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Junior Research Fellowship in Engineering & Technology

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**UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI**

Junior Research Fellowship in Engineering & Technology



UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG

NEW DELHI 110 002

Website: www.ugc.ac.in

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UNIVERSITY GRANTS COMMISSION

JUNIOR RESEARCH FELLOWSHIP IN ENGINEERING & TECHNOLOGY

INTRODUCTION

The scheme is meant for candidates who wish to pursue research leading to a Ph.D. degree in engineering and technology. As of date, the University Grants Commission (UGC) or the Council of Scientific and Industrial Research (CSIR) are not conducting National Education Testing (NET) examinations in these fields. Therefore, M.E. and M.Tech. students are given this opportunity, through direct interview conducted by the Commission. There are 50 slots under this scheme per year.

OBJECTIVE

The objective of this scheme is to provide an opportunity to research scholars to undertake advanced study and research in engineering and technology, and agricultural engineering, leading to Ph.D. Subjects like geology and geo-physics are not considered under this scheme.

ELIGIBILITY/TARGET GROUP

Minimum qualifications are a master's degree in engineering/technology/pharmacy, with 55 per cent marks. GATE is not a mandatory condition for getting a research fellowship to pursue Ph.D. Candidates need to hold an M.E./M.Tech. degree. The age limit is 40 years as on 1 July of the year of award, extendable by five years for women and SC/ST candidates. A total of 22.5 per cent of the fellowships are reserved for candidates belonging to SC/ST who fulfil the requisite qualifications laid down for the award. In case of non-availability of SC/ST candidates, these slots will be made available to general candidates.

NATURE OF ASSISTANCE AVAILABLE UNDER THE SCHEME

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 experts and if found satisfactory, his/her tenure will be extended for a further period of three years with enhanced emoluments as a Senior Research Fellowship (SRF). In case the work of Fellow for the first two years is not found satisfactory, one more year will be given to him/her for improvement, but during this period he/she will be designated as a Junior Research Fellow. In such cases work will again be evaluated after three years, and if improvement is found, the Fellow will get two more years under the SRF. Thus, the total period of fellowship (JRF and SRF) is five years, which is non-extendable.

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

The assistance available under the scheme is:

Fellowship	@ Rs. 8,000/- p.m. for the initial two years @ Rs.10,000/- for the remaining period
Contingency	@ Rs.12,000/- p.a. for the initial two years @ Rs.25,000/- p.a. for the remaining period
Departmental assistance	@ Rs. 3,000/- p.a. per student to the host institute for providing infrastructure to the researcher
Escorts/Reader Assistance	@ Rs.1,000/- p.m. in cases of physically handicapped and blind candidates

House Rent Allowance: Suitable single-seated hostel accommodation in the institutions may be provided to the Fellow, failing which HRA as per rules of the university/institution will be paid, subject to the submission of the HRA certificate through the registrar/principal. Research Fellows provided with accommodation in hostels recognised/maintained by the institutions may be reimbursed the hostel fee, excluding mess, electricity and water charges, etc. A certificate to this effect is to be furnished through the registrar/principal (Annexure I). If the Fellow makes his/her own arrangements of accommodation, he/she may be entitled to draw HRA as per categorisation of cities by the Government of India. The Fellow will submit a certificate to UGC for claiming HRA through the concerned university/institution/college.

Medical: No separate/fixed medical assistance is provided. However, the fellow may avail the medical facilities available in the institution/university.

Leave: Research Fellows are entitled for a maximum period of 30 days leave in a year in addition to public holidays. They are not entitled to any other leave, for example, summer, winter, pooja vacations, etc. Women candidates are eligible for maternity leave of 135 days at full rates of fellowship once during the tenure of their award.

The Research Fellow, in special cases, may be allowed by the Commission, leave without fellowship up to one academic year during the entire tenure of the award for accepting teaching assignments on a temporary basis, provided the assignment is in the same city/town. In other cases, leave without fellowship will be restricted to a period not exceeding three months during the tenure of the award on the recommendations of the supervisor and the head of institution. The period of leave without fellowship will be counted towards the total tenure of the fellowship. Fellows are advised to apply for leave through their university/institution/college well in advance for the approval of the Commission.

PROCEDURE FOR APPLYING FOR THE SCHEME

Applications are invited in the prescribed format (Annexure II) once in a year through advertisement in leading newspapers and the *AIU Newsletter* for the award of research fellowship in engineering and technology for pursuing research leading to Ph.D. Selection will be made on the basis of merit, and candidates will be interviewed by an expert committee appointed by the Commission.

