

# The Institution of Engineers (India)

AN ISO 9001: 2008 CERTIFIED ORGANISATION  
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)  
8 GOKHALE ROAD, KOLKATA - 700 020



"96 years of Relentless Journey towards  
Engineering Advancement for Nation-building"

6571



Ref: Tech/R.9

11-July-2016

Dear Sir/ Madam,

**Sub: Extension of date for receipt of Application for Fellowship under R&D Grant-in-Aid Scheme of IEI**

This has reference to our earlier communication dated May 04, 2016; inviting application for Fellowship under R&D Grant-in-Aid Scheme of The Institution of Engineers (India).

Keeping in view the response received, we have decided to extend the last date for receipt of application to August 31, 2016. The interested students pursuing PG & PhD courses in Engineering & Technology for the FY 2016-17 are requested to follow the guidelines (enclosed) and apply as per the enclosed format along with all supporting documents so as to reach us latest by August 31, 2016 at the below mentioned address.

The Director [Technical]  
The Institution of Engineers (India)  
8, Gokhale Road, Kolkata 700 020

Soft copy of the application is also to be forwarded to [research@ieindia.org](mailto:research@ieindia.org).

With warm regards

N Sengupta  
Director [Technical]

Encl: as stated

Telephone : 40106259/213, +91-33-2223 8311/14/15/16/33/34, Mobile : 9804461661\*\*\*Facsimile : +91-33-22238345 \*\*\*Web : <http://www.ieindia.org>

Endorsement No. 6571/PD6/2013, dt 26/7/16

Forwarded for necessary action.

To  
The Deans,  
CEG, ACT, SAP, MIT Campus  
Anna University

30/7/16  
CS  
05/11/16

DIRECTOR  
PLANNING AND DEVELOPMENT  
ANNA UNIVERSITY, CHENNAI - 600 025

|     |                                                    |   |  |
|-----|----------------------------------------------------|---|--|
| (a) | Name                                               | : |  |
| (b) | DOB (DD/MM/YYYY)                                   | : |  |
| (c) | Gender (M/F)                                       | : |  |
| (d) | Mobile                                             | : |  |
| (e) | E-mail                                             | : |  |
| (d) | Date of Enrolment (attach supporting documents)    | : |  |
| (e) | Date of Registration (attach supporting documents) | : |  |
| (f) | University/Institute of Enrolment                  | : |  |
| (g) | Department                                         | : |  |

**The Institution of Engineers (India)**  
**The Institution of Engineers (India): R&D Grant-in-aid Scheme**  
**Research Fellowship Programme**

**E. Details of proposed work:**

|     |                                                                                    |   |  |
|-----|------------------------------------------------------------------------------------|---|--|
| (a) | Thrust area where the applicant has excelled and expertise to take up the research | : |  |
| (b) | Collaboration with other Institution/Investigator/Coordinator                      | : |  |
| (c) | Commercial viability of the proposed research                                      | : |  |
| (d) | Research Summary (maximum 300 words)                                               | : |  |
| (e) | Objectives of the proposed research (maximum 100 words)                            | : |  |
| (f) | Research duration in months (not exceeding 12 months)                              | : |  |

**F. Recent developments in the area of proposed research:**

|     |                                                                               |   |  |
|-----|-------------------------------------------------------------------------------|---|--|
| (a) | National Arena                                                                | : |  |
| (b) | International Arena                                                           | : |  |
| (c) | Significance of undertaking the research in the context of social engineering | : |  |
| (d) | Commercial applications (if any)                                              | : |  |

**G. Methodology to be adopted:**

**H. Proposed work plan along with specific time-frame:**

|         |             |                     |
|---------|-------------|---------------------|
| Sl. No. | Work Module | Time-frame (months) |
|         |             |                     |
|         |             |                     |
|         |             |                     |
|         |             |                     |

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**I. Peripheral details:**

|     |                                                                                                                                                 |   |  |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| (a) | Where the Research Findings can be used in future (1000 characters)                                                                             | : |  |
| (b) | Facilities to be provided by Applicant's Institute                                                                                              | : |  |
| (c) | Is your research industry oriented - if yes, please give the details of support from the industry to this research and details of the industry? | : |  |
| (d) | Is your research related to any entrepreneurial or start-up venture, if yes please give details                                                 | : |  |

