

Date: 12.07.2022

**ADVERTISEMENT FOR WALK-IN-INTERVIEW FOR THE POST
OF GUEST FACULTY/TEMPORARY FACULTY**

- I. The Institute intends to hold a Walk-in-interview to select eligible candidates for the post of Guest Faculty/Temporary Faculty in the following departments/Centres for the semester 2022-23(1) i.e. August 2022 to December 2022 in the Board Room adjacent to Director's office as per schedule below:-

S.No.	Department	Date of Interview (Tentative)
1	Aerospace Engineering	19.07.2022
2	Civil Engineering	20.07.2022 & 21.07.2022
3	Computer Science & Engineering	22.07.2022 & 23.07.2022
4	Electrical Engineering	25.07.2022 & 26.07.2022
5	Electronics & Communication Engineering	27.07.2022 & 28.07.2022
6	Metallurgical & Materials Engineering	29.07.2022
7	Mechanical Engineering	01.08.2022 & 02.08.2022
8	Production & Industrial Engineering	03.08.2022
9	Centre of Management & Humanities	04.08.2022
10	Applied Sciences- Mathematics Applied Sciences-Physics Applied Sciences-Chemistry	05.08.2022 & 06.08.2022
<i>Note: The reporting time for interview is from 9.00 am to 9.30 am. No candidates will be entertained after reporting time.</i>		

- II. Essential Qualification for Guest Faculty and Temporary Faculty:** First class Bachelor's and Master's Degree with PhD completed/thesis submitted in the relevant discipline.
- III. Honorarium to Guest Faculty-** Maximum emoluments of Rs. 50,000/- per month @ Rs. 1500/- Lecture (per hour) and Rs. 750/-Tutorial/Practical (per hour)
- IV. Consolidated Salary to Temporary Faculty (completed PhD):**
Rs. 73,500/- per month
- V. Consolidated Salary to Temporary Faculty (Thesis submitted):**
Rs. 67,500/- per month

VI. Process to apply:

- a. Faculty may apply as per specializations attached at **Annexure-I**.
- b. Candidates are required to apply through GOOGLE FORM <https://forms.gle/tnmHBFCMAbPqT3By8> only by 17.07.2022 upto 5:00 PM.
- c. Outstation candidates staying within 500 kms distance will appear offline for the interview as per above mentioned schedule and bring the hard copy of filled Google Form along with all relevant original documents with an attested photo copy of each document.
- d. Outstation candidates staying beyond 500 kms distance can appear online for the interview. They will send self attested copies of all relevant original documents to dfa@pec.edu.in by 17.07.2022 upto 5:00 PM.
- e. No TA/DA would be provided for attending interview.
- f. The candidates not fulfilling eligibility criteria wouldn't be considered for selection process.
- g. Candidates should take utmost care while filling the GOOGLE FORM. They can edit the information before submission. **Once the form is submitted, it can't be edited.**

VII. General information:

1. The Guest Faculty and Temporary Faculty shall perform all academic assignments including lectures, practicals, tutorials, paper checking, grading, examination duties and other responsibilities assigned by the respective HoD.
2. Number of posts are advertised as per academic load in various departments and can vary from time to time.

Dean Faculty Affairs

Annexure I

Degrees in the following relevant branches/specializations at B.E./B.Tech./ M.E./M.Tech./ and Ph.D. level for various departments are required from the applicants:

S. No.	Department	B.E./B.Tech Branch*	M.E./ M.Tech/ M.Sc./MA Branch/Specializations*	Ph.D.	Preferred Areas / Specializations
1.	Aerospace Engg.	Aeronautical/ Aerospace Engg.	Aeronautical/ Aerospace/ Aerodynamic Engg./ Propulsion Engineering/ Rocket Propulsion/ Aerospace Propulsion Technology / Space Engineering and Rocketry/ Astronomy & Space Engineering/ Gas Turbine Technology/ Turbo Machinery/ Internal Combustion Engine and Turbo Machinery/ Mechanical in Roto-dynamics/ Roto Dynamic Machines/ Avionics/ Flight Mechanics / Aerospace Materials	-	Aircraft structures, Avionics, CFD, Aerospace Materials
2.	Civil Engg.	Civil Engg.	Structural Engg./ Environmental Engg./ Water Resources/ Irrigation & Hydraulics/ Transportation Engg./ Geotechnical Engg.	-	1.Structural Engg. 2.Water resources 3.Transportation Engg. 4.Environmental Engg. 5.Geotechnical Engg.
3.	Computer Sc. & Engg.	Computer Science & Engg./ Computer Science/ Computer Engineering/ Information Technology	Computer Science & Engg./ Computer Science/ Computer Engineering/ Information Technology/ Software Engineering/ Data Science/ Information Security/ Computer Networks/ Mobile Computing/ Artificial Intelligence/ Computer Science & Technology/ Image Processing/ Multimedia Technology/ Communication & Networking	-	Software Engg., Artificial Intelligence, Machine Learning, Mobile Communications IoT, Data Science and Analytics, Distributed Computing System and blockchain Technology, Networks and Security,

					Computer Vision and Image Processing, Natural Language Processing (NLP), Recommender System, Social Networks & other specialization areas.
4.	Electrical Engg.	Electrical Engineering/ Electrical and Electronics Engineering	Electrical/ Power System (Engineering) / Control System (Engineering) /Power Electronics/ Electric Machines/ Electric Drives/ Automation/ Instrumentation/ Energy System/ Renewable/ Power Apparatus/ Signal Processing OR at least any one of the above specializations in combination with other specializations.	-	I. Control Engineering II. Power Electronics III. Power System
5.	Electronics & Communication Engg.	<ul style="list-style-type: none"> • Electronics and Electrical Communication Engg. • Electronics & Communication Engg. • Electronics & Tele-communication Engineering. 	<ul style="list-style-type: none"> • Electronics Engg. • Electronics Product Design & Technology • VLSI Design • Communication Engg. • Electronics & Communication Engg. • Electronics & telecommunication Engg. • Electronics (VLSI Design) • Embedded System • Microelectronics • Microelectronics System Design • Microwave Engg. • Optical Communication • Nanoelectronics • Electronics & Electrical Communication Engg. • Digital Signal Processing • Digital Image Processing 	-	<ul style="list-style-type: none"> • Electronic Engg. • Electronics & Communication Engg. • Electronics & Electrical Communication Engineering • Electrical & Electronics Engineering • Photonics • Microelectronics • Communication Engg. • Embedded System • VLSI • Optical Communication • Nanoelectronics • Digital Signal Processing • Microwave Engg. • Wireless Communication • Digital Image Processing

6.	Mechanical Engg.	Mechanical Engg.	<ul style="list-style-type: none"> • Mechanical Engg. • Mechanical Engg. with specialization in CAD/CAM/ CAE • Thermal Engineering, • Industrial Automation & Controls/ Mechatronics/ MEMS • Robotics • Manufacturing Engineering/ Manufacturing Technology • Industrial Engg. / Production Engg./ Production & Industrial Engg. • Integrated Product Design and Manufacturing • Rotodynamics • Mechanical Design / Industrial Design • Mechanics & Design • Industrial Tribology and Maintenance Engineering. • Polymer Science and Composite Technology • Fluid and Thermal Engineering • Nuclear Engineering and Technology • Surface Science and Engineering • Applied Mechanics • Digital Manufacturing • Solar Engineering 	-	<ul style="list-style-type: none"> • Mechanical Design • Advanced Vibrations and Acoustics • Finite Elements Methods. • Advanced Thermal & Heat Transfer • Industrial Engineering and Quality Management • Advance Manufacturing / Micro and Nano fabrication • Green and Sustainable manufacturing • Material Science & Processing • Green and Biodegradable materials • Surface Engineering • Renewable Energy and Alternative Cleaner Fuels, Hydrogen Fuel, Nuclear Engineering, Solar Engineering.
7.	Metallurgical & Materials Engg.	Metallurgy / Materials/ Mechanical (Engineering / Technology)/ Production (Engineering/ Technology) Metallurgical Engineering/ Metallurgical & Materials Engineering/ Materials & Metallurgical	Metallurgy / Materials/ Mechanical (Engineering /Technology) /Production (Engineering/ Technology) Materials Science & Engineering, Industrial Materials & Metallurgy, Industrial Metallurgy, Process Metallurgy, Metallurgical Engineering, Metallurgical & Materials Engineering, Materials & Metallurgical Engineering, Materials Science & Metallurgy, Metallurgical	Ph.D. in Materials/ Metallurgy related topic.	Physical Metallurgy, Extractive Metallurgy, Foundry, Mechanical Metallurgy, Corrosion, Mathematical Simulations

