



# AIT

A Centre Of Educational Excellence



# Adichunchanagiri Institute of Technology

Chikkamagaluru - 577102





**Parama Poojya Jagadguru Padmabhushana  
Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji**

Parama Poojya Jagadguru Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji's mission is to establish global peace and universal brotherhood through spiritual, educational, healthcare, environmental, social, moral & cultural activities. Realizing the need, his holiness initiated Sri Adichunchanagiri Shikshana Trust with the main motto of imparting knowledge. Swamiji is a recipient of Padmabhushana and many honorary doctorates in recognition of his service to the society.



**Parama Poojya Jagadguru  
Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji**

Parama Poojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji, the Pontiff of Sri Adichunchanagiri Mahasamsthana Math is a guiding spirit in all our progressive works and giving new dimension to the technical educational institutions Governed by Sri AST®.

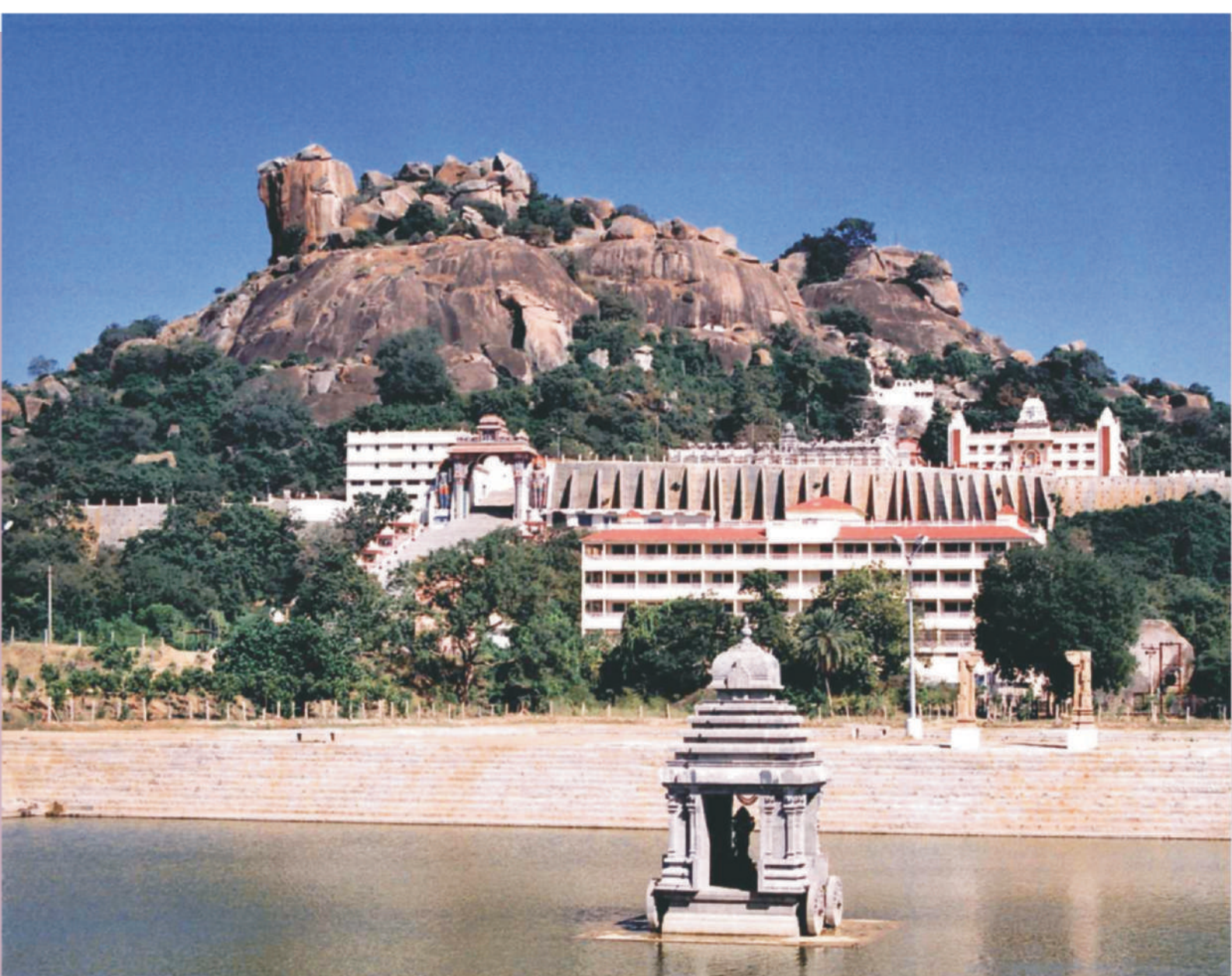


**Poojya Sri Sri Gunanatha Swamiji**

Poojya Sri Sri Gunanatha Swamiji, Adichunchanagiri Mahasamsthana Math, Sringeri Branch, is the guiding force for all the developmental activities of the institution.

## **Sri Adichunchanagiri Shikshana Trust (R)**

Sri Adichunchanagiri Shikshana Trust (R) was established in 1974 with the objective of rendering social, educational and medical services to the people of rural poor across the country under the divine leadership of His Holiness Bhairavaikya Paramapoojya Jagadguru Padmabhushana Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji, founder of Sri Adichunchanagiri Shikshana Trust. His Holiness Sri Sri Sri Swamiji's efforts have focused on providing the basic necessities of food, education and health for common people. The trust has established more than 500 educational institutions including institutions of higher learning and highly reputed professional colleges wherein more than 1,50,000 students are quenching their thirst of knowledge especially a significant numbers from rural areas. Now the trust is headed by His holiness Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji, Pontiff, Sri Adichunchanagiri Mahasamsthana Math. AIT is one among Sri Adichuchangiri Shikshana Trust which is located in lush green environment of Chikkamagaluru.





**Dr. C.K. Subbaraya**  
Director, AIT



**Dr. N.S. Ramegowda**  
CEO, AST(R)