**Declaration by student:**

I .....  
 (Name of student)  
 of .....  
 (Name of university/institute)  
 hereby declare that I am / shall be a member of the Institution of Engineers (India) and undertake the research strictly in accordance with the provisions specified in the research proposal and I shall submit monthly reports about the progress of the work and final report as per the format of IEI on completion of the research work. In case of failure, I shall refund the entire fellowship amount to IEI. I would also strive to publish my work on priority basis in appropriate IEI-Springer Journals and will also acknowledge contribution of IEI in all publications / patents/ copyrights emanating from this research.

Date:

Place:

Signature of student with IEI membership no

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Recommendation by guide/s:

.....I/we.....  
 (Name of guide/s)

.....of.....  
 (Name of university/institute)

and hereby declare that I / we am /are / shall be a member of the Institution of Engineers (India) and recommend the above research, which is to be carried out under my/our supervision. We shall arrange to submit monthly reports about the progress of the work and final report as per the format of IBI on completion of the research. In case of failure, we shall arrange to refund the entire fellowship amount to IBI. I/We would also strive to publish my work on priority basis in appropriate IBI-Springer Journals and will also acknowledge contribution of IBI in all publications / patents/ copyrights emanating from this research.

Date:

Place:

Signature of guide/s with IBI membership no.  
 1.  
 2.

**Recommendation by Head of the University/Institute:**

The research is recommended for obtaining Fellowship Grant from IBI with the following conditions:

1. The Research Fellow will be governed by the rules and regulations of the University/Institute and will be under administrative control of the University/ Institute for the duration of the research.
2. The fellowship by the IBI will be directly sent to the student through the guide.
3. No administrative or other liability will be attached to the IBI at the end of the Fellowship Programme.
4. The University/ Institute will provide basic infrastructure and other required facilities to the investigator for undertaking the research.

Seal of University/Institute

Signature of Registrar of University/Head of Institute

|         |      |                    |
|---------|------|--------------------|
| Sl. No. | Name | IEI Membership No. |
| 1       |      |                    |
| 2       |      |                    |

3.1 NAME OF GUIDE/S WITH MEMBERSHIP NUMBER OF THE INSTITUTION OF ENGINEERS (INDIA) [Maximum 2 guides per research – Guide/s must be a corporate member of the IEI]

### 3. INFORMATION ABOUT THE GUIDE/S

|                                                                                                                                                                                            |                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 2.2.1 University<br>2.2.2 IISc/ IISER/ IIT/ IIST/NIT/ Govt. Engg. College<br>2.2.3 Non-govt. Engineering/Technological College<br>2.2.4 IEI Institutional Membership No. of the Institute: | <input type="text"/> |
| Engineering Colleges/ Universities<br>(Please tick)                                                                                                                                        |                      |

### 2.2 CATEGORY OF INSTITUTE:

|                      |
|----------------------|
| <input type="text"/> |
|----------------------|

### 2.1 NAME OF INSTITUTE :

## 2. INFORMATION ABOUT THE INSTITUTE

|                      |
|----------------------|
| <input type="text"/> |
|----------------------|

### 1. RESEARCH TITLE (in CAPITAL letters – maxm. 150 characters):

## Information Sheet

The Institution of Engineers (India)  
 Research Fellowship Programme  
 The Institution of Engineers (India): R&D Grant-in-aid Scheme

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |

THE INSTITUTION OF ENGINEERS (INDIA) IS A SOCIETY OF ENGINEERS AND ARCHITECTS REGISTERED UNDER THE SOCIETY REGISTRATION ACT, 1860 AND THE COMPANIES ACT, 1956. IT IS A NON-PROFIT ORGANIZATION AND ITS OBJECTS ARE TO PROMOTE THE INTERESTS OF ENGINEERS AND ARCHITECTS AND TO ADVANCE THE SCIENCE OF ENGINEERING AND ARCHITECTURE.

| Sl. No. | Name | Category (Ph.D./Equivalent Program) | IEI Membership No. |
|---------|------|-------------------------------------|--------------------|
| 1       |      |                                     |                    |

