JRF – CSIR

CSIR (JRF) : A certain number of Research Fellowships are awarded each year by CSIR to those holding MSc or equivalent degree, with minimum 55% marks after qualifying the National Eligibility Test (NET) conducted by CSIR twice in a year.

a.   **Application Procedure:** Applications for Junior Research Fellowship(JRF) are invited twice a year through press advertisement on all India basis in the prescribed application form. The completed application form may be submitted to the Controller of Examinations, Examination Unit, CSIR Complex Building, Opp. Institute of Hotel Management, Pusa, New Delhi –110 012.

b.   **Age Limit:** The upper age limit for JRF shall be 28 years which is relaxed upto 5 years in the case of candidates belonging to Schedule Castes/Schedule Tribes, Women, Physically Handicapped and OBC applicants.

c.   **Selection Procedure:** The Selection for award of JRF shall be made on the basis of a competitive written test called the National Eligibility Test (NET), conducted by CSIR at national level and consisting of two papers. Paper – 1 is objective type consisting of Part (A) general nature and part (B) is subject type. It tests the mental ability and broad awareness of scientific knowledge at the rudimentary level. The second paper is to be selected from the amongst (1) Chemical Sciences (2) Earth, Atmosphere, Ocean and Planetary Sciences (3) Life Sciences, (4) Mathematical Sciences and (5) Physical Sciences. The second paper requires short descriptive answers to questions. Usually examinations are held for a day on the third Sunday in June and December, each year. The candidates who qualify in the test are informed individually after the result is finalized. The Fellowship is awarded on receipt of necessary details of the qualifying degree examination, place of work, research topic, the name of supervisor and the concurrence of the Institution to provide all the necessary facilities. The validity of the offer of this award will be one year. The candidate is expected to register for Ph.D degree within a period of one year from the date of joining.

d.   **Stipend & Tenure**

i)   The stipend of a JRF selected through the all India test will be Rs 12000/- p.m for a period of 2 years. In addition, annual contingent grant of Rs. 20,000/- per fellow will be provided to the University / Institution. The guidelines for utilization of contingent grant are given in Annexure – II.

ii)   On Completion of two years as JRF, the stipend may be increased to Rs. 14000/- p.m for the 3rd and subsequent year, on the basis of assessment of Fellows' research progress/ achievements through interview by an Expert Committee consisting of the Guide, Head of the Department and External Member from outside the University/ Institution who is an expert in the relevant field, not below the rank of Professor/ Associate Professor. As far as possible the External Member should be the chairman of 3 member Committee. Where the guide happens to be the Head of the Department, the Dean, Faculty of Science or any senior member of the Department may be associated as the third member of the Committee (ANNEXURE-III). On upgradation, the designation of JRF will be changed to SRF (NET). In the event of the Committee not recommending upgradation the candidate will continue as JRF with a stipend of Rs 12000/- p.m for the 3rd year or his fellowship may be terminated depending upon the decision of the Committee. The progress of research work of JRF will be assessed again at the end of 3rd year for such upgradation. It is expected that Fellows will have published work to their credit by the end of 3rd year. This shall form an important quantitative and qualitative criterion for judging the progress made by the candidate. If the work of JRF is still not found satisfactory for upgradation, the fellowship will be terminated. Extension of tenure of SRF (NET) for the 4th year will be on the basis of the progress report and recommendation of the guide. The 5th year extension as SRF (NET) is

permissible on the recommendation of three members assessment Committee and progress report duly supported by publications in the form of reprints/preprints/manuscripts of the paper published, accepted or communicated for publication (Annexure IV).

The total tenure as JRF plus SRF (NET) will not exceed five years. This will include the tenure of Fellowship awarded by UGC/DST/ICMR/ICAR etc or any other funding agency/Institution. The order for continuation at the same rate of stipend as SRF(NET), continuation at the same rate of stipend as JRF or otherwise will be issued by the EMR Division of HRDG, CSIR. Extension may not also be granted if the fellow does not acknowledge support of CSIR in his research publication.

JRF - GATE (CSIR)

INTRODUCTION : CSIR has introduced a new research fellowship in 2002 for the GATE qualified candidates with BE/ BTech/ BArch/ BPharm degree to pursue research leading to PhD. This will be known as the GATE qualified Junior Research Fellowship (JRF-GATE). JRF's selected under this scheme will have excellent opportunity to work with the CSIR scientists with state-of-art R&D facility and obtain PhD degree. These fellowships are tenable only at CSIR laboratories.

a. **Who Can Apply**: Candidates fulfilling any of the criteria given below are eligible to apply :

> Fresh BE/ B Tech degree holders with valid GATE score. The selected candidates will have to pursue Ph.D. There can be two possibilities under this:

  - Get direct admission to Ph.D programme of University/ IIT/ NIT/REC etc.

