

# **Ph.D. Admission- 2025**

Adv. No. Ph. D./02/2025

## **Eligibility and Number of Vacant Seats**

| Faculty                    | Sl. No. | Department | Ph.D. Vacancy                              | Specialized area and Eligibility criteria                                                                                                                                                                                                                                                                                                                                                   |
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| <b>ARTS &amp; COMMERCE</b> | 1.      | Bengali    | 13                                         | <b>Eligibility :</b> 55% marks in M.A. in Bengali<br><b>12 (Twelve)</b><br><b>Specialization:</b> Open<br><b>01(One)</b><br><b>Specialization:</b> Modern Bengali Poetry                                                                                                                                                                                                                    |
|                            | 2.      | Commerce   | 01                                         | <b>Eligibility :</b> 55% marks in M.Com.<br><b>01(One)</b><br><b>Specialization:</b> Open                                                                                                                                                                                                                                                                                                   |
|                            | 3.      | Economics  | 07                                         | <b>Eligibility :</b> 55% marks in M.A./M.Sc. in Economics<br><b>05 (Five):</b><br><b>Specialization:</b> Open<br><b>02 (Two)</b><br><b>Specialization:</b> (Econometrics/Agricultural Economics)                                                                                                                                                                                            |
|                            | 4.      | Folklore   | 04                                         | <b>Eligibility :</b> 55% marks in M.A. in Folklore, English, History, Comparative Literature, Geography, Music, Sociology, Bengali, Anthropology<br><b>04 (Four)</b><br><b>Specialization:</b> Open                                                                                                                                                                                         |
|                            | 5.      | Hindi      | 07                                         | <b>Eligibility :</b> 55% marks in M.A. in Hindi<br><b>Specialization:</b><br>04 (Four): Open<br><b>Specialization:</b><br>03 (Three): Katha Sahitya                                                                                                                                                                                                                                         |
|                            | 6.      | History    | Total Seat - 10<br>Kalyani University - 05 | <b>Eligibility:</b> 55% marks in M.A. in History<br><b>02 (Two)</b><br><b>Specialization:</b> HISTEM, Gender, Socio-Cultural History.<br><b>01 (One)</b><br><b>Specialization:</b> Cultural and Religious Studies.<br><b>02 (Two)</b><br><b>Specialization:</b> Any area of History of Modern India.<br><b>03(Three)</b><br><b>Specialization:</b> Public Health, History of Medicine, STM, |

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|  |     |                           | Berham<br>pore<br>Girls'<br>College<br>- 05 | Economic & Social History of 18 <sup>th</sup> Century India<br><b>02(Two)</b><br><b>Specialization:</b> Environmental History of South Asia, History of Science, Technology & Medicine , Indian Knowledge System, History of South Asia                                                                                                                                                                                                                                                                          |
|  | 7.  | Lib. & Inf. Sc.           | 07                                          | <b>Eligibility:</b> 55% marks in M.A. in Master of Library & Information Science<br><b>03(Three)</b><br><b>Specialization:</b> AI & ML; Data carpentry<br><b>04 (Four)</b><br><b>Specialization:</b> Text analytics, Bibliometrics, Data carpentry                                                                                                                                                                                                                                                               |
|  | 8.  | Political Science         | 03                                          | <b>Eligibility Criteria:</b> 55% marks in M.A. in Political Science<br><b>02(Two)</b><br><b>Specialization:</b> Indian Politics and Indian Foreign Policy<br><b>01 (One)</b><br><b>Specialization:</b> Indian Politics, State Politics in Indian and Identity Politics                                                                                                                                                                                                                                           |
|  | 9.  | Philosophy                | 02                                          | <b>Eligibility Criteria:</b> 55% marks in M.A. in Philosophy<br><b>02 (Two)</b><br><b>Specialization:</b> Indian Philosophy & Western Logic                                                                                                                                                                                                                                                                                                                                                                      |
|  | 10. | Sociology                 | 03                                          | <b>Eligibility Criteria:</b> B.A. (Hons) in Sociology, 55% marks in M.A. in Sociology or Equivalent grade as recognized by UGC<br><b>03 (Three)</b><br><b>Specialization:</b> Sociology of Health/<br>Environmental Sociology/Social Demography                                                                                                                                                                                                                                                                  |
|  | 11. | Visual-Arts               | 05                                          | <b>Eligibility Criteria:</b> 55% marks in M.A. in Visual-Arts<br><b>05 (Five)</b><br><b>Specialization:</b> Open                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | 1.  | Biochemistry & Biophysics | 10                                          | <b>02 (Two)</b><br><b>Eligibility Criteria:</b> 55% marks in M.Sc. in Biochemistry/Molecular Biology & Biotechnology with Knowledge of Computational Biology and Bioinformatics. The candidate should have his/her M.Sc. degree no later than the year 2023.<br><b>Specialization:</b> Open<br><b>01 (One)</b><br><b>Eligibility Criteria:</b> 55% marks in M.Sc. in Biophysics/Biochemistry/Physiology.<br><b>Specialization:</b> Open<br><b>04(Four)</b><br><b>Eligibility Criteria:</b> 55% marks in M.Sc. in |

