



Indian Institute of Information Technology Raichur
भारतीय सूचना प्रौद्योगिकी संस्थान रायचूर

INTERNSHIP
BROCHURE

2021-2022



Training and
Placement Cell

VISION

“IIIT Raichur is committed to providing an unparalleled learning experience to its students by disseminating practical knowledge, stimulating intellectual growth, and nurturing virtuous character by inculcating in them values of collaboration, creativity, and community service.”

MISSION

“IIIT Raichur, from its very inception, has the philosophy of bringing positive changes in the lives of its students and thereby the society at large. The aim is to cultivate ingenuity, originality, and innovation in the students who are the future of this country.”



CONTENTS

- About IIIT Raichur
- Director's Message
- TPO's Message
- Why Recruit Us?
- Academics
- Extracurriculars
- Internship Process & Timeline
- Contact Us

ABOUT US



The Indian Institute of Information Technology, Raichur (IIITR) was established in 2019, as a center of academic excellence in the field of Computer Science and Information Technology.

Currently being mentored by the Indian Institute of Technology, Hyderabad (IITH), IIITR is an **Institute of National Importance**, formed under the Public-Private Partnership model, with contributions from MHRD, Government of India, and the Government of Karnataka.

With its highly esteemed & able faculty, modern curriculum, and a pioneering batch of bright-minded individuals, IIITR is an abode of creativity and innovation, ready to show the world what it is capable of.

> MESSAGE FROM MENTOR DIRECTOR'S DESK



> MESSAGE FROM TPO

With a vision to become a globally recognized institute for its academic excellence and groundbreaking research and innovation, IIIT Raichur started its journey in 2019, under the mentorship of IIT Hyderabad.



The curriculum of IIIT Raichur, not only focuses on teaching technical courses but also on making the students industry-ready. The rigour in teaching, endeavor to excel in all facets, learning from top-notch researchers and academicians, and participating in extra co-curricular activities inculcate definite excellence in the students of IIIT Raichur. It is my pleasure to invite all the prospective employers and trainers from India and abroad to visit the campus for the internship process. I am sure you will witness the outcome of excellence in the teaching and learning environment created at IIIT Raichur. I look forward to your wholehearted support and engagement with us.



WHY RECRUIT US?

The Prodigious Curriculum and Academic System

- Being mentored by IITH, IIITR has adopted the **innovative fractal academics system**, which warrants continuous evaluation. This ensures a deeper understanding of the core subjects.
- The highly flexible curriculum forged by the esteemed faculty of IITH and IIITR exuberates innovation and inventiveness.
- With *core subjects being incorporated from the first semester itself*, the students can finish their courses quite early and focus on developing projects & industry-relevant skills.
- The institute offers to the students the opportunity for **summer internships** as well as **semester long internships**.

Industry-Relevant Work Experience

The students are working in different startups and tech giants from the first year, working in different fields like Data Science, Machine Learning, Web Development, Software Development, etc. They have been exploring various industry-relevant skills & technologies like Python, C++, Javascript, Flutter, Go, NoSQL, SQL, Django, Node, Vue, React, Docker, among others.

Industry-Based Internships





ACADEMICS

Academic program offered:

IIIT Raichur currently offers Bachelor of Technology (B.Tech) in Computer Science and Engineering (CSE).

Demographics:

CSE'23 Batch Strength - 28

Gender Ratio - 1:4

Curriculum

Semester 1

1. Calculus I
2. Calculus II
3. Intro to Programming
4. Digital Fabrication
5. Digital Logic Design
6. Digital Systems Design
7. Intro to AI
8. Intro to Computer Science
9. Liberal and Creative Arts Electives

Semester 2

1. Vector Calculus
2. Elementary Linear Algebra
3. Differential Equations
4. Intro to Life Science
5. Intro to Hardware Description Lang.
6. Discrete Structures
7. Intro to Data Structures
8. Independent Project
9. Professional Communication Skills

Semester 3

1. Intro to Probability
2. Data Structures
3. Operating Systems 1
4. Design and Analysis of Algorithms
5. Software Engineering
6. Principles of Programming Lang.
7. Computer Architecture
8. LA Electives

Semester 4

1. Theory of Computation
2. Operating Systems 2
3. Compilers and Programming Lang.
4. DBMS
5. Engineering Elective
6. LA Electives



EXTRACURRICULARS

Participating in extracurricular activities is a great way to meet new people, develop interpersonal skills, impart critical and creative thinking and strike a healthy balance between studies and social life. The institute comprises of various technical and cultural clubs which organize exciting events and activities to meet the varying interests of the students, and help them hone their existing skills, while also allowing them to pick up new interests.





