

Indian Institute of Technology Goa

At Goa College of Engineering Campus, Farmagudi, Ponda, Goa-403401

Advt.No. IIT Goa/Rect/Admn/2017/03

Dated 08-05-2018

Applications from Indian nationals are invited for the following posts at IIT Goa.

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| 1. | Post Type Salary Work Responsibilities Qualification Area of Expertise | Teaching Assistant (Electrical Engineering) On contract for one semester, extendable for another semester Rs. 24,500/- per month (consolidated) Assisting professors in conducting theory and lab courses MTech or equivalent with 60% in any branch of Electrical Engineering including Electrical and Electronics, Electronics and Communication, Applied Electronics, Instrumentation etc. Analog/Digital Electronics, Signals and Systems, Electrical Machines and Power Electronics, Communication Systems, Microprocessors, Solid State Devices and Circuits |
| 2. | Post Type Salary Work Responsibilities Qualification Area of Expertise | Teaching Assistant (Computer Science and Engineering) On contract for one semester, extendable for another semester Rs. 24,500/- per month (consolidated) Assisting professors in conducting theory and lab courses, leading lab sessions and helping students to debug programs. M.Tech/M.Sc/MCA with 60% or equivalent in Computer Science and Engineering or Information Technology Programming in C/C++/Python, Good knowledge of Data structures, algorithms, AI, Machine learning, Knowledge of Verilog/SystemVerilog/VHDL, MIPS Processor Architecture, Memory Systems (Cache, DDR), Digital Systems Design. Familiarity with FPGA architecture, Xilinx Vivado/ISE tools or Altera Quartus tools. |
| 3. | Post Type Salary Work Responsibilities Qualification Area of Expertise | Teaching Assistant (Mechanical Engineering) On contract for one semester, extendable for another semester Rs. 24,500/- per month (consolidated) Assisting professors in conducting theory and lab courses, leading lab sessions M.Tech/M.Sc/MS with 60% or equivalent in Mechanical Engineering, Aeronautical Engineering, Manufacturing Engineering Strong knowledge in Fluid Mechanics, Heat Transfer, Solid Mechanics Design and Manufacturing |
| 4. | Post Type | Teaching Assistant (Chemistry) On contract for one semester, extendable for another semester |

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| | Salary | Rs. 24,500/- per month (consolidated) |
| | Work Responsibilities | Assisting professors in conducting theory and lab courses, leading lab sessions and helping students conduct experiments. Grading theory papers. |
| | Qualification | M.Sc (Chemistry) with 60% or equivalent |
| | Area of Expertise | Physical Chemistry |
| 5. | Post | Teaching Assistant (Physics) |
| | Type | On contract for one semester, extendable for another semester |
| | Salary | Rs. 24,500/- per month (consolidated) |
| | Work Responsibilities | Assisting in conducting tutorials and lab courses and other related works. |
| | Qualification | M.Sc (Physics) with 60% or equivalent |
| | Area of Expertise | Electricity and Magnetism, Quantum Physics and Application |
| 6. | Post | Teaching Assistant (Mathematics) |
| | Type | On contract for one semester, extendable for another semester |
| | Salary | Rs. 24,500/- per month (consolidated) |
| | Work Responsibilities | Assisting professors in conducting courses |
| | Qualification | First class or equivalent (in terms of grades, etc.) in M.Sc.(Mathematics) or equivalent degree |
| | Area of Expertise | Preference will be given to those candidates who are familiar with some programming language and softwares such as C/C++, PYTHON, SCILAB, OCTAVE etc. |
| 7. | Post | Teaching Assistant (English) |
| | Type | On contract for one semester, extendable for another semester |
| | Salary | Rs. 24,500/- per month (consolidated) |
| | Work Responsibilities | Assisting in conducting English tutorials, lectures and related work |
| | Qualification | M.A (English) with 60% or equivalent |
| | Area of Expertise | English Language and Literature (Preference will be given to candidates with prior experience in teaching remedial and communicative English) |
| 8. | Post | Lab Assistant (Electrical Engineering) |
| | Type | On contract for one semester, extendable for another semester |
| | Salary | Rs. 24,500/- (consolidated) |
| | Work Responsibilities | Conducting lab sessions, procuring equipment, preparing lab manuals and other related work |
| | Qualification | MTech or equivalent with 60% in any branch of Electrical Engineering including Electrical and Electronics, Electronics and Communication, Applied Electronics, Instrumentation etc. |
| | Area of Expertise | Analog/Digital Electronics, VHDL Programming, Electrical Machines, Communication Systems, Microprocessors. |

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| 9. | Post Type Salary Work Responsibilities Qualification Area of Expertise | Lab Assistant (Mechanical Engineering) On contract for one semester, extendable for another semester Rs. 24,500/- (consolidated) Conducting lab sessions, procuring equipment, preparing lab manuals and other related work MTech, ME, MS, with 60% in any branch of Mechanical engineering. Candidates with previous experience in setting up experimental facilities will be preferred. Fluid mechanics, Heat Transfer, Solid Mechanics Design and Manufacturing |
| 10. | Post Type Salary Work Responsibilities Qualification | Lab Attendant (Chemistry) 89 days contract, extendable Rs. 15,000/- (consolidated) Assisting professors in lab courses, taking care of laboratory equipment, preparing the lab for experiments. B.Sc (Chemistry) with 60% or equivalent, preferably Honors degree |

GENERAL INSTRUCTIONS

1. Interested candidates are requested to fill the online application (<https://goo.gl/DVQ1gx>) on or before 08-06-2018.
2. Written test/interview will be held in the third week of June. Dates will be communicated later.
3. The candidates are expected to join on or before 01-07-2018 if selected.
4. No TA/DA shall be paid to candidates for attending the written test/interview.
5. Any queries regarding the application process may be directed to staff_recruitment_2018@iitgoa.ac.in

OSD & Registrar In-charge, IIT Goa