  - After joining as JRF-GATE, the candidate may pursue MTech as a part of PhD programme, where their thesis semester (last semester) should be spent at the CSIR laboratory relating to lab specialization in order to keep the continuity for the PhD programme.

<div align="center">OR</div>

> Those who are starting the thesis semester of ME/ MTech programme and having valid GATE score and desirous of pursuing PhD.

  It may be noted that these candidates have to work on their PhD problem and **should not** be employed in sponsored projects.

b. **Who Are Not Eligible:** MTech candidates (either with BTech/ MTech or with MSc/ MTech) are not eligible for this fellowship. They have a separate opportunity for direct SRFship through interview. All those eligible for direct CSIR SRF cannot apply for this fellowship.

c. **Age Limit:** The upper age limit for JRF shall be 28 yrs which is relaxable upto 5 years in case of candidates belonging to Scheduled Castes/ Scheduled Tribes, women, physically handicapped and OBC applicants.

d. **Stipend & Tenure:** The fellowship is to be given to a candidate for a total duration of five years within which the candidate is required to complete the PhD degree. This fellowship amount is Rs 12000/- plus HRA per month. In addition, contingency grant of Rs 20,000/- per annum (calculated on pro rata basis for fraction of a year) is available to each fellowship as per the CSIR guidelines.

Further on completion of two years as JRF-GATE, the fellowship may be upgraded to SRF-GATE and stipend may be increased to Rs 14000/- per month in the subsequent years on the basis of assessment as per normal CSIR rules. In exceptional cases where the fellow has completed MTech within one year of joining JRF-GATE, the Director may assess the performance of the fellow (through a three member assessment committee) and recommend upgradation of the fellowship to SRF-GATE. All other conditions of JRF-NET will apply.

e. **Selection Procedure:** Selection of these GATE qualified JRF's can be done by the Director of the CSIR laboratories and forwarded to Head, HRDG for the issue of requisite award letters. Director may permit the candidate to provisionally join JRFGATE subject to meeting the eligibility criteria and issue of formal award letter from HRDG.

IMPORTANT POINTS TO BE NOTED

> JRF-GATE should register for PhD within two years of joining, otherwise the fellowship is deemed to be cancelled and withdrawn. Intimation about PhD registration is to be sent to HRDG.

> Aim of JRF-GATE is to attain academic excellence and to generate high level science and these fellows are expected to contribute to lab research through a suitable PhD program.

> JRF-GATE are not to be deployed in any sponsored project.

As a matter of fact, may Indian universities do not allow candidates with BE/B.Tech/B.Pharm for admission into Ph.D program. IICT made all efforts to enable the GATE – JRF to register for Ph.D and finally evolved a scheme and entered into a MOU with Osmaina University. As per the scheme, B.Tech in Chemical Engineering students can take admission into Integrated Ph.D program. After successfully completion of M.S degree, the students are given admission into Ph.D program.

Similarly CSIR-GATE-JRF in pharmacy streams can register for Ph.D in Kakatiya University. As per this program, the candidates are given admission in M.Pharm course and after successful completion of the course, they are permitted to register for Ph.D.

JRF – Project

IICT engages CSIR-NET Lectureship qualified candidates as Junior Research fellows in Government funded projects like DST, DBT and also in other sponsored and consultancy projects. Applications are invited from the Lectureship qualified candidates by displaying the advertisement on the Notice Boards of Local National Laboratories, Universities as per the requirement of the projects. These Lectureship qualified candidates are designated as JRF (Project).

SRF (CSIR)

All applications are scrutinized and selection is made by the committee duly constituted by Director, IICT. All the JRF's project who complete a tenure of one year 10 months with two Publication/Patents are permitted to register for Ph.D. The rules and regulations are as applicable to CSIR/UGC Research Fellows. All JRF – Project with two years R&D experience with good publications in IICT, can apply for CSIR – SRF (direct).

Application for CSIR – SRF (direct) generally called for twice in a year by HRDG, CSIR.

PROJECT ASSISTANT

1. **Objective and Scope of Training**:

   CSIR has given a boost to the HRD by permitting National Laboratories to engage Project Assistants in sponsored projects. As part of this initiative, the IICT has formulated a scheme to train the qualified youngsters both at Degree and Post-Graduation level by giving them an opportunity to work in Research Projects, Bench Scale Units, Pilot Plant units and help them in learning and working with the latest analytical instruments.