## **Adichunchanagiri Institute of Technology**

AIT, Chikkamagalur is a unit of Sri Adichunchanagiri Shikshana Trust (R), started in the year 1980 to cater the needs of the engineering professionals of the global market. The institute is affiliated to Visvesvaraya Technological University, Belgavi, recognised by Govt. of Karnataka and approved by AICTE, New Delhi. It is accredited by National Board of Accreditation (NBA), New Delhi for two consecutive periods. The college is also accredited by NAAC with 'A' Grade in 2023. The college campus is located in a sprawling 57.33 acres land with picturesque serene and scholastic atmosphere. Students can imbibe many facets of a newly fulfilling learning experience in a very quiet atmosphere. The institute has well- planned buildings with spacious classrooms, AC Seminar halls, State-of-Art Laboratories, R&D labs with sophisticated equipments, well stacked Library, Indoor Auditorium, Play ground and Multi Gym, Hostels for boys and girls, Canteen, Co-operative Society,Amphi Theatre and other added facilities.

## Principal

With the blessings of the divine soul, Parama Poojya Jagadguru Sri Sri Sri Dr. Balagangadharanatha Mahaswamij, Sincere pranamas to Parama Poojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji, Pontiff Adichunchanagiri Mahasamsthana Math, and Sri Sri Gunanatha Swamiji, Sringeri, Chikkamagaluru Branch.



It gives me immense pleasure to welcome you to our esteemed institution, a center of excellence committed to nurturing young minds into competent professionals and responsible citizens.

At our college, we believe that education is not merely the acquisition of knowledge but the holistic development of individuals. We strive to create an academic environment that fosters innovation, critical thinking, and ethical values. With a team of highly qualified faculty, state-of-the-art infrastructure, and industry-oriented curriculum, we ensure that our students are well-prepared to meet the challenges of the rapidly evolving technological world.

We emphasize not only academic excellence but also co-curricular and extracurricular activities that help in shaping leadership qualities, teamwork, and communication skills. Our institution encourages research, creativity, and entrepreneurship, enabling students to explore their full potential.

In today's competitive world, engineers play a vital role in nation-building. We take pride in guiding our students to become skilled professionals with a strong sense of social responsibility and commitment to lifelong learning.

