  |
| 33      | Arts    | Department of Communication and Journalism and public Relations                                 | Mass Communication and Journalism                      | MJMC, MMCJ, MDC, M.A.       | Mass Communication and Journalism  |

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|---------|-----------|--|--------------------------------|--|--|
| 34      | Arts      | Department of Psychology                           | Psychology                     | M.A.   | Psychology   |
| 35      | Arts      | Department of Labour Welfare                       | Labour Welfare                 | MLW, MHRM  | Labour Welfare   |
| 36      | Arts      | Department of Economics                            | Economics                      | M.A.   | Economics  |
| 37      | Arts      | Department of History                              | History                        | M.A.   | History  |
| 38      | Arts      | Department of Persian & Urdu                       | Urdu                           | M.A.   | Urdu   |
| 39      | Arts      | Department of Sociology                            | Sociology                      | M.A.   | Sociology Entire   |
| 40      | Arts      | Department of Library & Information Science        | Library & Information Science  | M.Lib.I.Sc., M.Lib.ISc., M.L.I.Sc., M.Sc., Associateship, MS(LIS), AIS | Library & Information Science  |
| 41      | Arts      | Department of Physical Education                   | Physical Education             | M.P.Ed, M.P.E.   | Physical Education   |
| 42      | Arts      | Department of Philosophy                           | Philosophy                     | M.A.   | Philosophy   |
| 43      | Arts      | Department of Gujarati                             | Gujarati                       | M.A.   | Gujarati   |
| 44      | Arts      | Upasana School of Performing Arts                  | Performing Arts (Music)        | M.A.   | Performing Arts (Music)  |
| 45      | Arts      | Upasana School of Performing Arts                  | Dance-Kathak                   | M.A.   | Performing Arts (Dance-Kathak)   |
| 46      | Arts      | Upasana School of Performing Arts                  | Dance-Bharatnatyam             | M.A.   | Performing Arts (Dance-Bharatnatyam)   |
| 47      | Arts      | Upasana School of Performing Arts                  | Drama                          | M.A.   | Performing Arts (Drama)  |
| 48      | Arts      | Department of Sanskrit                             | Sanskrit                       | M.A.   | Sanskrit   |
| 49      | Arts      | Department of Hindi                                | Hindi                          | M.A.   | Hindi  |
| 50      | Arts      | Department of English                              | English                        | M.A.   | English  |
| 51      | Arts      | Institute of Indic Studies                         | Indian Knowledge System        | Any Master Degree Indian or Foreign universities                       | Any Subject  |
| 52      | Arts      | Institute of Indic Studies                         | Comparative Religion           | Master's degree Recognized Indian/foreign universities                 | Comparative studies of Religion/Religious Studies,Philosophy,History,Psychology,Sociology,Anthropology,Hindi,Sanskrit,Pali,Prakrit |
| 53      | Commerce  | B.K. School of Professional and Management Studies | Management                     | MBA  | Management   |
| 54      | Commerce  | School of Commerce                                 | Commerce                       | M.Com  | Commerce, Finance and Financial Services, Management, Marketing and Finance, International Business & Banking,Accountancy          |
| 55      | Commerce  | School of Commerce                                 | Accountancy                    | M.Com  | Accountancy, Accountancy & Auditing, Accountancy & Finance   |
| 56      | Commerce  | School of Commerce                                 | Statistics                     | M.Com  | Statistics, Statistics and Finance   |
| 57      | Education | Department of Education                            | Education                      | M.Ed.  | Education  |
| 58      | Medical   | Faculty of Medicine                                | General Medicine               | MD or P.G. Diploma-Medical or DNB or MSc                               | General Medicine   |
| 59      | Medical   | Faculty of Medicine                                | Anatomy                        | MD or P.G. Diploma-Medical or DNB or MSc                               | Anatomy  |
| 60      | Medical   | Faculty of Medicine                                | Pharmacology                   | MD or P.G. Diploma-Medical or DNB or MSc                               | Pharmacology   |