   b. **Levels / Qualification / Stipend / Age Limit:**

      Levels Qualifications Amount of Stipend Age

      Level-I 1st Class B.Sc./3 years Diploma ; Rs.5,000/- P.M ; 28 years

      Level-II 1st ClassM.Sc./BE./B.Tech./MBA etc.: Rs.8,000/- P.M ; 28 years

      Level-III 1st Class ME./M.Tech.; Rs. 10,000/- P.M ; 28 years

      Level-IV Ph.D ; Rs.12,000/- P.M ; 30 years

      1. Age relaxation for SC / ST / OBC candidates as per GOI Instructions.

2. No HRA/Increment, Medical facilities except in emergency.

c. **Mode of selection:**

1. Through advertisement in local newspapers and IICT website.

2. Preliminary screening by a internal expert Screening Committee.

3. Through written test and interview for final selection.

d. **Termination:**

1. Engagement is Co-terminus with duration of the project.

2. Engagement is for a total period of five years.

3. Subject to availability of funds in the projects and duration.

e. **Future Benefits:**

1. Can directly apply and qualify for CSIR-SRF with R&D experience gained (mainly for M.Sc/B.Tech/M.Tech candidates).

2. Candidates who complete their project Assistantship will be given a certificate at the end of the tenure.

f. **Limitation:**

Permitted to register for Ph.D if qualified for NET (CSIR/UGC-JRF or Lectureship) conducted by CSIR.

STUDENT TRAINING (IICT)

1. **Dissertation Project Work:**

   1. **Objective and Scope of Training:**

      The overall objective of this scheme is to impart and enhance the skills of the students in a real time work environment by offering them to carry out their project work as a partial fulfillment to the award of their degrees and at the same time educating them to face future challenges effectively.

   2. **Minimum Qualifications:**

      The final year student of B.E/B.Tech/M.Sc/MBA/MCA/M.Tech /B.Pharm/M.Pharm from various Universities / Institutes are eligible to be considered as Student Trainee to carry out their project work as a partial fulfillment to the award of their degrees.

   3. **Age Limit along with Provision for Age Relaxation:**

      Not applicable.

   4. **Duration of the Training:**

      Not less than 3 months and upto a maximum of 6 months for M.Sc and B.Tech students for a maximum period of 1 year to B.Pharm/M.Tech students.

   5. **Stipend:**

      In case of joint training programmes with academic institutions with reciprocal training arrangements, the Student Trainees will be paid a stipend of Rs. 800/- per month on prorata basis. (eg: BITS, Pilani). For other colleges/universities no stipend will be paid during the period of training.

   6. **Special Conditionalities:**

      The Student Trainees tenure is for a minimum period of 3 months and upto a maximum period of six months. The intake of Student Trainees does not entitle them an offer of appointment in a CSIR institution either on temporary or permanent basis. It is just an offer to the Graduate/Post Graduate students to carry out their project work as a partial fulfillment to the award of their degrees. It would, therefore, not confer any

right / claim implicit or explicit for consideration for regularization / absorption against any CSIR post in the Institute. Student Trainees have to work on their projects under the guidance of Senior Scientists/Project Leaders, identified by the institute (committee) based on the subject of their project work After finishing the work, they have to submit a copy of the summary of their project work in a Report form to the Institute after which a certificate will be issued to them.

Obligation of Student Trainee:

He/She will submit himself/herself to the disciplinary regulation of laboratory. The trainee should carry the identity card always to the office without fail. No trainee shall discontinue his/her training without prior approval/prior completion of the tenure. In case if he/she likes to discontinue before completion of training, he/she must submit resignation through the Project Leader one month in advance indicating specific reason for not continuing the training. The training shall cease from the date of acceptance of resignation. The trainee is liable to terminate without notice for any misbehavior or misconduct in the laboratory premises. The Project Leader / Project Coordinator should bring such misbehavior of the trainee to the notice of the management.

7. **Interlinkage with Other HRD Programmes, if any:**

Not applicable.

8. **How to Apply:**

Procedure of Selection

The respective colleges / Universities have to write to Director, IICT sponsoring the students for carrying out the project work. The candidates have to undergo a screening process i.e., Written Test/Interview as decided by the committee. An amount of Rs. 1500/- has to be paid by the concerned student college/University to IICT for training the student. The fee has to be paid either in cash at IICT counter or through demand draft drawn in favor of Director, IICT Hyderabad. The applications received from the Universities/Students will be screened before acceptance. They will be allocated to various research departments of IICT to work for their project for minimum period of 3 months under guidance of a Scientist nominated by the Director of IICT. The Education & Training section will issue an Identity Card to these candidates. The candidates have to make their own arrangements for their accommodation and transport.

9. **Completion Formalities:**

At end of the training period a certificate will be issued by the Research Management Division of IICT to each candidate which confirms his/her successfully undergone the project work after he/she completes the formalities enumerated in general terms and conditions of IICT HRD schemes.