I invite aspiring students to join our institution and embark on a journey of knowledge, growth, and success.

Wishing you a bright and prosperous future.

With warm regards,

**Dr. Goutham M A**

Principal

Adichunchanagiri Institute of Technology



# COURSES OFFERED

## Under Graduate

- \* Civil Engineering
- \* Mechanical Engineering
- \* Electrical and Electronics Engineering
- \* Computer Science and Engineering
- \* Information Science and Engineering
- \* Electronics and Communication Engineering.
- \* Artificial Intelligence and Machine Learning
- \* Computer Science and Engineering (Data Science)
- \* Robotics and Artificial Intelligence

## Post Graduate

- \* M.Tech in Structural Engineering (Civil)
- \* M.Tech in Digital Electronics and Communication Systems (E&C)
- \* M.Tech in Computer Science and Engineering (CS&E)
- \* M.Sc. (Engg.) by Research in Mechanical Engineering
- \* M.Sc. (Engg.) by Research in Electronics and Communication Engineering
- \* Master of Business Administration (MBA)

## Recognised Research Center Doctoral Programs

- \* Department of Civil Engineering
- \* Department of Mechanical Engineering
- \* Department of Electrical and Electronics Engineering
- \* Department of Electronics and Communication Engineering
- \* Department of Computer Science and Engineering
- \* Department of Information Science and Engineering
- \* Department of Master of Business Administration (MBA)
- \* Department of Mathematics.
- \* Department of Physics
- \* Department of Chemistry





## Highlights of the College

- \* Accredited by NAAC 'A' Grade in 2023
- \* ISO 9001:2008 certified college for quality education
- \* 9 UG and 3 PG Programs in Engineering
- \* MBA (Master of Business Administration)
- \* 10 departments are offering Doctoral Programs
- \* Well experienced faculty with Masters and Doctoral degrees
- \* State-of-the-Art infrastructure and laboratories
- \* High end Computer Systems with adequate software
- \* High speed internet connectivity 1 GB
- \* R&D Projects funded and supported by ISRO, DRDO, AICTE and VTU
- \* Active and dynamic training and Placement Cell
- \* Continuous training for the students to improve various skills
- \* Reputed and prestigious companies visits the compus for placement
- \* Effective counseling/mentoring system
- \* Conducive ambience for learning
- \* Lush Green and Eco friendly Campus.
- \* Excellent Hostel Facilities for Boys and Girls.
- \* Wi-Fi enabled campus
- \* Over 200 University ranks and closed to 100% result every year

## Value Additions

- \* IEEE Students Branch
- \* ISTE Students Chapter
- \* ISTE Local Chapter
- \* CSI Student Chapter
- \* IT Incubation Centre
- \* STEP: Science and Technology Entrepreneurship Park
- \* EnergyPark
- \* +NSS: National Service Scheme
- \* EDP: Entrepreneurship Development Program Cell
- \* BIO-Fuel Information & Demonstration center
- \* NCC

## Department of Civil Engineering

Department of Civil Engineering was started in the year 1980. The department offers UG program with an intake of 60 students and PG program in 'Structural Engineering with an intake of 24 students. Department provides Consultancy services to the private and government organizations.



## Highlights

- \* Highly qualified, well experienced and technically competent faculty to impart quality education.
- \* Department has well equipped laboratories and has a separate computer laboratory exclusively for research.
- \* CONTOUR the department technical fest is organised every year.
- \* Departmental library, Seminar hall, EDUSAT and internet facility.
- \* Pushpalatha H D secured Sixth Rank during the year 2024-25 from VTU.
- \* Meghana V Raj secured First Rank with Gold Medal during the year 2020-21 from VTU.
- \* Nisarga K N secured Second Rank during the year 2020-21 from VTU.
- \* Chirlam Charla Sai Manasa secured Second Rank during the year 2017- 2018 from VTU.
- \* VTU recognized Research Center.
- \* Department has signed Memorandum of understanding (MOU) with KRIDL, CAD Academy, Medini Technologies etc.