NAME OF STUDENT WITH MEMBERSHIP NUMBER OF THE INSTITUTION OF ENGINEERS (INDIA)

#### 4. INFORMATION ABOUT THE STUDENT

|       |            |
|-------|------------|
| Email | Mobile No. |
|-------|------------|

3.2 CONTACT DETAILS OF PRINCIPAL GUIDE (ALL COMMUNICATION WILL BE SENT TO THIS CONTACT):

The Institution of Engineers (India): R&D Grant-in-aid Scheme  
Research Fellowship Programme

**The Institution of Engineers (India)**  
**Research Fellowship Programme**  
**The Institution of Engineers (India): R&D Grant-in-aid Scheme**

**GENERAL GUIDELINES FOR FELLOWSHIP**

**PROPOSALS ARE INVITED FROM PH.D SCHOLARS OF ENGINEERING AND TECHNICAL INSTITUTES FOR FINANCIAL SUPPORT IN THE FORM OF FELLOWSHIP UNDER GRANT-IN-AID SCHEME.**

The Institution of Engineers (India), the apex body of the engineers of India provides 'FELLOWSHIP' under R&D Grant-in-aid scheme to deserving candidates to pursue Ph.D in the field of engineering and technology.

**Eligibility Criteria:**

- 1) Proposals from Members and Institutional Members will be preferred. It is expected that the applicant's Institution is an Institutional Member of The Institution of Engineers (India), the Guide/s and the Student must be a Corporate Member of The Institution of Engineers (India). For details please visit [www.ieindia.org](http://www.ieindia.org). Please see the checklist and guidelines of application for membership provided below, before proceeding with submission of proposal. IEI is authorized to make any exception to the above.
- 2) For those institutions who are not members, application for membership should be sent along with the hard copy of the application for fellowship.
- 3) The grant of fellowship will be made for a period not exceeding twelve (12) months. Extension may be considered only on valid grounds and the decision of IEI will be final and binding.
- 4) Preferences will be given to those applications that are industry relevant and that have in-kind or cash support from the industry partners
- 5) Preferences will be given to applications that have potential to lead to an entrepreneurship venture or a start-up model.
- 6) Thematic focus on green energy, clean water, waste-to-energy conversion, engineering analysis, versatile simulation, environmental impact assessment, urban rejuvenation, skill development in design and manufacturing will be preferred.

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**Dos and Don'ts:**

**Submission of Monthly Progress Report and Research Completion Report:**

The student must submit monthly progress report (Annexure-I) endorsed by the Guide based on which next installment of fellowship will be released. Besides, the proposed research work has to be completed and final report in appropriate format (Annexure-II) has to be submitted within the scheduled completion of course of the student. Any intentional delay or non-submission of reports in time may result into debarring the institute, the guides and the students to avail any such scheme under IEI in future. IEI shall have the discretion to take any other action as deemed fit in such cases.

**Acknowledging contribution of IEI:**

The student and their guides while submission of any paper to any journal and conference on the subject and/or applying for any patent/copyright arising out of this research, should acknowledge the contribution of The Institution of Engineers (India) in the following manner:  
"The authors thankfully acknowledges the financial support provided by The Institution of Engineers (India) for carrying out Research & Development work in this subject".

**Quantum of Fellowship:**

The quantum of fellowship will be decided by IEI after a careful examination of the project proposal and decision will be final and binding on part of the applicant. *All cheques will be drawn in favour of the applicant and will be sent to the concerned Guide.* The cheques will be issued only on receipt of monthly progress report.

**Checklist and Guidelines of application for membership before proceeding with submission of proposal:**

**IS YOUR INSTITUTE AN INSTITUTIONAL MEMBER OF THE INSTITUTION OF ENGINEERS (INDIA)?**

Please check with your institute or at [www.ieindia.org/member/members.pdf](http://www.ieindia.org/member/members.pdf). All AICTE-approved Institutes should preferably be an Institutional Member of The Institution of Engineers (India) prior to submission of application for IEI Fellowship Grant. If they are not, they may apply for membership in the appropriate form available at [www.ieindia.org/member/Form%20IM.pdf](http://www.ieindia.org/member/Form%20IM.pdf). The head of the institute is requested to fill-up the forms, observe all formalities and send the same to Director (Technical) along with the hard copy of the project proposal.

