

# **Maharaja Ranjit Singh Punjab Technical University, Bathinda**

## **University Research Fellowship-cum-Teaching Assistantship Scheme**

### **Objective**

The objective of the University Research Fellowship-cum-Teaching Assistantship (URF) to provide an opportunity to Research Scholars to undertake advanced study and research in the fields of Engineering and Technology, Sciences, Pharmacy, Computational Sciences, Food Technology and Management as Full Time Research Scholars leading to Ph.D. for innovative technology development.

### **1.0 ELIGIBILITY**

The candidates eligible as per Maharaja Ranjit Singh Punjab Technical University (MRSPTU), Bathinda Ph.D. Regulation as amended from time to time shall only be considered for award of University Research Fellowship under this scheme.

### **2.0 ADMISSION**

**2.1 Ph.D. Entrance Test (PET):** The candidates aspiring to avail the advantage of University Research Fellowship Scheme shall be required to appear in a written Ph.D. Entrance Test (PET) to be conducted by University as detailed in MRSPTU, Bathinda Ph.d Regulation. Merit list shall be prepared out of 100 marks (Weightage: PET: 80; Interview 20 marks).

**2.2 Exemption from PET:** The candidates who meet test exemption conditions of MRSPTU, Bathinda Ph.D. Regulations shall also be eligible for University Research Fellowship Scheme.

**(i)** Merit list for University Research Fellowship scheme of such Candidates exempted from PET as per clause 2.2 (i) and (ii) MRSPTU, Bathinda Ph.D Regulations shall be prepared out of 100 marks (Weightage: UG score: 20, PG score: 40; Teaching/ Research Experience: 10 @2 per year; SCI Journal publications: 10 @5 per publication as author/co-author and interview: 20 marks).

**NOTE:** Candidates exempted from PET as per MRSPTU, Bathinda Ph.D Regulations shall be given preference over other categories of candidates for availing benefit of University Research Fellowship Scheme.

**2.3** The age limit is 35 years as on 1<sup>st</sup> July of the year of award, extendable by five years for woman and SC/ST candidates.

- 2.4 The reservation policy for award of fellowship to the SC/ST candidates who fulfil the requisite qualifications laid down for the award shall be applicable as per Punjab Government rules. In case of non-availability of SC/ST candidates, these slots will be made available to General candidates immediately.

### 3.0 SELECTION PROCEDURE

Applications would be invited in the prescribed format (**Annexure – I**) **once in a year** through advertisement in leading newspapers for the award of Research Fellowship in the fields of Engineering and Technology/Sciences/Pharmacy/ Computational Sciences/ Food Technology and Management for pursuing research on Full Time basis leading to Ph.D. The **short listed** candidates will be called to appear before the selection committee constituted by Vice Chancellor of the University.

The constitution of selection committee is as under:

- |   |               |
|---|---------------|
| 1. Dean (R&D), MRSPTU, Bathinda                                 | (Chairperson) |
| 2. Dean of Faculty (concerned)                                  | (Member)      |
| 3. Head of concerned department                                 | (Member)      |
| 4. One professor as per seniority from the concerned department | (Member)      |
| 5. Nominee of the Vice Chancellor                               | (Member)      |

**NOTE:** Quorum will be of minimum three members including chairperson.

- 3.1 Selection will be made on the basis of merit, and candidates will be interviewed by selection committee appointed by the Vice Chancellor of the University. No TA/DA will be paid to the candidates for attending the interview.
- 3.2 In the order of merit, candidate will be given choice to select his/her supervisor on the basis of area of interest. The supervisor once allotted University Research Fellow will be awarded next University Research Fellow only after award of University Research Fellow to all interested/supervisors. It is highly desired that the candidate getting University Research Fellowship and his supervisor will apply for various search grant scheme(s) of various funding agencies from time to time on priority basis. In case, if University Research Fellow is awarded JRF/SRF/any other fellowship from any external grant agency, he/she will surrender University Research Fellowship. The vacant position of University Research Fellow will be then given to respective department for joining of fresh University fellowship per norms.
- 3.3 The selected candidates shall be issued appointment letters by the University. The Joining Report of the candidate duly signed by the Supervisor and Head of department is to be

sent to the Registrar of the University, through Dean (Research & Development) of the University. The candidate shall be required to mark his/her attendance in the department and monthly attendance shall be forwarded by Head of the Department to the University prior to release of fellowship.

- 3.4 The candidate sponsored by any Industry/Academic Institution/funding agency for fellowship shall not be considered for fellowship.

#### 4.0 DURATION OF FELLOWSHIP

- 4.1 The tenure of fellowship is initially for a period of two years as a Junior Research Fellowship (JRF). After expiry of two years the work of fellow will be evaluated by expert committee as notified under MRSPTU, Bathinda Ph.D. Regulations and if found satisfactory, his/her tenure will be extended for a further period of one year with enhanced emoluments as a Senior Research Fellowship (SRF). In case the work of the fellow for the first two years is not found satisfactory, he/she shall remain designated as a Junior Research Fellow and shall not be entitled for enhanced fellowship for 3<sup>rd</sup> year. Thus, the total period fellowship is three years, which is non-extendable.