PROCEDURE FOR APPROVAL OF THE UGC

Received applications will be scrutinised, and short listed candidates will be called to appear before the

selection committee, constituted by the Commission. No TA/DA will be paid for attending the interview. The decision of the Commission will be final and binding. The Commission reserves the right to withdraw/cancel the award without assigning any reason. On completion of the above formalities, the Joining Report of the candidate, duly signed by the supervisor/head of department is to be sent to the UGC through the registrar/principal. On receipt of the Joining Report and other required documents (Annexure III), the admissible grant for the first year will be released or the concerned university will be informed to release the grant from the funds already sanctioned.

PROCEDURE FOR RELEASE OF GRANTS

On receipt of UGC approval/award letter, the institutions may pay the fellowship amount to the fellows and meet expenses from the grants paid by the Commission for the purpose in accordance with the rules. For the release of subsequent instalments of the grant, that is, fellowship, contingency and departmental assistance, etc., a Utilisation Certificate along with a statement of expenditure incurred may be sent to the Commission at the end of every year together with a half-yearly progress report of work done by the awardee (Annexures IV, V, VI and VII).

For enhancement in the quality of work, at the end of two years of the award, a proposal along with the progress of the work and a confidential assessment report of the guide/supervisor is to be sent for evaluation to an outside expert in the field to be chosen by the head of the department/ institution from a panel of five persons suggested by the supervisor/guide of the Fellow.

A three-member committee consisting of the Dean of the faculty or head of the institution, as the case may be, head of the concerned department and the supervisor/guide of the Fellow may consider and take a decision on the proposal for enhancement in the light of the evaluation report of the expert to whom the proposal has been sent. In case the same person is holding more than one position, for example, the dean as well as head, or head as well as supervisor, a senior teacher from the department may be appointed to the three-member committee.

The work done and the time spent on scholarships or fellowships of any agency other than the UGC will not be taken into account while considering the proposals for enhancement in the value of fellowship. The fellowship may be withdrawn if the work is not considered satisfactory or the candidate fails in any of the examinations related to Ph.D.

PROCEDURE FOR MONITORING THE PROGRESS OF THE SCHEME:

1. The Fellow will undertake full-time research work under the approved guide in a subject selected by him and approved by the university/selection committee.
2. The Fellow shall present to the university, through his/her supervisor, half-yearly progress reports ending in the month of June and December, and the university/ institution will maintain a record of progress by obtaining the same.
3. If a Fellow wishes to relinquish the fellowship during the tenure, it should be done with the prior approval of the university and the Commission. The Fellow should also obtain prior permission of the university and Commission for appearing in any examination conducted by any university or public body.

4. 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, with the consent of the guide/head of department, may assist the university/institution in its academic work, including tutorials, evaluation of test papers, laboratory demonstration work, seminar, symposia, etc., provided such work is not likely to hamper the research programme on hand.
5. Fellows should join technical institutes and not the science departments of universities.
6. The fellowship may be terminated at any time without assigning any reasons and the Commission/institution's decision in this regard shall be final and binding. No extension is permissible beyond the total period of five years and awardee ceases to be a UGC JRF/SRF immediately after expiry of the tenure. Any claim/reference to this effect will be illegal and the individual may have to face disciplinary action for such an act.

Other Conditions: In special cases, the Commission may place Fellows in an institution not covered by the UGC Act, if the institution concerned agrees to provide all infrastructure for the research pursuits of the Fellow, and to meet all expenses as per rules. The Commission, in such cases, will either provide advance funds to such institutions or accept a statement of expenditure and utilisation certificate in the prescribed format later, or reimburse the expenditure incurred in accordance with the norms governing the scheme.

CANCELLATION OF AWARD

The fellowship is liable to cancellation, in case of:

- ❖ Misconduct
- ❖ Unsatisfactory progress of research work
- ❖ Failure in any of the examination related to Ph.D.
- ❖ Candidate found ineligible later.

ANNEXURE - I

Certificate No.1

Certified that Mr./Ms.is paying house rent of Rs.....and is eligible to draw House Rent Allowance @ Rs.....as per university rules.

Registrar

OR

Certificate No. 2

Certified that Mr./Msis staying independently and,therefore, is eligible to draw house rent of Rs..... minimum admissible to a lecturer as per university rules.

Registrar

OR

Certificate No. 3

Certified that Mr./Ms.has been provided accommodation in the hostel. But he/she could not be provided with single seated flat type accommodation as recommended by the Commission. Hostel fee @ Rs.....per month w.e.f.....is being charged from him/her.

Registrar

If, as a result of check or audit objection, some irregularity is noticed at a later stage, action will be taken to refund, adjust or regularize the objected amount.

Signature of the Awardee

**Head of Department
(Seal)**

**Registrar/Principal/Director
(Seal of University/Institution)**

N.B: For any correspondence in this regard, the Commission's letter number and date may please be quoted without fail.