Technical Clubs

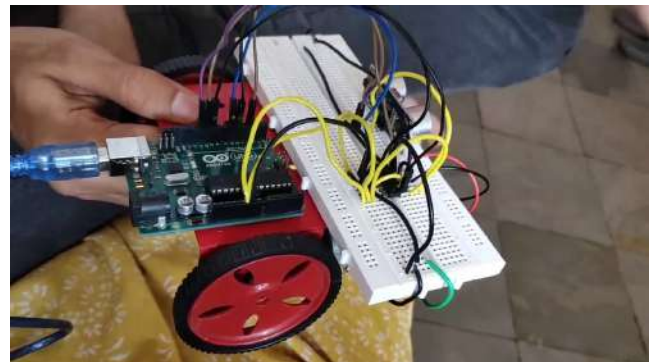


Electrogeeks

The electronics and robotics club of IIIT Raichur is one of the few clubs that started in the first year of the institute. The club focuses on developing solutions with the most advanced robotics and IoT theory.

Events :

- Battery Screw-Up
- Technovation



CodeSoc

The coding and developers club of IIITR was established in 2019. The main objective and focus of the club is to promote good coding and development practices among the student community. The club aims to encourage the brainstorming of impactful ideas, the exploration of various exciting technologies, and healthy collaborations on projects.

Even though the community is small, it consists of enthusiastic people who are always looking forward to learning new things, and collaborating on ideas.

Events :

- Introduction to GCP
- Codeup - Competitive Challenges



Cultural Clubs



Xposure

The Photography Club: Xposure, organizes various workshops, informative sessions, photo walks and contests to encourage and develop modern photographic skills in the students.

Events :

- PhotoWalks
- Sessions
- Photography Competition



Finesse

The cultural club: Finesse, focuses on developing a healthy culture among the students, staff, and faculty by organizing various exciting events at regular intervals.



Events :

- Carnatic Music Session
- Movie Screening
- Debates





NSO Club

The sports club of IIIT Raichur was established in 2019. The main objective of the club is to encourage involvement in sports and physical activity in order to mould healthier, safer, and prosperous communities. Our college provides various facilities for the students to develop their athletic and personal skills.

Events :

- Chess Tournaments
- Carrom Tournaments
- Volley Ball Competitions
- Cricket Matches
- Friendship Race



NSS Club

NSS Unit of IIIT Raichur started in the year 2019. The club has organized various events in collaboration with the NSS unit of IIT Hyderabad.

Events :

- Clean India Drive
- Swachhata hi Seva
- Plantation Drive
- Udaan
- Road Safety





EBSB Club

The EBSB club of IIIT Raichur aims at introducing students to various diverse cultures and traditions of India. The EBSB club was initiated in IIIT Raichur on 2nd January 2020. Since then, the club has been organizing various events every month.



Events :

- EBSB Exchange Program
- Poetry Competition
- Cooking Challenge
- Mandala Art Contest



Aurora

To maintain the good psychological well-being of students and faculty alike, Aurora, the counseling cell of IIITR has been set up in 2021. Since the inception of the institute, Sunshine: the counseling cell of IITH, has been handling the activities, reaching out to the students to provide social, mental, and academic help.



Types of Internships

We offer two kinds of Internships -

- 1) Summer Internships
- 2) Semester Internships

Particulars	Summer Internships	Semester Internships
Participants	UG Students	UG Students
CGPA Eligibility	Not Applicable	>8.0 (At the end of 4th Sem)
Duration	2 Months	6 Months
Hiring Phases	Fastrack & Rolling	Fastrack
Internship timelines	May - July (Between 6th and 7th Sem, max 8 weeks)	Jan - June (During 6th Sem)

