



# UNIVERSITY OF KALYANI

## NOTIFICATION

Ref: CAC/Notification/Ph.D. Vacancy/2023/DP-1 Date: 18th September, 2023

With reference to advertisement Adv. No. Ph. D./12/2023, this is for information of all concerned that the No. of Vacancy in Ph.D. admission KURET-23 is mentioned herewith.

### **Ph.D. Vacant List 2023**

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

| Faculty         | Sl. No. | Department         | Ph.D. Vacancy      |                           | Specialized area and eligibility criteria   |
|-----------------|---------|--------------------|--------------------|---------------------------|---|
| ARTS & COMMERCE | 1.      | English            | Kalyani University | Berhampore Girls' College | 02 (Two) Specialization (i). Nineteenth Century studies, (ii) Digital Humanities, (iii) South Asian Writing<br>02 (Two) specialization: (i) Postcolonial Studies (ii) Graphic Fiction (iii) South Asian Fiction (iv) Joyce Studies<br>01 (One) Specialization: (i) Twentieth Century Crime Fiction (ii) Indian writing in English (ii) Postcolonial Studies<br><b>Eligibility criteria:</b> 55% Marks in M.A. English |
|                 | 2.      | Political Science  | 05                 |                           | 03 (Three) Specialization: (i)Public Administration, (ii) Public policy, (iii) Ancient Indian political thought<br>02 (Two) Specialization: (i) Foreign policy, (ii) State politics in India<br><b>Eligibility criteria:</b> 55% marks in M.A. Political Science  |
|                 | 3.      | Sociology          | 04                 |                           | Specialization: (Desirable) (i)Sociology of Health, (ii)Population Studies, (iii)Research Methodology<br><b>Eligibility criteria:</b> 55% marks in M.A.in Sociology   |
|                 | 4.      | Folklore           | 02                 |                           | 02 (Two) Specialization: M.A. in Folklore or any Post Graduate in Humanities, Social Science & Fine Arts.<br><b>Eligibility:</b> 55% Marks in M.A. in Folklore or any Post Graduate in Humanities, Social Science & Fine Arts.  |
|                 | 5.      | Library & Inf. Sc. | 01                 |                           | <b>Specialization:</b> AI / Machine learning applications in knowledge modeling<br><b>Eligibility:</b> 55% Marks in M.A.  |
|                 | 6.      | Rural Dev. Studies | 05                 |                           | 01 (One) Specialization: MRS/MRDM [Preferable areas: i. Panchayat governance, ii. Developmental issues for Rural  |

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|         |    |                           |    | Development.]<br>02 (Two) Specialization: P.G. in Rural Development /Rural Management /Rural Development &Management/ Rural Studies<br>02 (Two) Specialization: P.G. in Rural Development /Rural Management /Rural Development &Management/ Rural Studies<br><b>Eligibility:</b> 55% Marks in MRS or Allied Subjects  |
|         | 7. | Visual Arts               | 03 | <b>Specialization:</b> in Visual Arts, M.F.A/ M.V.A from UGC recognized University<br><br><b>Eligibility:</b> 55% Marks in MFA / MVA  |
| SCIENCE | 1. | Biochemistry & Biophysics | 08 | Desirable: 01 (One): Experience in Structural Biology and Bioinformatics<br>01 (One):Knowledge of Bioinformatics and Computational Biology, proficiency in R/ Python/ Perl.<br>04 (Four): Experience in peptide synthesis or synthetic chemistry<br>02 (Two): Experience in RT-PCR and mammalian cell culture<br><b>Eligibility:</b> 55% Marks in M.Sc.in Chemistry/ Bio-Chemistry/ Bio Physics and any branches of Life Sciences/ ME/MTech in Biotechnology/ Bioinformatics/ Computational Biology.  |
|         | 2. | Botany                    | 06 | 01 (One): M.Sc. in Botany with 55% Marks.<br>01 (One): M.Sc. in Botany with 55% Marks<br>01 (One): M.Sc with 55% Marks in Microbiology/ any disciplines of Life Science. Desirable. Microbiology specialization.<br>02 (Two): M.Sc. with 55% Marks in Botany/ Biotechnology/ Microbiology/ Environmental Science/ Agriculture/ any disciplines of Life Science. Desirable specialization: Plant Physiology& Biochemistry<br>01 (One): M.Sc. with 55% Marks in Botany/ Microbiology/ any disciplines of Life Science with Mycology and Plant Pathology/Soil Microbiology as special paper. |
|         | 3. | Chemistry                 | 15 | Specialization: Open<br><b>Eligibility:</b> 55% Marks in M.Sc. in Chemistry   |
|         | 4. | Ecological Studies        | 04 | Specialization: Environmental Microbiology/ Environmental Biotechnology/ Environmental Chemistry/ Environmental Toxicology/ Ecological Engineering/ Aquaculture/ Fisheries/ Limnology/ Aquatic and Soil.<br><b>Eligibility:</b> 55% Marks in M.Sc. in Environmental Science/ Environmental Management/ Zoology/ Botany/ Microbiology/ Molecular Biology & Biotechnology/ Chemistry/ Biochemistry/ Agriculture/ Fishery Science/ Genetics  |
|         | 5. | Environmental Science     | 02 | <b>Eligibility:</b> 55% Marks in M.Sc. (Environmental Science / Chemistry with experimental laboratory experience and field exposure)   |
|         | 6. | Mathematics               | 06 | 02 (Two):55% Marks in M.Sc. in Mathematics with desirable specialization in Operations Research/ Fuzzy sets & Systems/ Data Science or Allied areas)<br>01 (One):55% Marks in any branch of Pure Mathematics with   |

