



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
(An Institute of National Importance, Established under the NITSER Act, Government of India)
MANGALURU-575 025, KARNATAKA STATE, INDIA

Ref. No.: 5210-Advt./Faculty-NITK-Estt./2024/B1

Date: 8th March, 2024

NOTICE FOR FACULTY RECRUITMENT

National Institute of Technology Karnataka (NITK), Surathkal, located on the northern edge of Mangalore City, is an Institute of National Importance that ranks among the top twelve engineering institutes in India (NIRF-2023). Spread over nearly 300 acres with verdant greenery and the Arabian Sea lapping its western boundary, the campus provides an inspiring and peaceful ambience to its residents.

The Institute attracts the brightest students from India and abroad and currently houses about 7000 students including UG, PG and PhD students. Since its inception in 1960, NITK (erstwhile KREC – Karnataka Regional Engineering College) has produced over 35,000 alumni who have excelled in industry, academia, public service and other fields.

More than 270 faculty members hailing from different parts of the country have made NITK their home. They have access to a unique Central Research Facility housing ₹80 crores of sophisticated instruments for cutting-edge research. Inter-disciplinary R&D Centres enable research translation, and the Science & Technology Entrepreneurs' Park (STEP) facilitates start-up incubation.

NITK seeks to recruit faculty members among Indian nationals from all over the world, possessing excellent and relevant academic credentials. They are expected to contribute to the Institute's growth in terms of world-class teaching, research, innovation and outreach activities. They will leverage the well-established facilities, processes, reputation, and partners of the Institute to excel in their area of interest as well as create economic and social impact.

NITK is planning a fresh round of recruitment to fill 99 faculty positions spread across 14 departments. A detailed Advertisement (vacancy matrix, specializations, application guidelines, portal link, etc.) shall be published in the print media and NITK website in the last week of May 2024.



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Essential Qualifications Required for Faculty Positions

| | Name of the Department/School | Essential Qualification |
|-----|---|---|
| 1. | Chemical Engineering (CH) | PhD in the relevant area and preceding degrees in relevant disciplines. |
| 2. | Chemistry (CY) | PhD in the relevant area and preceding degrees in relevant disciplines. |
| 3. | Civil Engineering (CV) | PhD in Geology/Earth Sciences with M.Sc. in Geology/Applied Geology ; PhD in relevant areas with B.Tech./ B.E. in Civil Engineering with ME/M.Tech in Construction Technology & allied areas. |
| 4. | Computer Science and Engineering (CS) | PhD in the relevant area and preceding degrees in relevant disciplines. |
| 5. | Electrical & Electronics Engineering (EE) | PhD in the relevant area with Master's degree & Bachelor's degree in Electrical Engineering/ Electrical & Electronics Engineering |
| 6. | Electronics & Communication Engineering (EC) | PhD in the relevant area and M.Tech in the relevant disciplines with B.Tech./ B.E. in Electronics and Communication Engineering. |
| 7. | Information Technology (IT) | PhD in the relevant area with M.E./ M.Tech. and and B.Tech./ B.E. in Computer Science/ Information Technology & allied areas |
| 8. | Mathematical & Computational Sciences (MA) | PhD in the relevant area and preceding degrees in relevant disciplines. |
| 9. | Mechanical Engineering (ME) | PhD in the relevant area and M.E/ M.Tech in the relevant disciplines with B.Tech./ B.E. in Mechanical Engineering. |
| 10. | Metallurgical & Materials Engineering (MT) | PhD and Master's degree in Metallurgical/Materials Engineering/ Materials Science with B.Tech./ B.E./ B.S. degree in Engineering |
| 11. | Mining Engineering (MI) | PhD in the relevant area with B.Tech or M.Tech in Mining Engineering. |
| 12. | Physics (PH) | PhD in the relevant area and preceding degrees in relevant disciplines. |
| 13. | Humanities, Social Sciences & Management (SM) | PhD in the relevant area and preceding degrees in relevant disciplines. |
| 14. | Water Resources & Ocean Engineering (WO) | PhD in the relevant area with M.E/M.Tech in Geo Informatics / Remote Sensing and Geographical Information System/ Marine structures/ Offshore structures/ Ocean Engineering/ Ocean Structures/ Water Resources and Management/ Hydraulics Engineering with B.Tech./ B.E. in Civil Engineering |



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Expectations from Faculty Candidates

Applicants must have PhD degree and first class or equivalent in the preceding degrees in appropriate branch, all from reputed and high-ranking institutes/Universities. Applicants must have passion for teaching and demonstrated excellence for research. It is desirable to have post-doctoral experience in academia or R&D lab. Work experience in industry/ startup/ NGO will be an added advantage. They are expected to contribute to the institute in various ways, including the following:

- Teach one core course, one elective, and one lab course per year; at least one of them at UG level.
- Conduct independent research in their field of expertise, guide research students, and publish in reputed journals.
- Prepare proposals to obtain funding from government agencies or industry, and set up or augment relevant labs.
- Translate research work into innovative product/process, file patents and license the technology to startups or industry.
- Organize seminars, workshops, conferences, continuing education programs and other outreach activities.
- Network with industry, other academic/R&D institutes, government agencies, social organizations and alumni.
- Assist in institute administration as hostel warden, student club mentor, lab-in-charge, professor-in-charge, etc.

For any clarification, the following official may be contacted:

1. Associate Dean (Faculty Recruitment)
NITK Surathkal
Srinivasnagar, Mangalore-575 025, Karnataka, India.
Tel: 0824-2473022, Email: associatedean.fr@nitk.edu.in