

APPLICATION FORM

**AICTE-INAE TEACHERS RESEARCH FELLOWSHIP SCHEME for
Engineering Teachers for Doctoral Research in Central Laboratories**

I INSTITUTE DETAILS		
Name of the Institute		
Address of the Institute		
Contact Details	Email:	
	Telephone:	
	Fax:	
Permanent Id of the Institute (This Id is available on AICTE web portal)		
*Maximum of two candidates can be sponsored from one institute in the academic year.		
II DETAILS OF CANDIDATE UNDER CONSIDERATION FOR FELLOWSHIP		
Name		
Date of Birth (dd/mm/yyyy)		
Designation		
Date of joining		
Appointment Type		
Scale of Appointment		
Department		
Qualifications	UG (B.E./B.Tech)	PG (M.E./M.Tech)
Year of Passing		
Engineering Discipline		
Engineering College/ Institution		
Overall CGPA/ % Marks		
Experience in years		
Field of study / specialization		
Contact details of the candidate	Address:	

	Tel: Mobile: Email: Fax:
GATE/ CSIR/ UGC-NET Score/Percentile, if available	
PG students guided	
UG Students guided	
Memberships of professional bodies/ fellowships awarded/ awards received (Attach additional pages if necessary)	
Professional activities (Attach additional pages as necessary)	
Techno-commercial activities (Attach additional pages if necessary)	
Outstanding achievements at school level (Attach additional pages if necessary)	
Outstanding achievements at college / University level (Attach additional pages if as necessary)	
III RESEARCH DETAILS	
Title of research proposal	
Technical Field - Nature of work to be undertaken under the scheme	
Abstract (Attach additional pages if as necessary)	
Objectives - Statement of the purpose (500 words) (Attach additional pages if as necessary)	
Engineering Discipline in which research will be carried (Please refer to Appendix-B to select discipline)	
Preferred laboratory of CSIR/DRDO/DAE/DOS identified for research (Please refer to Appendix-B to select lab)	
Project Impact - Expected outcome (Attach additional pages if as necessary)	
Publications (Attach additional pages if as necessary)	
IPR (Attach additional pages if as necessary)	
List of Research/Consultancy Projects completed (Attach additional pages if as necessary)	
Background/Current status of activities in the area (Attach additional pages if as necessary)	

Declaration by Candidate:

- a) I shall abide by the rules and regulations of the laboratory to which I will be offered admission, if selected.
- b) I shall revert to my parent institution after completion of Doctoral programme and serve there for a minimum period of three years.

Signature of the Applicant

Place :

Date :

Declaration by the Head of the Engineering College/Institution

Our institution in which the applicant Mr. /Ms. is a permanent teaching faculty is approved by AICTE.

I have verified the particulars of the engineering teacher as given above and recommend him/her for consideration under the subject scheme. He/she is a worthy candidate for joining the doctoral programme.

Our institution will assist the candidate in pursuing the PhD programme. We also commit that we shall comply with the guidelines of the scheme and that the candidate will be relieved from his teaching duties for a period of 3 years and shall be paid 75% of full salary during his/her tenure under the subject scheme.

I _____ confirm that the above information is true to the best of my knowledge.

Date: _____ Name :

Place: _____ Designation :

Signature and Seal:

(Head of the Institution)

Postal Address

Phone/Mobile No.

Fax:

Please Note: (Copy of AICTE letter of approval to be attached with the application)

AICTE-INAE Teachers Research Fellowship Scheme

Labwise Vacancies for 2017-2018

DAE

SI No.	Organisation	Total Seats	Engineering Discipline
1	BARC	1 1 1 1	Mechanical, Chemical, Material and Electrical

DoS

SI No.	Lab	Total Seats	Engineering Discipline
1	SAC, Ahmedabad	1	RF and Communication (Electronics)
2	ISRO Satellite Centre, Bangalore	1	RF and Communication (Electronics)
3	Advanced Data Processing Research Institute, Secunderabad	1	High end data processing techniques (Software)
4	Vikram Sarabhai Space Centre, Thiruvananthapuram	1	Launch Vehicle Control and Guidance
5	VLSI - Semi-conductor Laboratory, Chandigarh	1	Semi-conductor

CSIR

S.No.	CSIR Lab Name	Tentative Intake	Engineering Discipline	Area of Research
1.	CSIR- CBRI	6 (max. this year)	Civil Engineering	Building Materials, Foundation Engineering, Structural Engineering, Fire Engineering, Habitat Planning, Corrosion and other building engineering related areas.
2.	CSIR- CEERI	02	Electronics, Instrumentation, Computer Science	(i) Cyber Physical Systems, (ii) Smart Sensors and (iii) Microwave Devices with indicative specializations of IoT Technologies, Signal Analytics, Cognitive Computing, Integrated Systems, Control and Automation, Nano Bio- Sensors, Microelectronic Transducers and Actuators,

S.No.	CSIR Lab Name	Tentative Intake	Engineering Discipline		Area of Research
					Photonics, Optoelectronics, MEMS and MOEMS, Flexible and Non-Silicon Electronics, Microwave Beam Dynamics, Beam-wave Interaction, Microwave Device Technology, Vacuum Microelectronic Devices, Plasma-base Devices, THz Devices, etc.
3.	CSIR-CMERI	20	6	Mechanical/Electrical/Control System/Electronics and Instrumentation/Mechatronics	Robotics-(Rigid body mechanics/Dynamics/Control system/ Navigation and Guidance/Image Processing/Communication/Optimization)
			5	Mechanical/Chemical Engineering	Supercapacitor Research Graphene Composites Coatings and Lubricants Fluid Film Bearings
			2	Electrical Engg/Control system/ Power Electronics	Control of electric vehicles Renewable energy Smart grid
			3	Mechanical/Production/ Materials Engg.	Light alloys/composites and component development Experimental & numerical studies on mechanics of advanced materials Ceramics/ceramic matrix composites and product development
			2	Mechanical / Electrical / Mechatronic Engineering	Design, Optimization, and modelling of systems for various applications
			2	Biotechnology/ Chemical Engg/Mechanical Engg/ Chemical Engg	Biomethanation/ Biofuel/ biomass gasification Waste disposal/ gasification/ waste pyrolysis

S.No.	CSIR Lab Name	Tentative Intake	Engineering Discipline	Area of Research
4.	CSIR-NAL	01	Aeronautical/ Aerospace Engineering	Aerodynamics/ Flight Mechanics/ Propulsion/ Structures/ Materials
5.	CSIR-NEERI	01	Civil/Chemical Engineering	Plastic Waste Management
6.	CSIR-NML	04	Metallurgical and Materials Engineering	<ul style="list-style-type: none"> - Material Beneficiation - Process Metallurgy - Material Processing - Physical Metallurgy - Mechanical Metallurgy - Advanced Structural Materials - Surface Engineering and Corrosion - Materials Modeling
		01	Chemical Engineering	
Total		35		

DRDO

Sl No.	Organisation	Total Seats	Engineering Discipline
1	DIAT, Pune	2	Department of Computer Engineering

Vacancies awaited