

# University of Kalyani



Kalyani, Dist: Nadia

West Bengal-741235

**Employment Notification: Rect./01/FTCAF/2019**

**Dated: 05.07.2019**

University of Kalyani invites applications from eligible candidates for walk-in interview for the following posts of **Full Time Contractual Faculties** in the **M.Sc. Courses** purely on contractual basis for **M.Sc. Courses in (A) Genome Science, (B) Data Science, (C) Nanoscience & Nanotechnology under School of Interdisciplinary studies, and M.Sc. Courses in (D) Computer Science and (E) Food & Nutrition under ETM/Science faculty. Retired Professors/Scientists can apply as Emeritus Adjunct Faculty.**

The Candidates are requested to send their details CV (not more than 10 pages) to [interdisciplinarycourse@klyuniv.ac.in](mailto:interdisciplinarycourse@klyuniv.ac.in) cc to [vckuconfidential@gmail.com](mailto:vckuconfidential@gmail.com) . After the deposition of application fee of Rs. 500/- at the “University of Kalyani A/c SB Collect” through online SB Collect of State Bank of India <https://www.onlinesbi.com>.

Candidates must appear in the interview with hard copies of their applications as *submitted through mail* along with photocopies of all mark sheets and testimonials. Original mark sheets and testimonials must be produced for verification.

## Details of the Post(s):

Faculty	Department	Description of the Post	No. of Post	Monthly Emoluments
<i>School of Interdisciplinary Studies</i>	(A) Genome Science	Full Time Contractual Faculty	2	<b>Rs. 40,000/-</b> (consolidated)
		Emeritus Adjunct Faculty	1	Negotiable
	(B) Data Science	Full Time Contractual Faculty	2	<b>Rs. 40,000/-</b> (consolidated)
		Emeritus Adjunct Faculty	1	Negotiable
	(C) Nanoscience & Nanotechnology	Full Time Contractual Faculty	2	<b>Rs. 40,000/-</b> (consolidated)
		Emeritus Adjunct Faculty	1	Negotiable
<i>Faculty of Science</i>	(D) Computer Science	Full Time Contractual Faculty	2	<b>Rs. 40,000/-</b> (consolidated)
		Emeritus Adjunct Faculty	1	Negotiable
	(E) Food & Nutrition	Full Time Contractual Faculty	2	<b>Rs. 40,000/-</b> (consolidated)
		Emeritus Adjunct Faculty	1	Negotiable

## Qualifications for Full Time Contractual Faculty:

**Essential qualifications for (A), (B) and (C):**

Good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) at the M. Tech/M. Sc. degree level in a relevant subject from an Indian University/Institute, or an equivalent degree from an accredited foreign university. ***Candidates with M. Tech. degree, who have submitted Ph.D. Thesis and have not been awarded yet may also be eligible to apply.*** M.Sc. candidates should have Ph.D. degree in the concerned/allied/relevant disciplines as follows:

**(A) Genome Science:** Biotechnology, Molecular Biology, Molecular Biotechnology, Biochemistry, Genetics, Bioinformatics, Cancer Genomics, DNA Sequencing Technologies, Big Data analysis, Genetic Variations, Statistical Genomics, Biodiversity-OMICS, Population genetics and related disciplines

**(B) Data Science:** Computer Science, Information Science, Big data analytics, soft computing, Electronic Science, Mathematics, Statistics, Physics, Chemistry, Any branch of Life Sciences and related disciplines

**(C) Nanoscience & Nanotechnology:** Nanobiology, Nanotechnology, Nano-Structured Materials, Cancer mechanobiology, Autophagy, Nanoparticle-based drug delivery, Microbial & animal cell culture, Microfluidic, Tissue engineering, Scanning Electron Microscopy, Confocal and Fluorescence microscopy, Flow Cytometry and related disciplines

**Essential qualifications for (D):**

Good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) at the M.C.A./M.E./M.Tech/M.Sc. degree level in Computer Science/ Computer Science & Engineering/ Computer Science & Technology from an Indian University/Institute, or an equivalent degree from an accredited foreign university. ***Candidates with M. Tech. degree, who have submitted Ph.D. Thesis and have not been awarded yet may also be eligible to apply.*** Candidates without having Ph.D. degree must have cleared NET/SLET/SET examination.