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|                  |     |                                   |    | analysis background.<br>02 (Two): 55% Marks in M.Sc. in Mathematics with desirable specialization in Differential Geometry<br>01 (One): 55% Marks in M.Sc. in any branch of Applied Mathematics  |
|                  | 7.  | Microbiology                      | 05 | <b>Specialization:</b> Open<br><b>Eligibility:</b> 55% Marks in M.Sc. Microbiology / Life science  |
|                  | 8.  | Molecular Biology & Biotechnology | 02 | <b>Eligibility:</b> 55 % marks in M.Sc. in Molecular Biology and Biotechnology / Microbiology.   |
|                  | 9.  | Physics                           | 09 | 06 (Six):CSIR NET JRF/ with own fellowship<br>03 (Three): Open<br><b>Eligibility:</b> 55% Marks in M.Sc. Physics   |
|                  | 10. | Physiology                        | 04 | <b>Eligibility:</b> 55% Marks in M.Sc. Physiology/ allied science  |
|                  | 11. | Zoology                           | 10 | 02 (Two): Specialization: Open<br>02 (Two): JRF (CSIR NET/ DBT/ICMR/ICAR) desirable<br>01 (One): Any branch of Life Science with NET/SET/GATE<br>05 (One): Open<br><b>Eligibility:</b> 55% Marks in M.Sc. Zoology or any branch of Life Science  |
| <b>EDUCATION</b> | 1.  | Education                         | 04 | 01 (One): Educational Psychology<br>01 (One): International Education<br>01 (One): (i) History of Education, (ii) Women Education & Empowerment<br>01 (One): Teaching Strategies<br><b>Eligibility:</b> M.A. /M.Sc. In Education with 55% marks (Preceded by 3 years Hons. Degree) OR M.Ed. With 55% marks (Preceded by 3 years Hons. Degree) M.A. / M.Sc. In Education 55% marks with B.Ed. Degree (Preceded by 3 years Hons. Degree) |
|                  | 2.  | Physical Education                | 09 | 03 (Three). Specialization: Health and Fitness<br>02 (Two). Specialization: Aging and Exercise<br>03 (Three). Specialization Yoga, Sports, Psychology and Anthropometry<br>01 (One). Specialization: Exercise Physiology<br><b>Eligibility:</b> M.A. /M.Sc. In Physical Education with 55% marks   |
| <b>ETM</b>       | 1.  | Business Administration           | 04 | 02 (Two):MBA with specialization in Marketing Management (Major)<br>02 (Two): MBA with specialization in Financial Management preceded by B.Sc. (H) in Mathematics/ Statistics   |
|                  | 2.  | Computer Science                  | 02 | <b>Specialization</b><br><b>02 Seats:</b> Computational Geometry, Facility Location, Algorithms<br><b>Eligibility:</b> M.Tech. in Computer Science and Engineering MCA/ M.Sc. in Computer Science or relevant subjects   |