

List of Instruments

01. Field Emission Scanning Electron Microscope (FESEM) along with EBSD and TKD
02. Scanning Electron Microscope (SEM)
03. NMR (400 MHz)
04. Spectrofluorometer
05. Liquid Chromatography Mass Spectrometry (LC-MS)
06. Ion Chromatography (IC)
07. CHN (Carbon , Hydrogen ,Nitrogen) Analyzer
08. Powder X-ray Diffractions(P-XRD)
09. Dynamic Universal Testing Machine
10. Micro-Raman/PL Spectrometer
11. Atomic Force Microscope (AFM)
12. Thermo Mechanical Physical Simulator' Gleeble 3800

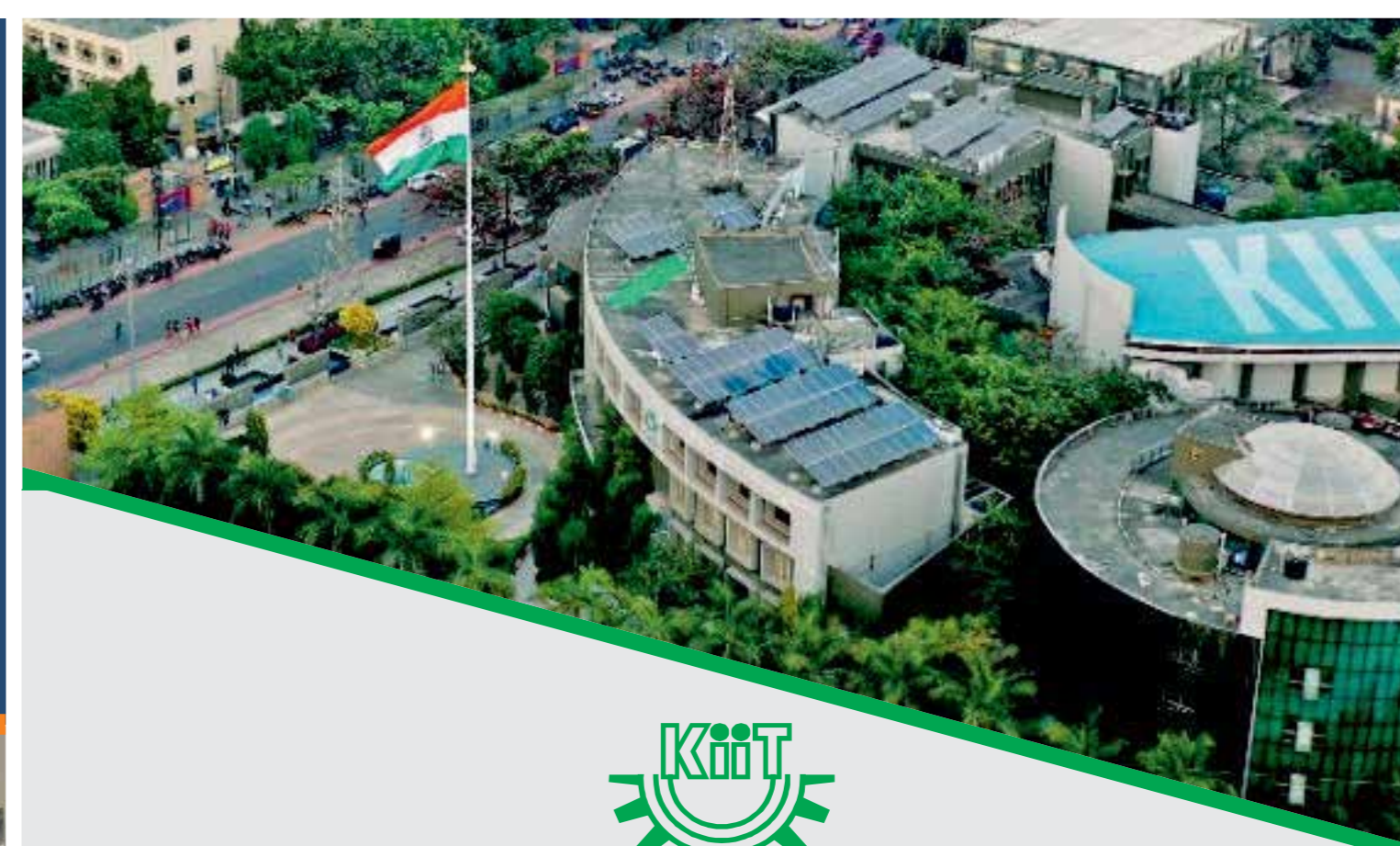


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Summer Internship Programme

31th May to 20th June, 2024

Central Research Facility
K-innovation

**Online Applications are invited
for Summer
Internship Programme 2024**

Kalinga Institute of Industrial Technology
Deemed to be University

Bhubaneswar



General instructions

- Applying for multiple section -Applicant can choose maximum 3 to 4 sections in preference but he/ she will be selected for one section only as per availability and eligibility.
- The list of shortlisted candidates will be displayed in the CRF website:<https://crf.kiit.ac.inj>.
- The course fee is to be deposited through electronic means (by selected candidates only)and scan copy of bank/online receipt with valid photo id is to be sent to : dean.crf@kiit.ac.in

General Information

- The internship fee is non-refundable.
- Original receipt of the fee shall be deposited at time of joining of the course.
- No travelling or any other allowances will be paid to candidate for attending the internship program.
- It is an internship program and it would, therefore, not confer any right/claim implicit or explicit for any candidates for claiming extension or absorption in KIITDU, Bhubaneswar.
- Certificate of Internship will be provided after successful completion of internship.

Important Dates :

Initial date of application : 20th April, 2024

Last date of application : 15th May, 2024

Internship Fee :

The internship fee for selected candidates are given below:

Academic Candidates : Rs. 5000/-

Industrial Candidates : Rs. 8000/-

Bank Details (for Electronic Fund Transfer)

Name of the bank : Canara Bank
Account Name : KIIT Central Research Facility
Name and address of the branch : KIIT Branch , KIIT Campus Branch
Account Number : 110050121051
IFSC Code : CNRB0004915

Objective of the programme

The summer internship programme aims to provide a unique opportunity to potential candidates to learn the applications of various advanced analytical instruments, which are essential for the characterization of materials. Under the guidance of qualified professionals, the interns are encouraged to become familiar with the techniques. They will be given an introduction to the instrument's operation, its operating principles, data analysis, and result interpretation.

Who can apply?

Undergraduate or Postgraduate (Pursuing/Completed), Faculty members in any field of science, engineering, technology or equivalent.

Laboratory or Technical staff working in Govt. recognized Institution/Private/Research Organization/Industry.

Categories available for internship

| Sl. No | Category | Instruments | Experts |
|--------|---------------------|--|---|
| 01 | Chromatography | <ul style="list-style-type: none">• Liquid Chromatography-Mass Spectrometry (LC-MS)• Ion Chromatography (IC) | Dr. Alok Panda Dr. Jyoti Prakash Maity |
| 02 | Microscopy | <ul style="list-style-type: none">• Field Emission Scanning Electron Microscope (FESEM)• Atomic Force Microscope (AFM)• Scanning Electron Microscope (SEM) | Dr. Shanta Chakrabarty Dr. Gopal K Pradhan Dr. Spandan Guha Dr. Santosh Kumar |
| 03 | Spectroscopy | <ul style="list-style-type: none">• Micro-Raman Spectrometer• Spectrofluorometer• NMR (400 MHz) | Dr. Gopal K Pradhan Dr. Alok Panda Dr. Samarsh Jana |
| 04 | Testing of Material | <ul style="list-style-type: none">• Gleeble• UTM• PXRD• CHN Analyzer | Dr. Shanta Chakrabarty Dr. Dipti Biswal Dr. Harekrishna Panigrahi Dr. Brundaban Beriha Dr. Pratap Ku Deheri Dr. Kundan Samal |