Internship Process

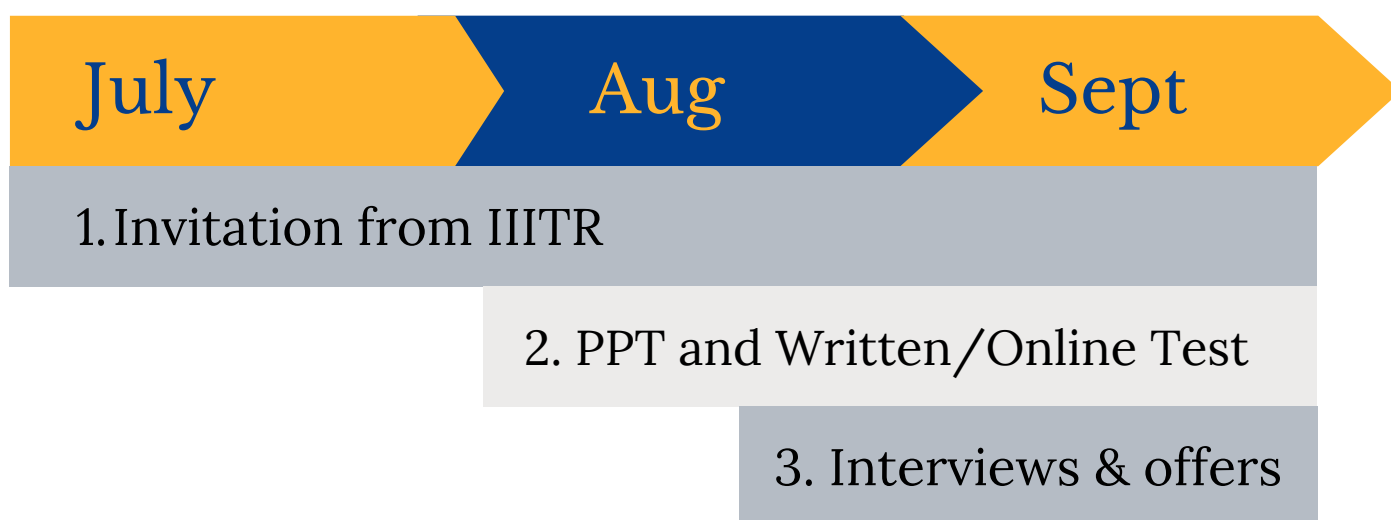
- IIIT Raichur sends out invitations to the companies with relevant information.
- Companies register through the Internship Announcement Form.
- Student Coordinators are allocated as SPOCs for each company.
- The pre-hiring process including PPT, Written tests (Online/Offline, GD, etc.) is carried out by the companies.
- Students are selected and hired by companies through the rolling of offers.

Internship Timeline

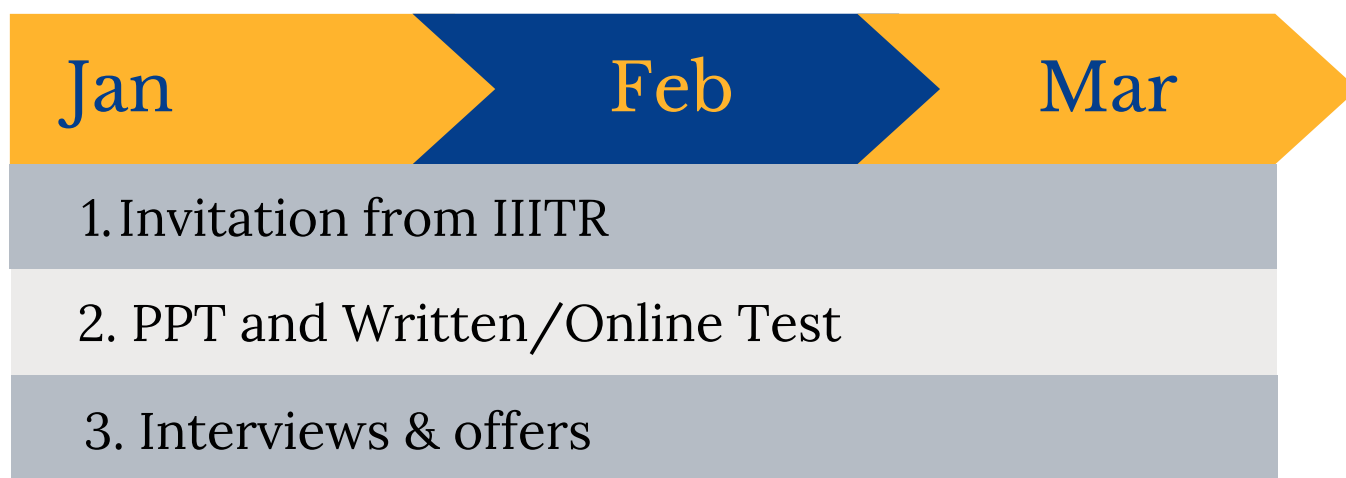


The internship process is carried out in two phases.
The timelines for the two phases are shown below :

Intern Hiring - Fastrack



Intern Hiring - Rolling





HOW TO REACH US

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Internship Brochure

2021 - 2022