Priority will be given to proposals from Institutional Members of The Institution of Engineers.

**IS THE GUIDE/ MEMBERS OF THE INSTITUTION OF ENGINEERS (INDIA)?**

The guide/s must be corporate member of The Institution of Engineers (India). If not, they have to apply for membership in the appropriate form available at [www.ieindia.org/membership1.aspx](http://www.ieindia.org/membership1.aspx). The guide/s is/are requested to fill-up the forms, observe all formalities and send the same to Director (Technical) along with the hard copy of the project proposal failing which the proposal will not be considered.

**IS THE STUDENT MEMBERS OF THE INSTITUTION OF ENGINEERS (INDIA)?**

Student applying for IEI Fellowship Grant must be a member of The Institution of Engineers (India). If not, he/she has to apply for membership in the appropriate form available at [www.ieindia.org/membership1.aspx](http://www.ieindia.org/membership1.aspx). The student is requested to fill-up the forms, observe all formalities and send the same to Director (Technical) along with the hard copy of the project proposal failing which the proposal will not be considered.

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Annexure-I

The Institution of Engineers (India)  
 IEI Fellowship Grant  
 Monthly Progress Report

.....  
 This is to certify that Mr./Ms. .... who is pursuing research under my/ our guidance in the area

.....  
 ..... under the IEI Fellowship  
 Grant vide ..... (Ref. No. & date of approval of IEI) has  
 carried out the following work during the month of ..... (month & year):

| Month | Brief description of work carried out |
|-------|---------------------------------------|
| 1     |                                       |
| 2     |                                       |
| 3     |                                       |
| 4     |                                       |
| 5     |                                       |
| 6     |                                       |
| 7     |                                       |
| 8     |                                       |
| 9     |                                       |
| 10    |                                       |
| 11    |                                       |
| 12    |                                       |

Details to be attached separately

His / Her performance during the month was found to be satisfactory and it is recommended that the Fellowship Grant for this month may be released to him/ her.

Signature of Guide(s) with date along with IEI Membership No.

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**Submission of IEI Fellowship Application:**

1. Fill-up the IEI Fellowship Application Form appropriately and send it via email to [research@ieindia.org/ieirndcell@gmail.com](mailto:research@ieindia.org/ieirndcell@gmail.com)
2. Please make sure that 2 hard copies each of the Application Form duly signed by all concerned along with all supporting documents are to be sent at the following address within 10 days of online submission:

Director (Technical)  
The Institution of Engineers (India)  
8 Gokhale Road, Kolkata,  
West Bengal, India,  
PIN: 700020

3. Delay in sending the hard copies may lead to disqualification of the proposal.

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Annexure-II

**FINAL REPORT FORMAT**

1. Fellowship I.D.

2. Area of Research

3. Name of the Research Fellow:

a. E-mail :

Mobile No. :

b. Contact Address :

4. Name of the Institution of which Research Fellow is attached :

5. Name and Designation of the Guide(s) :

a. E-mail :

Mobile No. :

6. Name of the Director / Principal of the Institution :

7. Details of R & D Fellowship Grant :

|                                                |   |  |
|------------------------------------------------|---|--|
| Fellowship Grant Sanctioned on (DD/MM/YYYY)    | : |  |
| Monthly Quantum of Fellowship Grant Sanctioned | : |  |
| Total number of instalments                    | : |  |

8. Date of Commencement of the research work :

9. How much work is yet to be completed with the reason of delay :

a) Work yet to be completed with details :

b) Reason for delay :

7/12/17  
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10. Probable date of completion of the research work :

11. Name of the organizations providing support to the research work :

a. Name of the organization :

b. Nature of support e.g. financial, technical and infrastructural :

c. Support yet to be received :

12. Research work in brief :

13. Expected beneficiaries of the research work :

14. Any other information to be furnished regarding progress of research work :

Signature of the Research Fellow

Signature of the Guide

Signature of the Head of the Institution