The constitution of expert committee to upgrade the fellow is as under.

- |   |               |
|---|---------------|
| 1. Dean (R&D), MRSPTU, Bathinda                       | (Chairperson) |
| 2. Dean of Faculty (concerned)                        | (Member)      |
| 3. Head of concerned department                       | (Member)      |
| 4. Guide/Supervisor                                   | (Member)      |
| 5. External expert out of the panel of three proposed | (Member)      |
- as nominated by Vice Chancellor

In case the same person Dean as well as head, or head as well as supervisor, the next senior most teacher from the department may be appointed to the three member committee by the Vice Chancellor on recommendation of Dean (Research & Development).

- 4.2 The awardee can avail research fellowship for the full tenure of the fellowship (Three years) or up to the date of award of the Ph.D. degree, whichever is earlier.

#### 5.0 REMUNERATION, ACCOMMODATION, MEDIAL AND LEAVE ENTITLEMENT

The research scholars who join under University Research Fellowship Scheme shall be entitled for following:

##### 5.1 Remuneration

- (i) Fellowship @Rs. 15000/- P.M for the initial two years (JRF)

- @Rs. 18000/- P.M for another year (SRF)
- (ii) Contingency @Rs. 15000/- per annum for consumable only.
- 5.2 Accommodation** Single seated Hostel accommodation C-type (preferable for married candidates) on payment of rent and electricity charges of the room/quarter depending on availability. Under no case the University Research Scholar be entitled to HRA.
- 5.3 Medical** Medical facility as available in the University.
- 5.4 TA/DA** The fellowship shall be entitled to 1st class/ AC chair Car/AC
- Entitlement** three tier or equivalent ordinary Bus fare. However, no daily allowance shall be permissible.

### **5.5 Leave Rules**

- (i) Research fellows are entitled for a maximum period of 15 days leave in the year in addition to public holidays. They are not entitled to any other leave, for example, summer, winter, pooja vacations, etc.
- (ii) Woman fellows with less than two surviving children are entitled to leave during the period of absence upto 180 days on grounds of maternity without fellowship.
- (iii) Male fellows of University with less than two surviving children are entitled or 15 days paternity leave during confinement of his wife on submission of relevant documentary proof without fellowship.

**NOTE:** However, in case of above point no. (ii) and (iii) the tenure of fellowship may be extended for a duration equivalent to his/her paternity/ maternity leave availed. Such leave shall be sanctioned by the University on recommendation of Dean (Research & Development) through Guide/Head of Department if accompanied by a medical certificate from University Medical Officer/Govt. Hospital.

- (iv) The fellowship amount for leave period will be paid after the fellow resumes duty. It is expected that the fellow will make up for the research work during the remaining tenure.
- (v) Attending Conference/Seminar within India/Abroad: The University can grant leave to a fellow to present his/her Research Paper related to his/her Ph.D work in the national/international conference within India (national/international conference) one in Academic session and abroad- one in three Academic sessions.

The duration of leave to attend the national/international conference within India will be one day prior and one day after the days of conference. The University shall not provide any assistantship except registration fee or he/she may avail financial assistance from any other agency i.e. UGC, DST, etc. In case of the conference held abroad, the duration of leave shall be two days prior and two days after the days of the conference.

**NOTE:** The total leave from attending any conference shall not be more than 07 working days.

## **6.0 PROCEDURE FOR RELEASE OF GRANTS**

The fellowship shall be released subjected to the following conditions:

- 6.1** The fellow will undertake full-time research work under the approved guide in a subject selected by him/her and approved by the University/selection committee.
- 6.2** The fellow shall present to the University through DDRC, his progress reports. The University/Institution will maintain a record of his/her progress on his/her research topic.
- 6.3** The fellow shall not accept or hold any appointment, paid or otherwise, or receive emoluments, salary, stipend, etc. from any other source during the tenure of the award. The fellow will provide teaching Assistantship in the department for maximum of 6 hours per week.
- 6.4** The fellow, has to acknowledge the University for providing fellowship in publications/patents/presentation/thesis and other research outcomes. He has to compulsorily mention his/her affiliation as “Research fellow, name of the department as Maharaja Ranjit Singh Punjab Technical University, Bathinda in all the research outcomes”.
- 6.5** No extension is permissible beyond the total period of three years and awardee would cease to be a JRF/SRF immediately after expiry of the tenure except prolonged hospitalization.
- 6.6** The fellowship may be terminated at any time on the report of DDRC on duly recommended of Dean (Research & Development) and decision taken by the University.
- 6.7** If a fellow wishes to relinquish the fellowship during the tenure, it should be done with a prior approval of the University. The fellow should also obtain prior permission of the University for appearing in any examination conducted by any university or public body.

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**Dean (R&D)**