**Essential qualifications for (E):**

Good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) at the M.Tech/M.Sc. degree level in Nutrition or any related field (for example, food studies, food science, food administration, food technology, nutrition, dietetics, or agriculture, public health, physical education etc.) from an Indian University/ Institute, or an equivalent degree from an accredited foreign university. For the M.Tech degree holders, PhD award awaiting candidates are also eligible. M.Sc. candidates should have Ph.D. degree in nutrition or related fields associated with food and nutrition. Candidates without having PhD degree must have cleared NET/SLET/SET examination.

**Desirable qualifications for (A) - (E):**

- **Qualified in NET/SLET/SET/GATE.**
- Post Ph.D. research/teaching/professional experience in an academic/research institute.
- Expertise in handling high throughput instruments supported with publications in high impact SCI journals (Peer reviewed).
- The candidate should have significant practical experience to above-mentioned concerned/allied/relevant disciplines, respectively.
- The candidate should have sound knowledge of computer programming (for Data Science and Computer Science)
- The candidate must have the good ability to write and speak in English.

### **Qualifications for Emeritus Adjunct Faculty:**

Retired Professors/Scientists from recognized university/institute having knowledge in the respective areas (mentioned above) are encouraged to submit their updated (**not more than 10 pages with any web link**)

CV to [interdisciplinarycourse@klyuniv.ac.in](mailto:interdisciplinarycourse@klyuniv.ac.in)

cc to [vckuconfidential@gmail.com](mailto:vckuconfidential@gmail.com)

### **Walk in interview at University of Kalyani Administrative Building:**

<b>PG Courses</b>	<b>Date</b>	<b>Time</b>
(A) Genome Science	20-07-2019 (Saturday)	11.00 A.M. onwards
(B) Data Science	20-07-2019 (Saturday)	11.00 A.M. onwards
(C) Nanoscience & Nanotechnology	20-07-2019 (Saturday)	11.00 A.M. onwards
(D) Computer Science	19-07-2019 (Friday)	11.00 A.M. onwards
(E) Food & Nutrition	19-07-2019 (Friday)	11.00 A.M. onwards

**Please bring all testimonials, publications, experience etc with Xerox copies**

### **Note 1: Relaxation of Marks for Recruitment of Full Time Contractual Faculty:**

1. The eligibility of 55% marks (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible, based on only the qualifying marks without including any grace mark procedure.
2. A relaxation of 5% in the eligibility in other terms may be allowed at the Post Graduate level for the Schedule Castes / Scheduled Tribes / Differently-abled (physically and visually), other Backward Classes (Non-Creamy layer) for assessing good academic records during direct recruitment to the teaching position.
3. All the essential qualification must have been obtained from a recognised University /Institute. By a University /Institute is meant a University /Institute affiliated to UGC/other statutory apex bodies, or recognised by State or Central Government as a centre for higher learning. In case of a foreign University, the Degree concerned should be recognized as equivalent to its Indian counterpart by the Association of Indian Universities.

*Sd/-  
Dy. Registrar*



# University of Kalyani

## Introducing New Courses in School of Interdisciplinary Studies 2019-20 Session

### Highlights of the Interdisciplinary M.Sc. Courses

- \* Two Years (4 Semester) self-financed CBCS curriculum based M.Sc. Programme
- \* Extensive on-the-bench training utilising the state-of-the-art instrumentation facility of the University of Kalyani and other National Institutions.
- \* Lectures by renowned faculties in-house and other reputed institute and abroad.
- \* ICT-enabled classrooms and high throughput laboratory facilities.
- \* Cyber classes by renowned faculties from nationally and internationally acclaimed Universities / Institutes.

#### M.Sc. in Genome Science

- \* Introducing M.Sc. Programme in Genome Science is first-of-its-kind initiative in Eastern & North Eastern India
- \* To enhance knowledge and skill development by providing a flexible, inter-disciplinary courses in Genomics as both basic and applied level to different stake holders (Research lab to public domain)
- \* Candidates will have the scope to develop their skills & expertise in
  - \* Animal, Plant and Microbial Genomics
  - \* Human Genetics
  - \* Advanced Molecular Biology Tools and Techniques
  - \* Pharmaco-genomics
  - \* Epigenetics
  - \* Proteomics
  - \* Bioinformatics
  - \* Big Data Analysis
 to build carrier as a Genome science professional in Health Care, Biotechnology industries, Pharmaceutical industries, Forensic departments, Agricultural Biotechnology Industries and Education Institutions.

