



**UNIVERSITY OF  
KALYANI**

**NOTIFICATION**

**Ref:** SEC, FC(PG)/Notification/Ph.D.vacancy/2023/DP-1450

**Date:** 09<sup>th</sup> July, 2023

With reference to advertisement Adv. No. Ph. D./14/2022, & Adv. No. Ph.D./15/2023, this is for information of all concerned that the No. of Vacancy in Ph.D admission KURET-22 is mentioned herewith.

**Ph.D. Vacant List 2022**

**Eligibility and Number of Vacant Seats**

Faculty	Sl. No.	Department	Ph.D. Vacancy		Specialized area and eligibility criteria
<b>ARTS &amp; COMMERCE</b>	1.	Bengali	Kalyani University 13	Baharampore College 2	<b>Specialization:</b> Open <b>Eligibility criteria:</b> 55% Marks in M.A. Bengali
	2.	Commerce	10		<b>Specialized area</b> accounting and finance. <b>Eligibility criteria:</b> 55% marks in M.Com. or 55% marks in M.A./ M.Sc. in Economics or 55% marks in CA/CMA/CS/PGDM(Finance)/MBA (Finance)
	3.	Economics	20		<b>Specialization:</b> Open <b>Eligibility criteria:</b> 55% marks in M.A./ M.Sc. in Economics
	4.	Folklore	08		<b>02 (Two)</b> Specialization: M.A. in Folklore or any Post Graduate in Humanities, Social Science & Fine Arts. <b>02 (Two)</b> Open <b>02 (Two)</b> Specialization: M.A. in Folklore or any Post Graduate in Humanities, Social Science & Fine Arts. <b>02 (Two)</b> Specialization: M.A. in Folklore or any Post Graduate in Humanities, Social Science & Fine Arts <b>Eligibility:</b> 55% Marks in M.A. in Folklore or any Post Graduate in Humanities, Social Science & Fine Arts.
	5.	Hindi	Kalyani University 6	College 4	<b>Specialization:</b> Open <b>Eligibility:</b> 55% Marks in M.A. Hindi
	6.	History	Kalyani University 7	Baharampore College 2	<b>Specialization:</b> Open <b>Eligibility:</b> 55% Marks in M.A. History
	7.	Library & Inf. Sc.	04		<b>Specialization:</b> Open <b>2 Seats :</b> <b>1 Seat :</b> Specialization 1: AI/ML Applications

				<b>1 Seat:</b> Specialization 1: Scientometrics) <b>Eligibility:</b> 55% Marks in M.A.
	8.	Rural Dev. Studies	08	<b>Specialization</b> 1. MRS/MRDM (2) 2. M.A./M.Sc. in Economics (1) 3. M.A. in Public Administration/ Political Science (1) 4. P.G. in Rural Development Studies/Rural Development &Management/ Rural Development (2) 5. P.G. in Rural Development Studies/Rural Development &Management/ Rural Development(1) 6. MBA/MA or M.Sc.in Geography (1) <b>Eligibility:</b> 55% Marks in MRS or Allied Subject
	9.	Visual Arts	02	<b>Specialization:</b> in Visual Arts, M.F.A/ M.V.A from UGC recognized University <b>Eligibility:</b> 55% Marks in MFA / MVA
	10	Philosophy	01	<b>Specialization:</b> Open <b>Eligibility criteria:</b> 55% Marks in M.A. Philosophy
SCIENCE	1.	Biochemistry & Biophysics	10	<b>2 Seats:</b> Structural Biophysics/Biochemistry, Bioinformatics <b>2 Seats:</b> M.Sc. in any Branch of Life Sc. With knowledge of Bioinformatics and Computational Biology, ME/M. Tech in Computer Sc./IT with good programming skills, MCA with good programming skills. <b>06 Seats:</b> Open <b>Eligibility:</b> 55% Marks in M.Sc. Bio-Chemistry/ Bio Physics and Life Science
	2.	Botany	08	<b>01Seat:</b> M.Sc. in Botany, Agriculture, Biotechnology or any disciplines of Life Science. With any <b>Specialization preferred:</b> Plant Physiology/ Biochemistry and Plant Molecular Biology/ Plant pathology/ Pteridology, Genetics and plant breeding/ horticulture etc complying the Ph.D. guideline of KU <b>01Seat:</b> M.Sc. in Botany or any disciplines of Life Science. <b>Specialization preferred:</b> Plant Physiology, Biochemistry and Plant Molecular Biology <b>01Seat:</b> (55% marks in M.Sc. Botany with <b>Specialization:</b> Genetics & Plant Breeding) <b>03 Seats:</b> M.Sc. in Botany with any branches of <b>specialization:</b> complying the Ph.D. guideline of KU <b>01Seat:</b> (Mycology & Plant Pathology as special paper) <b>01Seat:</b> Phycology/ Ecology & Biodiversity/ Plant Physiology & Biochemistry <b>Eligibility:</b> 55% Marks in M.Sc. in Botany / Zoology / Microbiology or any branch of Life Sciences
	3.	Chemistry	32	<b>12 Seats:</b> M. Sc in Chemistry with any specialization <b>10 Seats:</b> M.Sc. in Chemistry with Specialization in Organic Chemistry <b>01 Seat:</b> M.Sc. in Chemistry with specialization in Physical Chemistry <b>02 Seats:</b> M.Sc. in Chemistry with specialization in

