

**JADAVPUR UNIVERSITY
KOLKATA**

Ref. No.: REC/N/395/15
Date: 16.12.2015

N-O-T-I-C-E

RECRUITMENT OF FELLOWS UNDER DST-PURSE- PHASE-II

The University is going to recruit **thirty nine Research Fellows** in various Science & Engineering subjects under DST-GOI funded PURSE- II Project. A walk-in interview will be held in the office of the Head of the Departments and Director of the School at Jadavpur University on 5th & 6th January 2016 at 12:00 noon onwards for the following posts to the department/schools under the supervision of Head of the Department and Director of the School.

Details of Interview as mentioned below:

Department	Post	Date of Interview	Venue
Chemistry	JRF - (2 posts)	05.01.2016	Office of the respective Head of the Dept.
Geology	JRF - (1 post)		
Instrumentation Science	JRF - (2 posts)		
Life Sc. & Bio Tech.	JRF - (2 posts)		
Mathematics	JRF - (2 posts)		
Physics	JRF - (2 posts)		
Computer Sc.& Engg.	JRF - (2 posts)		
Electrical Engg.	JRF - (2 posts)		
E.T.C.E.	JRF - (2 posts)		
Information Technology	JRF - (2 posts)		
Met. & Mat. Engg.	JRF - (2 posts)		
I.E.E.	JRF - (2 posts)		
Mechanical Engg.	JRF - (2 posts)		
Power Engg.	JRF - (2 posts)		
Production Engg.	JRF - (2 posts)		
Printing Engg.	JRF - (2 posts)	06.01.2016	Office of the respective Director of the School
Sch. of Mat. Sc. & Nano Tech.	JRF - (1 post)		
Sch. of Education Tech.	JRF - (1 post)		
Sch. of Environmental Studies	JRF - (1 post)		
Sch.of Illumination Sc,Engg & Design	JRF - (1 post)		
Sch. of Laser Sc.& Engg.	JRF - (1 post)		
School of Nuclear Stud. & Appl.	JRF - (1 post)		
School of Water Resources Engg.	JRF - (1 post)		
School of Energy Studies	JRF - (1 post)		

Essential Qualification : M.Sc or B.E./B.Tech. degree in the respective subject with 55% marks with
(a) the NET/ NET (LS)/ GATE qualified candidates or
(b) Post Graduate Degree in Professional Course

Remuneration : Rs.25,000/-P.M. (HRA as admissible under DST norms)

Age: 28 years (relaxable upto 5 years in case of SC/ST/OBC/Women & Differently Abled candidates and other exception cases)

Duration: Two years

Interested candidates may appear in person directly in the interview with application on prescribed form (Price Rs.50/-) to be obtained from the Information Section of this University. Original as well as attested copies of Certificates, Mark Sheets and Testimonials are to be produced at the time of interview. No TA/DA is admissible.

The details of the specializations and other requirements are enclosed.

Dr. S. H. Talukder
REGISTRAR

H.O.D, Chemistry/Geology/Instrumentation Sc./Life.Sc.&Biotech/Math./Physics/E.E/M.E/I.E.E/I.T/ETCE/CSE/Production/Power/Printing/Director, Sch. Mat.Sc & Nano Tech/ S.E.T/ Sch of Energy Studies/ Sch of Water Resource Engg/Sch of Nuclear Stud./Sch of Laser Sc & Engg/Sch of Env.Studies/ Sch of Illumination Sc/ F.O./Registrar/CMCell/ Dean of Sci./Prof. S.C.Bhattacharya, Chemistry/Prof. Dipankar Sanyal-M. E./ Records-2

