

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