				<p>Inorganic Chemistry  <b>02 Seats:</b> M.Sc. in Chemistry with specialization in Analytical/Inorganic/Organic Chemistry  <b>02 Seats:</b> M. Sc in Chemistry/Biochemistry/Biophysics (2 Seats)  <b>03 Seats:</b> Open  <b>Eligibility:</b> 55% Marks in M.Sc.</p>
4.	Ecological Studies	10		<p><b>03 Seats:</b> Environmental Management, Environmental science, Microbiology, Biotechnology, Biochemistry, Zoology. Aquaculture &amp; Fisheries, Environmental Chemistry, All Branches of Biology  <b>07 Seats:</b> Open  <b>Eligibility:</b> 55% Marks in M.Sc. in Environmental Science/ Environmental Management/ Zoology/ Botany/ Microbiology/ Molecular Biology &amp; Biotechnology/ Chemistry/ Biochemistry/ Agriculture/ Fishery Science</p>
5.	Environmental Science	02		<p><b>02 Seats: Specialization:</b> in Environmental Chemistry.  <b>02 Seats:</b> Open  <b>Eligibility:</b> 55% Marks in M.Sc. (Environmental Science / Chemistry/ Life science)</p>
6.	Geography	06		<p><b>06 (seats)</b> M.A./ M.Sc. in Geography as per UGC norms.  <b>Specialization :</b> NIL  <b>Eligibility:</b> 55% Marks in M.A. / M.Sc. Geography</p>
7.	Mathematics	12		<p><b>04 Seats:</b> M.Sc. in Mathematics; Specialization in Fuzzy sets &amp; Systems/Operations Research preferable  <b>02 Seats:</b> Operations Research and Optimization techniques  <b>01 Seat:</b> Ergodic theory and combinatorics  <b>02 Seats:</b> Any Branch of pure mathematics, with knowledge in analysis 03 (Seats)  <b>02 Seats:</b> Complex analysis  <b>01 Seat:</b> Mathematical Biology  <b>Eligibility:</b> 55% Marks in M.Sc. Mathematics</p>
8.	Microbiology	04		<p><b>Specialization:</b> Open  <b>Eligibility:</b> 55% Marks in M.Sc. Microbiology / Life science /Allied Science</p>
9.	Molecular Biology & Biotechnology	02		<p><b>Specialization:</b>  1. M.Sc. in Life Sc. With at least 55% marks.  2. CSIR-UGC JRF (life Sc.)  <b>Eligibility:</b> 55 % marks in M.Sc. Molecular Biology / Microbiology / Biotechnology/any branch of Life Science</p>
10.	Physics	11		<p><b>09 Seats:</b> Condensed Matter Physics/Materials Science  <b>02 Seats:</b> Materials Science, Electronics (M.Sc./M. Tech.)  <b>Eligibility:</b> 55% Marks in M.Sc. Physics</p>
11.	Physiology	03		<p><b>02 Seats:</b> M.Sc. in Physiology Specialization in any; Endocrinology and Reproductive Physiology,</p>

				Biochemistry and Cell biology, Environmental Physiology, Nutrition. <b>01 Seat:</b> Candidate with Environmental Physiology and/or Molecular Neurotoxicology as specialized area <b>Eligibility:</b> 55% Marks in M.Sc. Physiology & allied science
	12.	Zoology	18	<b>Specialization :</b> Open <b>Eligibility:</b> 55% Marks in M.Sc. Zoology or any branch of Life Science
EDUCATION	1.	Education	31	<b>02 (Two)</b> Health Education <b>02 (Two)</b> Environmental Education <b>05 (Five)</b> Teacher Education <b>04 (Four)</b> Art Education, Vocational & Work Education, Cultural Education <b>03 (Three)</b> International Education <b>04 (Four)</b> History of Education, Women Education & Empowerment <b>05 (Five)</b> Educational Psychology <b>06 (Six)</b> Teaching Strategies  <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.	Lifelong Learning & Extension	02	<b>Specialization :</b> Open <b>Eligibility:</b> 55% Marks in M.A. in Lifelong Learning & Extension/Adult Education/Sociology/Continuing Education
ETM	1.	Business Administration	04	<b>Specialization :</b> Open <b>Eligibility:</b> Not mentioned
	2.	Computer Science	14	<b>Specialization</b> <b>03 Seats :</b> Pattern recognition, Soft Computing, Digital image processing, Data mining <b>02 Seats:</b> Data mining, Machine Learning, Soft Computing, Bioinformatics, Crowdsourcing <b>02 Seats:</b> Blocking echnology, Cloud Computing, Semantic Web, Mobile and Wirless Computing, Optical Networks <b>03 Seats:</b> Confidence Based Learning and assessment, Similarity Assessment, ML-based Steganography, Security and Authentication <b>02 Seats:</b> Computational Geometry, Facility Location, Algorithms <b>02 Seats:</b> Mobile Computing, Cloud Computing  <b>Eligibility:</b> M.Tech. in Computer Science and Engineering MCA/ M.Sc. in Computer Science or relevant subjects

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Secretary, Faculty Councils (PG)