		Engineering. / Materials Science & Metallurgy/ Materials Science and Engineering/ Metallurgical Engineering and Materials Science	Engineering and Materials Science, Engineering Materials, Materials Engineering, M.S. Materials		
		Or M.Sc in Physics / Chemistry / Materials Science	Metallurgy/ Materials/ Materials Science & Engineering, Industrial Materials & Metallurgy, Industrial Metallurgy, Process Metallurgy, Metallurgical Engineering, Metallurgical & Materials Engineering, Materials & Metallurgical Engineering, Materials Science & Metallurgy, Metallurgical Engineering and Materials Science, Engineering Materials, Materials Engineering, M.S. Materials Followed by PhD in relevant branch with research in the field of Metallurgy/ Materials		
8.	Production & Industrial Engg.	Production/ Production & Industrial Engineering/ Mechanical Engineering/ Industrial Engineering/ Manufacturing Engineering/ Manufacturing Science & Engineering	Production/ Production & Industrial/ Mechanical (Production)/ Robotics and Automation/ Industrial Engineering/ Manufacturing Technology/ Welding Engineering/ Product Design & Development/ Product Design and Manufacturing/ Industrial design/ Rapid Prototyping/ Manufacturing Science & Engineering/ Mechatronic/ Metallurgical Engineering/ Foundry- Forge Technology	-	Manufacturing/ Production/ Advanced Manufacturing / Finite Element Analysis/ Supply Chain Management/ Industrial Engineering/ Quality Engineering/ Advanced Welding and Coating/ Rapid Prototyping/ CAD/ CAM/ Smart Manufacturing/ Digital Manufacturing/ Industrial Tribology/ Ergonomics/ Metal Forming/ Robotics

9.	Applied Sciences- Physics	-	M.Sc / Ph.D. in Physics/ Applied Physics NET Qualified	-	Ph.D.- Theoretical/ Experimental Physics and related areas
	Mathematics	-	M.A/M.Sc./Ph.D. in Mathematics/Applied Mathematics NET Qualified	-	Ph.D. in All Specializations of Mathematics/ Applied Mathematics
	Chemistry		M.Sc./Ph.D. in Chemistry / Applied Chemistry NET Qualified	-	Ph.D. in Organic/ Inorganic/ Analytical Chemistry and related areas
10.	Centre for Management & Humanities	B.Com/ BBA/B.Tech Management/ Commerce	Master of Business Management/ Master of Business Administration (MBA)/ Post Graduate Diploma in Management (PGDM)/ Master of Commerce (M.Com)	Ph.D.	Finance preferably with Marketing/ Human Resource Management/ Entrepreneurship.
		B.A Humanities	MA. English	Ph.D.	English Language Teaching (ELT)/ English Literature
			M.A. Psychology	Ph.D.	-
* For exceptional candidates, equivalence of branch/ specialization may be considered by the Selection Committee.					