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| SCIENCE |    |                    |    | <p>Chemistry/Biochemistry/Biophysics/.<br/>The candidate should have his/her M.Sc. degree no later than the year 2023. Qualified in NET/GATE/SET or equivalent national level examination as per UGC regulations.<br/><b>Specialization:</b> Open</p> <p><b>03 (Three)</b><br/><b>Eligibility Criteria:</b> At least 55% marks in M.Sc. in Biochemistry/Molecular Biology &amp; Biotechnology/Biophysics/Zoology/Microbiology<br/>The candidate should have his/her M.Sc. degree no later than the year 2023. Qualified in NET/GATE/SET or equivalent national level examination as per UGC regulations.<br/><b>Specialization:</b> Open</p> |
|         | 2. | Botany             | 03 | <p><b>02 (Two)</b><br/><b>Eligibility:</b> 55% marks in M.Sc. in any field from Biological Sciences<br/><b>Specialization:</b> Open</p> <p><b>01 (One)</b><br/><b>Eligibility:</b> 55% marks in M.Sc. in any branch of Life Sciences with NET JRF preferable<br/><b>Specialization:</b> Open</p>                                                                                                                                                                                                                                                                                                                                             |
|         | 3. | Chemistry          | 26 | <p><b>14 (Fourteen)</b><br/><b>Eligibility:</b> 55% marks in M.Sc. in Chemistry<br/><b>Specialization:</b> Open</p> <p><b>03(Three)</b> 55% marks in M.Sc. in Chemistry<br/><b>Specialization:</b> Organic/Inorganic</p> <p><b>02 (Two)</b> 55% marks in M.Sc. in Chemistry<br/><b>Specialization:</b> Organic Chemistry</p> <p><b>05 (Five)</b> 55% marks in M.Sc. in Chemistry<br/><b>Specialization:</b> Inorganic Chemistry</p> <p><b>02 (Two)</b> 55% marks in M.Sc. in Chemistry,<br/><b>Specialization:</b> Analytical/Inorganic/Organic</p>                                                                                          |
|         | 4. | Ecological Studies | 06 | <p><b>06 (Six)</b><br/><b>Eligibility:</b> 55% marks in Master Degree in Microbiology/Molecular Biology/Biotechnology/Marine Biotechnology/Environmental Science/Environmental Management/Agriculture/Zoology/Botany/Fisheries Science/Chemistry/any allied subjects</p> <p><b>05( Five)</b><br/><b>Specialization:</b> Open</p> <p><b>01 (One)</b><br/><b>Specialization:</b> Environmental Microbiology / Environmental Biotechnology/ Environmental Chemistry/ Environmental Toxicology/ Environmental Engineering/Ecological Engineering/Aquaculture/Fisheries/Limnology/Aquatic &amp; Soil</p>                                          |