**UNIVERSITY GRANTS COMMISSION
SELECTION & AWARD BUREAU
SOUTH CAMPUS OF DELHI UNIVERSITY
BENITO JUAREZ MARG
NEW DELHI - 110 021**

**APPLICATION FORM FOR JUNIOR RESEARCH FELLOWSHIP IN
ENGINEERING & TECHNOLOGY**

(The form must be filled carefully. Incomplete form is liable to be rejected)

Affix a recent passport size photograph

1. Name (in block letters, with surname underlined. State Mr./Ms.):

2. Date of birth:

3. Nationality:

4. Father/husband's name:

5. (a) Present address:

Pin Code.....Ph.No.....

(b) Permanent address:

Pin Code.....Ph.No.....

6. If belonging to Scheduled Caste/Tribe, state name of the caste/tribe:

7. Particulars of educational qualifications, starting with matriculation onward.
(Please attach attested copies of mark sheets, certificates, diplomas, etc., and give a reference in the list of enclosures) :

Examination passed and year of passing	School/college/ university	Subjects offered	Division/ grade	Percentage of marks/cumulative grade point

8. Name of the department, college/university where you propose to do research:

(a) Department:

(b) College/university:

(Certificate from the head of the department/institution to the effect that necessary facilities will be provided should be attached [Annexure III]).

9. Give particulars of the research problem:

(a) Subject:

(b) Specialisation within the subject:

(c) Title of research problem (in block letters):

(d) Name and designation / telephone number of the supervisor under whom the research is proposed to be undertaken:

(A brief abstract not exceeding 500 words on the proposed research work, methods of approach, etc. must be sent along with the application, without which the application will be treated as incomplete and will not be included in the selection process. [Attach separately.]

10. Please state:

Whether you are already registered or propose to register for research work leading to award of a doctorate degree (Ph.D.). If yes, state the following:

(a) Date of registration:

(b) Name of the university/ department:

(c) Topic of research:

(d) The period for which you carried on work on the research project approved:

(e) Name and designation of the supervisor:

(f) Details of papers published (if any) with a copy of the reprints. Details of publications may be given on a separate sheet.

11. Have you had any scholarship/fellowship before applying for this award? If so, please indicate its source, value, period and details of work done under that award:

Source of scholarship/ fellowship	Value & date of commencement/ completion	Topic of the research	Whether the work has been completed/ is in progress
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12. Present occupation (if employed, indicate the nature of employment and emoluments drawn per month):

13. Do you suffer from any physical disability? If so, please give details, Also attach a certificate to this effect:

14. Any other information relevant to the research work, which you may like to give in support of your application:

15. List of enclosures:

1.

2.

3.

4.

5.

DECLARATION

I hereby declare:

That I have read the rules regarding the award of Research Fellowship of the University Grants Commission. In the event of a Fellowship being awarded, I undertake to engage myself full-time for work on the subject under the direction of the supervisor during the tenure of fellowship. I further declare that to the best of my knowledge and belief, the particulars given in the form are correct.

Place:

Date :

(Signature of the candidate)

For use by university/college:

It is certified that necessary facilities will be provided for the research work of:.....
.....

(Recommendation of the forwarding authority and views of supervisor/head of the department regarding the candidate's suitability for the award should be obtained separately and enclosed with the application).

Place:

Date :

Signature

(Registrar/Principal of University/College)

BASIC DATA SHEET

(To be filled by the candidate in capital letters)

1. Fellowship number (to be filled in the Office):

2. Name:

3. Address for correspondence:

Pin code:

Phone number:

4. Educational Qualifications:

Exam Passed	Subject	% of marks
B.Pharm.		
B.E.		
B.Tech.		
M.Pharm.		
M.E.		
M.Tech.		

5. Title of research project:

6. Name of the department/college/university where you propose to research:

7. Whether obtained any other fellowship/scholarship (Yes/No):

8. Category (Write 1 for SC, 2 for ST, 3 for PH, 4 for General):

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NEW DELHI - 110 021

JOINING REPORT

AWARD OF JUNIOR RESEARCH FELLOWSHIP IN ENGINEERING & TECHNOLOGY

Name of awardee:

Award letter number and date:

This is to certify thathas joined the
Department of.....under the above scheme of the
University Grants Commission with effect from(F.N./A.N).

He/she will be provided with all necessary facilities during his/her tenure of award. The terms and conditions of the offer are acceptable to awardee.

Also certified that fellow shall not accept/hold any emoluments paid or otherwise or receive emoluments, salary, stipend, etc. from any other source during the tenure of the award.

Signature of Awardee

Head of Department
(Seal)

Registrar/Principal/Director
(Seal of University/Institution)

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NEW DELHI - 110 021

UTILISATION CERTIFICATE

Certified that an amount of Rs.....