10. **Nodal Officer:**

For any further details, please contact

Mrs. C.B.Lakshmi,

Head, Research Management Division, IICT, Hyderabad

(Ph.No.27193992, Fax:+91-40-27160757,27160387

Email:cblakshmi@iict.res.in, sivasowlakh@gmail.com)

TRADE APPERNTICE (IICT)

1. **Objective and Scope of Training:**

The overall objective of this scheme is to impart and enhance the skills of technically qualified youth to enable them to get better employment opportunities elsewhere and at the same time utilize their skills at IICT for its sponsored research and allied programmes. As per Government of India Guidelines, Public funded institutions like CSIR/IICT have to promote

the Trade Apprentices Scheme by encouraging ITI qualified/Diploma candidates from local polytechnics to join as Trade Apprentices as the requirement of the organizations.

IICT on its own initiative has evolved suitable schemes to attract qualified technical personnel.

1. **Minimum Qualifications and Age Limit along with provision for Relaxation**

   ITI qualified candidates from local Polytechnics in various trades are selected in the IICT as per requirement. The number may vary every year depending upon the actual requirements of each division.

2. **Stipend:**

   A consolidated amount of Rs. 1,140/- per month will be paid to each candidate.

3. **Duration of Training:**

   The total duration of the Trade Apprentices is one year. At the end of the training, a certificate is issued to each candidate highlighting the nature of training received by him/her. No extension is generally granted for Trade Apprentices. However, an extension for one more year can be granted in specific cases where the supervision desires on mutual consent of IICT & the Institute.

4. **Special Conditionalities:**

   The engagement of Trade Apprentice does not entitle him an offer of appointment at IICT/CSIR either temporary or permanent. The engagement is on purely temporary basis for the Project/Scheme. It would, therefore, not confer any right / claim implicit or explicit for consideration for regularization / absorption against any CSIR post in the Institute.

5. **Interlinkage with other HRD Programmes if any:**

   Trade Apprentices become eligible to apply for the CSIR Project Assistants Scheme. The criteria for eligibility and selection will remain the same as described in both the scheme.

6. **How to apply:**

   The Controller of Administration (COA) of IICT will approach the Regional Director (ITI) every year to nominate Specific number of candidates for selection as Trade Apprentice. The IICT proposes to engage upto 25 Trade Apprentices in various divisions such as Pilot Plants, Workshop, Computer division, other engineering divisions and Office administration. The IICT will normally seek 75 nominations from regional Director (ITI), so that in the screening process, the number can be brought down to 25.

   Application will be invited from candidates Possessing prescribed educational qualifications as specified above on quarterly basis through the paper Advertisement.

   Application forms are available with Recruitment Section, Room No: A-213, Administration Block, IICT, Hyderabad.

7. **Procedure for Selection**

   Requests for engagement of Trade Apprentices from concerned research groups/departments will be received by the Head, RMA in the prescribed applications available in Recruitment Division. Concerned Area/Project Leaders have to indicate the budgetary support available for engagement of Trade Apprentice.

   The applications will be screened by a standing Committee keeping in view the job requirement Vis a Vis the qualifications and prescribed experience of the candidates.

   The short-listed candidates will be called for an interview and a panel of selected candidates will drawn upon the basis of recommendations of the standing committee.

The panel so drawn will be forwarded to Recruitment Section for deployment of Trade Apprentices as and when requisitions, routed through chairman, HRMC and duly approved by the Director, IICT, are received by them from Head, RMA.

The selected candidates will be duly intimated and consider for engagement as Trade Apprentices after submitting the following documents at their expenses at the time reporting for the duty.

1. Medical Certificate of health and physical fitness for service issued by the competent medical authority (not less than Civil surgeon) in the enclosed prescribed format;

2. Documentary evidence in support of the date of birth, community (in case of SC/ST/OBC) and qualifications.

The selected candidates will be issued an Office Memorandum and an Identity Card.

They will not be paid traveling allowances for reporting for duty and they have to make their own arrangements for their accommodation.

8. **Training Completion Formalities**:

The Director, IICT, has the right to curtail the services at any time without prior notice.

Any matter not specifically stated herein shall be determined by the Director, IICT, Hyderabad, whose decision shall be final.

The Trainee is liable to be terminated without notice for any misbehavior or misconduct in the laboratory premises. The Project Leader / Project Coordinator should bring such misbehavior of the trainee to the notice of the management.

At the end of training period a certificate will be issued by the Education & Training Division of IICT to each candidate which confirms his/her successfully undergone the training

On completion of tenure/termination, a Trade Apprentice has to surrender the Identity Card and submit a No Dues Certificate in Education & Training Department in the prescribed proforma. He/She will be paid previous month stipend and will be given an IICT Training Certificate, after submission of this No Dues Certificate.

9. **Nodal Officer**:

For any further details, please contact:

Dr. Seshu Kumar,

Scientist EII,

General Engineering Division, IICT, Hyderabad

(Ph.No. 27193132, Email: askumar@iict.res.in)