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|  | 5. | Environmental Science             | 02 | <b>02 (Two)</b><br><b>Eligibility:</b><br>55% Marks in M.Sc. in Environmental Science and allied Subjects<br><b>Specialization:</b><br>Environmental Chemistry, Environmental Monitoring and Assessment, Pollution Studies and Remediation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | 6. | Mathematics                       | 07 | <b>01 (One)</b><br><b>Eligibility:</b> 55% Marks in M.Sc. in Mathematics (As per University norms)<br><b>Specialization :</b> Open<br><br><b>01 (One)</b><br><b>Eligibility:</b> 55% Marks in M.Sc. in Applied Mathematics<br><b>Specialization:</b> Mathematical Biology<br><br><b>01 (One)</b><br><b>Eligibility:</b> 55% Marks in M.Sc. in Pure Mathematics<br><b>Specialization:</b> Open<br><br><b>01 (One)</b><br><b>Eligibility:</b> 55% Marks in M.Sc. in any Branch in Mathematics<br><b>Specialization:</b> Open<br><br><b>01 (One)</b><br><b>Eligibility:</b> 55% Marks in M.Sc. in Pure Mathematics<br><b>Specialization:</b> Complex Analysis<br><br><b>02 (Two)</b><br><b>Eligibility:</b> 55% Marks in M.Sc. in Mathematics<br><b>Specialization:</b> Differential Geometry |
|  | 7. | Microbiology                      | 06 | <b>02(Two)</b><br><b>Eligibility:</b> 55% Marks in M.Sc. in Microbiology, Biochemistry, Molecular Biology or Biotechnology and allied Subject<br><b>Specialization:</b> Open<br><br><b>04(Four)</b><br><b>Eligibility:</b> 55% Marks in M.Sc. in Microbiology, Biochemistry, Molecular Biology or Biotechnology<br><b>Specialization:</b> Open                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|  | 8. | Molecular Biology & Biotechnology | 04 | <b>02 ( Two)</b><br><b>Eligibility:</b> 55% marks in M.Sc. in Molecular Biology & Biotechnology/ Zoology & CSIR-UGC NET in any category (1 or 2 or 3)<br><b>Specialization:</b> Open<br><br><b>01 ( One)</b><br><b>Eligibility:</b><br>55% marks in M.Sc. in any branch in Life Science Qualified joint CSIR-UGC NET in any category (1 or 2 or 3)<br><b>Desirable:</b> CSIR NET JRF/UGC NET JRF (With own Fellowship)<br><b>Specialization:</b> Open                                                                                                                                                                                                                                                                                                                                      |

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|  |     |         |    | <b>01 (One)</b><br><b>Eligibility:</b> 55% marks in M.Sc. in Molecular Biology & Biotechnology & CSIR NET JRF/UGC NET JRF (With own Fellowship)<br><b>Specialization:</b> Open                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | 9.  | Physics | 11 | <b>01 (One)</b><br><b>Eligibility:</b> 55% marks in M.Sc. in Physics<br><b>Specialization:</b> Theoretical Condensed Matter Physics<br><br><b>03(Three)</b><br><b>Eligibility:</b> 55% marks in M.Sc. in Physics<br><b>Specialization:</b> Astro-particle Physics, Theoretical Physics<br><br><b>03(Three)</b><br><b>Eligibility:</b> 55% marks in M.Sc. in Physics<br><b>Specialization:</b> Material Science<br><br><b>04 (Four)</b><br><b>Eligibility:</b> : 55% marks in M.Sc. in Physics/ Material Science/Nanoscience and Nanotechnology<br><b>Specialization:</b> Materials Science/ Energy Storage                                                                                                                                                                                                                                                                    |
|  | 10. | Zoology | 13 | <b>03(Three)</b><br><b>Eligibility:</b> : 55% marks in M.Sc. in Zoology<br><b>Specialization:</b> Open<br><br><b>01 (One)</b><br><b>Eligibility:</b> : 55% marks in M.Sc. in Zoology<br><b>NET-JRF or any Fellowship</b><br><b>Specialization:</b> preferably from Entomology background<br><br><b>02 (Two)</b><br><b>Eligibility:</b> : 55% marks in M.Sc. in Zoology<br><b>Specialization:</b> Endocrinology<br><br><b>01 (One)</b><br><b>Eligibility:</b> : 55% marks in M.Sc. in Zoology<br><b>Specialization:</b> Cytogenetic/Molecular Biology/Cell Biology/Disease Biology<br><br><b>01 (One)</b><br><b>Eligibility:</b> : 55% marks in M.Sc. in Zoology with NET-JRF only<br><b>Specialization:</b> Genetics/ Molecular Biology/Cell Biology/Immunology<br><br><b>05(Five):</b><br><b>Eligibility:</b> : 55% marks in M.Sc. in Zoology<br><b>Specialization:</b> Open |