#### M.Sc. in Data Science

- Help candidates in mastering data science tools and techniques like
  - \* Statistical analysis of data
  - \* Machine learning
  - \* Clustering and neural network
  - \* Soft computing
  - \* Cloud infrastructure
  - \* IoT and other Data Science Application
  - \* Big data analytics with Hadoop and Apache Spark
- Candidate will be able to code data science programmes using Python/R and gain from implementation of some data science related projects.
- Help candidates to develop required skill set building a carrier as a data science professional in industry, as an entrepreneur to establish a start-up or as a researcher in some R&D organization.

#### M.Sc. in Nanoscience & Nanotechnology

- \* To enhance knowledge and skill development by providing a flexible, inter-disciplinary courses in Nanoscience & Nanotechnology as both basic and applied level to different stake holders (Research lab to public domain)
- \* Candidates will develop concept and technical expertise in
  - \* Nano Structuring
  - \* Nano Devices
  - \* Characterization/fabrication techniques
  - \* Utilizing Solar energy and its power in most effective way
  - \* Generation of medicine and drug delivery system
  - \* Agriculture and environmental research etc.
- \* Candidates will have the entrepreneurship opportunity in the related field of Nanobiotechnology, Biomedical research, Diagnostics, Agricultural Science etc.

#### Eligibility Criteria

Graduate from any discipline with Biology as a subject in 10+2 standard having minimum 55% marks or equivalent grade from any recognized University/Institute.

#### Eligibility Criteria

Graduate from any discipline with Mathematics as a subject in 10+2 standard having minimum 55% marks or equivalent grade from any recognized University/Institute.

#### Eligibility Criteria

Graduate from any discipline with Physics/ Chemistry as a subject in 10+2 standard having minimum 55% marks or equivalent grade from any recognized University/Institute.

#### Features & Facilities

- \* Internship programmes and projects in reputed Universities / Industries in India and abroad.
- \* Interactions with reputed company personnel in the respective fields and encouraging entrepreneurship programme
- \* Utilization of some State-of-the-art facilities in Kalyani University like Automated DNA Sequencer, NGS, NMR XRD, SEM, Confocal Microscopy and HPC.
- \* Job opportunities in the fields of Banking and Finance, E-commerce, Travel and Tourism, Healthcare, Biotechnology Industries, Pharmaceutical Industries, Forensics, Agricultural Industries and Educational Institutions.
- \* Dedicated Hostel facility & Bus service.
- \* Educational Loan Assistance

#### Admission procedure

For Online application & payment of application Fees please visit : <http://202.66.172.105/kalyani/>  
Application fees:  
Rs. 1000/- for General & OBC category  
Rs. 500/- for SC/ST category  
Rs. 400/- PWD category

#### Important dates

1. Online Application/Registration begins: 08.07.2019
2. Last date for Online Application: 24.07.2019
3. Date of Admission Test : 11.08.2019
4. Date of Interview: 22.08.2019 to 24.08.2019
5. Commencement of Classes: 05.09.2019

For further details visit: <http://202.66.172.105/kalyani/>

#### Selection procedure

Admission test will be of TWO papers [For each paper Full Marks: 50, 25 MCQ (2 marks each)]  
**Paper I:** General Studies & Domain Knowledge  
**Paper II:** Subject Specific Assessment

- \* If qualified in **Paper I, Paper II** will be evaluated and qualified candidates will be called for interview
- \* Final merit list will be prepared based on marks obtained in **Paper II (50) and Interview (50)**

#### Fees Structure:

- \* For students within the state of W.B. Rs. 40000 per semester
- \* For students outside the state of W.B. Rs. 50000 per semester
- \* For International Students 1500 USD

#### Fellowships:

- \* Meritorious Scholar
- \* Women
- \* Economically Backward

Contact: [interdisiplinarycourse@klyuniv.ac.in](mailto:interdisiplinarycourse@klyuniv.ac.in)