(Rupees) sanctioned vide

letter number..... dated.....released to..... in respect

of JuniorResearch Fellowship/Senior Research Fellowship/Contingency/HRA/Departmental Assistance, etc. under the scheme of 'JRF in Engineering. & Technology' has been utilised for the

purpose for which it was sanctioned in accordance with the terms and conditions laid down by the

UGC. Out of the grant sanctioned to Mr./Ms.....

the unspent balance of Rs.....has been carried forward/refunded vide

demand draft number.....dated.....for Rs.....

If, as a result of check or audit objection, some irregularity is noticed at a later stage, action will be taken to refund/adjust or regularise the objected amount.

Signature of Awardee

Head of Department
(Seal)

Registrar/Principal/Director
(Seal of University/Institution)

**UNIVERSITY GRANTS COMMISSION
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SOUTH CAMPUS OF DELHI UNIVERSITY
BENITO JUAREZ MARG
NEW DELHI, - 110 021**

**FORM FOR SUBMITTING ACCOUNTS OF CONTINGENCY GRANTS AND
THE UTILISATION CERTIFICATE**

1. Name of the awardee :
2. Code number :
3. Name of the scheme under which he/she is working :
4. Period for which the account of contingency grant relates :
5. Expenditure: From _____ to _____
Amount Dated
 - (a) Books and allied items :
 - (b) Typing (tracing & ammonia printing) :
 - (c) Stationery :
 - d) Postage :
 - (e) Chemical & electrical goods :
 - (f) Travel/field work :
6. Period for which the contingency grant is payable :

Certified that the expenditure of Rs. _____ (Rupees _____) out of the contingency grant of Rs. _____ sanctioned vide Commission Letter Number F. _____ dated _____ in respect of _____ has been utilised for the purpose for which it was sanctioned in accordance with the terms and conditions laid down by the University Grants Commission.

If, as a result of check or audit objection, some irregularity is noticed at a later stage, action will be taken to refund, adjust or regularise the objected amount.

Signature of Awardee

**Head of Department
(Seal)**

**Registrar/Principal/Director
(Seal of University/Institution)**

N.B : For any correspondence in this regard, the Commission's letter number and date may please be quoted without fail.

UNIVERSITY GRANTS COMMISSION
SELECTION & AWARD BUREAU
SOUTH CAMPUS OF DELHI UNIVERSITY
BENITO JUAREZ MARG
NEW DELHI - 110 021

FORM FOR SUBMITTING ACCOUNTS OF DEPARTMENTAL ASSISTANCE AND
THE UTILISATION CERTIFICATE

1. Name of the awardee :
2. Award letter number and date :
3. Name of the scheme under which he/she is working :
4. Period to which the accounts of contingency grant relates :
5. Expenditure:

	From	to
	Amount	Dated
(a) Stores :		
(b) Purchase :		
(c) Technical and clerical assistance :		
d) Repairs :		
(e) Electricity for which Departmental Assistance is payable :		
(f) Period for which the Departmental Assistance is payable :		

Certified that the expenditure of Rs. _____ out of the Departmental Assistance of Rs. _____ sanctioned vide Commission Letter Number F. _____ dated _____ in respect of _____ has been utilised for the purpose for which it was sanctioned in accordance with the terms and conditions laid down by the University Grants Commission.

If, as a result of check or audit objection, some irregularity is noticed at a later stage, action will be taken to refund, adjust or regularise the objected amount.

Signature of Awardee

**Head of Department
(Seal)**

**Registrar/Principal/Director
(Seal of University/Institution)**

N.B : For any correspondence in this regard, the Commission's letter number and date may please be quoted without fail.

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PROGRESS REPORT FOR THE PERIOD ENDING JUNE/DECEMBER

1. Name of the Fellow:
2. Number and date of award letter:
3. Details of research:
 - a. Topic of research:
 - b. Is the Fellow working on the topic for the award of a doctorate degree?
 - c. If so, the date of registration with the university:
4. Date of commencement of research:
 - a. At the university:
 - b. Under the UGC Fellowship:
5. Total number of working days during the period:
6. Number of days the fellow remained on leave (with dates):
 - a. With Fellowship, number of days:
From:..... to:.....
 - b. Without Fellowship, number of days:
From:.....to:.....
7. Number of days the Fellow remained out of station for fieldwork/travel with dates and place visited:
 - a. Number of days:.....from:.....to:.....
 - b. Places visited:
8. Number of days the fellow remained present at the university/college:

9. Title of the article/paper published during the period under report:
(Please enclose reprint of each):
10. Title of monograph written during the period under report:
11. Teaching work done during the period under report:
 - a. Number of periods taken per week at B.Sc.(Engg.)/B.Tech./B.E. level:
 - b. Number of periods taken per week at M.E./M.Sc./Engg./M.Tech. level:
12. A detailed account of the work done during the period (A separate sheet may be attached for the purpose.):
13. Comments of the supervisor on the progress of the research work during the period under report:

Signature of Awardee

Head of Department
(Seal)

Registrar/Principal/Director
(Seal of University/Institution)

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