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| EDUCATION | 1. | Education               | 07 | <p>05 (Five)<br/> <b>Eligibility:</b> : 1. M.A./M.Sc. in Education with 55% marks (preceded by Honours or equivalent degree)<br/> <b>OR</b><br/> 2. .M.Ed. with 55% marks (preceded by Honours or equivalent degree and a PG degree with 55% marks)<br/> <b>OR</b><br/> 3. M.A./M.Sc. in Education with 55% marks (preceded by B.Ed. with 55% marks and Honours or equivalent degree in any subject)<br/> <b>Specialization:</b> Psychology of Instruction</p> <p><b>01 (Two):</b><br/> <b>Eligibility:</b> : 1. M.A./M.Sc. in Education with 55% marks (preceded by Honours or equivalent degree)<br/> <b>OR</b><br/> 2. .M.Ed. with 55% marks (preceded by Honours or equivalent degree and a PG degree with 55% marks)<br/> <b>OR</b><br/> 3. M.A./M.Sc. in Education with 55% marks (preceded by B.Ed. with 55% marks and Honours or equivalent degree in any subject)<br/> <b>Specialization:</b> Open</p> |
|           | 2. | Physical Education      | 09 | <p><b>02(Two)</b><br/> <b>Eligibility:</b> : 55% marks in Master in Physical Education<br/> <b>Specialization:</b> Biomechanics of Sports, Science of Sports Training</p> <p><b>02(Two)</b><br/> <b>Eligibility:</b> : 55% marks in Master in Physical Education<br/> <b>Specialization:</b> Aging &amp; Exercise, Traditional Games</p> <p><b>04(Four)</b><br/> <b>Eligibility:</b> : 55% marks in Master in Physical Education<br/> <b>Specialization:</b> Health Fitness &amp; Sports Nutrition</p> <p><b>01(One)</b><br/> <b>Eligibility:</b> : 55% marks in Master in Physical Education<br/> <b>Specialization:</b> Yoga &amp; Sports Psychology</p>                                                                                                                                                                                                                                                      |
| ETM       | 1. | Business Administration | 08 | <p><b>01 (One)</b><br/> <b>Eligibility:</b> : 55% marks in M.Com or MBA with Finance<br/> <b>Specialization:</b> Open</p> <p><b>02 (Two)</b><br/> <b>Eligibility:</b> : 55% marks in MBA (Marketing)/ if Dual specialization in MBA (Marketing Major)<br/> <b>Specialization:</b> Open</p> <p><b>05 (Five)</b><br/> <b>Eligibility:</b> : 55% marks in MBA (Operations) with knowledge in Fin Tech<br/> <b>Specialization:</b> Open</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|  | 2. | Computer<br>Science &<br>Engineering | 02 | <b>02 (Two)</b><br><b>Eligibility:</b> 55% marks in M.Sc. in Computer Science/Data<br>Science/MCA/M.Tech. (CSE)<br><b>Specialization:</b> Open |
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