| 61      | Medical   | Faculty of Medicine                                | Physiology                     | MD or P.G. Diploma-Medical or DNB or MSc                               | Physiology   |
| 62      | Medical   | Faculty of Medicine                                | Microbiology                   | MD or P.G. Diploma-Medical or DNB or MSc                               | Microbiology   |
| 63      | Medical   | Faculty of Medicine                                | Community Medicine             | MD or P.G. Diploma-Medical or DNB                                      | Community Medicine   |
| 64      | Medical   | Faculty of Medicine                                | Forensic Medicine & Toxicology | MD or P.G. Diploma-Medical or DNB                                      | Forensic Medicine  |
| 65      | Medical   | Faculty of Medicine                                | Anaesthesiology                | MD or P.G. Diploma-Medical or DNB                                      | Anaesthesiology  |

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|----------------|----------------|---------------------|--|-----------------------------------|--|
| 66             | Medical        | Faculty of Medicine | Pathology  | MD or P.G. Diploma-Medical or DNB | Pathology  |
| 67             | Medical        | Faculty of Medicine | Paediatrics  | MD or P.G. Diploma-Medical or DNB | Pediatrics   |
| 68             | Medical        | Faculty of Medicine | Dermatology, Venereology and Leprosy                 | MD or P.G. Diploma-Medical or DNB | Dermatology, Venereology and Leprosy                 |
| 69             | Medical        | Faculty of Medicine | Emergency Medicine                                   | MD or P.G. Diploma-Medical or DNB | Emergency Medicine                                   |
| 70             | Medical        | Faculty of Medicine | Respiratory Medicine                                 | MD or P.G. Diploma-Medical or DNB | Respiratory Medicine                                 |
| 71             | Medical        | Faculty of Medicine | General Surgery                                      | MS or P.G. Diploma-Medical or DNB | General Surgery                                      |
| 72             | Medical        | Faculty of Medicine | Ophthalmology  | MS or P.G. Diploma-Medical or DNB | Ophthalmology  |
| 73             | Medical        | Faculty of Medicine | Orthopedics  | MS or P.G. Diploma-Medical or DNB | Orthopedics  |
| 74             | Medical        | Faculty of Medicine | Obstetrics & Gynecology                              | MS or P.G. Diploma-Medical or DNB | Obstetrics & Gynecology                              |
| 75             | Medical        | Faculty of Medicine | Neuro-Surgery  | DNB or M.Ch                       | Neuro-Surgery  |
| 76             | Medical        | Faculty of Medicine | Conservative Dentistry and Endodontics               | MDS                               | Conservative Dentistry and Endodontics               |
| 77             | Medical        | Faculty of Medicine | Periodontology                                       | MDS                               | Periodontology                                       |
| 78             | Medical        | Faculty of Medicine | Orthodontics   | MDS                               | Orthodontics   |
| 79             | Medical        | Faculty of Medicine | Prosthodontics                                       | MDS                               | Prosthodontics                                       |
| 80             | Medical        | Faculty of Medicine | Oral Medicine and Radiology                          | MDS                               | Oral Medicine and Radiology                          |
| 81             | Medical        | Faculty of Medicine | Oral & Maxillofacial Pathology and Oral Microbiology | MDS                               | Oral & Maxillofacial Pathology and Oral Microbiology |
| 82             | Medical        | Faculty of Medicine | Oral & Maxillofacial Surgery                         | MDS                               | Oral & Maxillofacial Surgery                         |
| 83             | Medical        | Faculty of Medicine | Pediatric Dentistry                                  | MDS                               | Pediatric Dentistry                                  |
| 84             | Medical        | Faculty of Medicine | Physiotherapy  | MPT                               | Physiotherapy  |
| 85             | Medical        | Faculty of Medicine | Optometry  | M. Optometry                      | Optometry  |