Sanyal
16/12/15

Sl.	Department / School	JRF	QUALIFICATIONS AND SPECIALISATIONS
1	Chemistry	2	M.Sc. in Chemistry with NET/ GATE qualification Duty: To look after and running the sophisticated instruments e.g. Gas Sorption and Pore size Analyzer, HRMS. X-Ray, diffractometer, Spectrophotometer etc.
2	Geology	1	M. Sc. In Geology/ Applied Geology with min. 55 % marks and NET/ NET-LS/ GATE qualified.
3	Instrumentation Sc.	2	(Post:01)M.Sc. in Physics/Instrumentation/ Electronics with min. 55% marks and NET Qualified, should have a good academic report and with knowledge in the area of thin film science& Technology. (Post:02)Master Degree in Physics/Instrumentation/ Electronics/ Chemistry/Computer Sc. with min. 55% marks and NET Qualified, should have a good academic report and with knowledge in the field of Biomaterials. For M.E/M.Tech students qualification should as per rules of DST-PURSE Scheme.
4	Life. Sc. & Biotech	2	M. Sc. in Life Science with min. 55% marks and NET/ NET-LS qualification (Post-1)Desirable: Experience in routine molecular biology, classical and molecular genetics of yeast Saccharomyces cerevisiae, experience in RNA biology such as isolation and purifications of RNA, northern and qPCR analyses, confocal imaging and protein-protein and RNA-protein interaction. (post-2) Desirable: Experience in Cell Culture Techniques and related Cell Biological methods, Gene knock down, site directed mutagenesis and PCR. Knowledge in the role of tumor suppression proteins and their regulation.
5	Mathematics	2	M.Sc. Degree in Math. with min. 55% Marks with NET/NET (LS) qualification
6	Met & Mat Engg.	2	First Class in B.E/ B.Tech. with GATE or M.E/ M.Tech. in Metallurgical/ Material Engg./ Mechanical/ Production/Chemical/ Ceramic
7	Mechanical Engg.	2	M.E/M.Tech in Mechanical/Automobile/Power Engg. Desirable: Exposure to experimental work in multiphase/reacting flow. Desirable: Knowledge in Tribological Testing/ Coating Tribology.
8	Physics	2	M.Sc. Degree in Physics/ Bio Physics/ Electronic Sc. subject with 55% marks with NET, GATE, SET qualified candidates.
9	Computer Sc. & Engg.	2	B.E/B.Tech or M.E/M.Tech in Computer Sc & Engg with min. 55% Marks with GATE qualification
10	E.T.C.E.	2	First Class Master's Degree (or equivalent Degree) and First Class Bachelor Degree (or equivalent) in Electronic and Telecommunication Engineering with specialization at master's level as Computer/Communication/ Control/ Microwave/Electron Device with GATE qualification. At least 75% marks at Bachelor level (B.E./B.Tech.)
11	Electrical Engg.	2	(Post:01) B.E./ B.Tech (or equivalent) in Electrical Engg/ Power Engg. With GATE Qualification Or M.E./M.Tech. (or equivalent) with specialization in Electrical Power system/ Power Engg. Desirable Qualification: (1) Exposure to research related to power system problems (2) Programming skill in MATLAB and SIMULINK (3) Exposure to power system simulation and analysis software packages (Post:02) B.E./ B.Tech (or equivalent) in EE/ EEE/ Instrumentation with GATE Qualification Or M.E./M.Tech. (or equivalent) with specialization in Electrical Machines/Illumination/ Instrumentation. Desirable Qualification: (1) Exposure to research work related to Electrical Machines/ Illumination/Instrumentation (at least one year) (2) Programming skill in MATLAB and SIMULINK and other relevant software (3) Knowledge in hardware implementation
12	I.E.E.	2	Master Degree (M.E/M.Tech) in Instrumentation and Electronics Engg or in an allied discipline. Desirable Qualification: Research experience in relevant discipline.
13	Information Tech.	2	B.E/B.Tech in Computer Sc & Engg. Or Information Technology or equivalent with 55% marks with NET, GATE, SLET qualification and two yrs. Of research experience OR M.E/M.Tech in Computer Sc & Engg. Or Information Technology or Electronic Engg. Or equivalent
14	Power Engg.	2	(1) B.E/ B.Tech in Mechanical Engg with M.E/M.Tech in Mechanical Engg/ Power Engg with GATE Qualification (2) B.E/ B.Tech in Mechanical Engg/ Electrical Engg/ Power Engg with M.E/M.Tech in Mechanical Engg/ Electrical/Power/Energy Engg
15	Printing Engg.	2	M.Tech Degree in relevant Engg with GATE Qualification. Desirable: Degree in Printing Engg (Bachelor and/or Master) or any equivalent branch of Engineering will be preferred
16	Production Engg.	2	B.E/ B.Tech in Mechanical Engg with M.E./M.Tech. in Mechanical Engg./ Production Engg. with GATE Qualification. Desirable: Manufacturing/ Ergonomics/ Robotics

17	School of Illumination Sc, Engg & Design	1	M.E./M.Tech in Illumination/Electronics/Elctrical/ Energy Engeering with GATE/ NET/ SLET qualification. Desirable: Knowledge on Illumination System including Components and handing of measuring Instruments.
18	School of Energy Studies	1	M.Tech In Energy Science & Technology
19	School of Nuclear studies & Application	1	B.E./B.Tech in Electronics/Electrical/ Instrumentation with M.E/M.Tech in Electronics/Electrical/ Instrumentation Engg./ Nuclear Engg. Must be GATE Qualification Desirable: M.E/M.Tech in Nuclear Engg.
20	School of Laser Sc. & Engg.	1	B.E./B.Tech. in Mechanical/Production/Manufacturing/ Equivalent discipline Desirable: M.E/M.Tech in Laser Sc.& Engg/Mechanical Engg/Production Engg/ Manufacturing/ Equivalent discipline
21	School of Education Tech	1	B.E./ B.Tech. in Information Tech or Computer Sc.& Engg. Or equivalent with 55% marks and GATE/NET/SET qualification with two yrs. Of research experience in the relevant field OR Master Degree in Information Tech or Computer Sc.& Engg. Or M. Tech in I.T. (Courseware Engineering) or equivalent. Desirable: Experience in Education Tech./Multimedia Databases/ Quality Assurance of e-material/Open Learning Systems/ m-Learning/ Animation Techniques/ Software Systems/Wireless Security/ Image Processing/Pattern Recognition.
22	School of Environmental Studies	1	M.Sc. (Chemical/ Life Science) with 55% marks or 1 st Class M.Tech/ M.Pharm (Chemical/Food Tech./ Biotechnology/ Pharmacy)
23	School of Material Sc & Nano Tech.	1	M.Tech in Nano Science and Technology/ M.Sc. Physics/ M.Sc. in Chemistry with NET/ GATE qualification. Working experience in Nano Science and Technology and related areas may get preference.
24	School of Water Resources Engg	1	M.E./ M.Tech in Water Resources & Hydraulic Engg./ Tech with GATE qualification.