# Department of Mechanical Engineering

Department of Mechanical Engineering was started in the year 1980. The department offers UG Program with an intake of 60 students. Department is actively involved in R & D activities and Industry - Institute partnership.



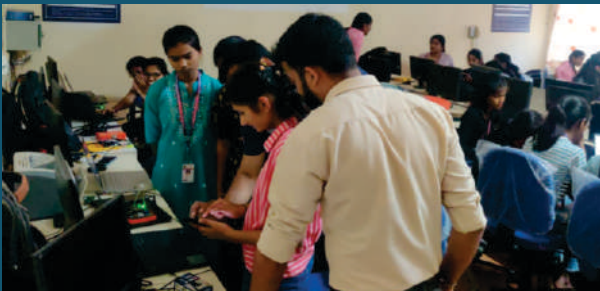
## Highlights

- ❖ Highly qualified faculties with Ph.D degrees.
- ❖ Well experienced, technically competent and committed faculty to impart quality technical education.
- ❖ Department has well equipped CAED lab with advanced modeling and analysis software, CNC Lab, Engines lab, Heat transfer Lab, Hydraulics Lab, BMT Lab, Computerized IC Engine Lab, flexible Manufacturing System Lab.
- ❖ Department Library and Internet facility.
- ❖ National level technical symposium 'TECHNOVIKAS' is organized every year.
- ❖ Toyota kirloskar IC engine Centre of Excellence (COE) demonstration and training centre. Drone training centre sponsored by AICTE , New Delhi.
- ❖ VTU recognized Research Center.



# Department of Electrical & Electronics Engineering

Department of Electrical & Electronics Engineering was started in the year 1980, Department offers UG course with intake of 60 students.



## Highlights

- \* Department has well qualified and experienced staff members to train the students in their academic pursuit of excellence.
- \* Department has well equipped laboratories such as Relay & High Voltage Lab, Electrical Machines Lab, Power Electronics & Drives Lab, Power System simulation lab, Circuits and Simulation Lab, Microprocessor and Microcontroller Lab and Control & Instrumentation Lab.
- \* The software laboratory is equipped with latest computing facilities including software tools like PSPICE, MATLAB, MIPOWER, AND PSIM etc.
- \* Department has skill development laboratories [Internet of Things lab]
- \* Internet access, EDUSAT for the satellite based learning and departmental library with adequate number of books, journals and magazines
- \* Technical, sports meets and cultural festival 'VID YOUTH FEST' is organized every year.
- \* Department will organized alumni interaction/ add on courses/Power plant/industrial/substation visit every year.
- \* A National Level Technical symposium 'E-Belaku is conducted every year.
- \* VTU recognized Research Center.

# Department of Electronics and Communication Engineering

Electronics and Communication Engineering branch was started in the year 1981. The department offers, UG program with an intake of 120 students and a PG program in Digital Electronics and Communication Systems with an intake of 9 students.

## Highlights

- \* Highly Qualified faculties with Ph.D's
- \* Well experienced and technically competent faculty members to impart quality education.
- \* Department has well equipped Laboratories of VLSI and embedded system, Communication and advanced Communication, Digital Signal Processing, Microcontroller and Microprocessor, IoT, Project and Research lab.
- \* Department has Library and internet facility.
- \* A national level Tech fest e-Manthana is an annual feature.
- \* Department conducts technical events under IEEE students branch regularly
- \* \*VTU recognized Research Center.
- \* MoU's with external agencies such as such as Advanced Electronics Systems & Solutions, Bengaluru, Bharat Sanchar Nigam Limited, Chikkamagaluru, Loginware Softtec Pvt. Ltd., Bengaluru, and Tequed Labs Pvt. Ltd., Bengaluru have been signed to provide students with valuable learning experiences, foster professional growth, and enhance their readiness for industry demands.



# Department of Computer Science & Engineering

Computer Science & Engineering branch was started in the year 1986. The department offers UG program with an intake of 120 students and a PG program in 'Computer Science & Engineering' with an intake of 9 students.



## Highlights

- ✧ Highly qualified, well experienced and technically competent faculty members to impart quality education.
- ✧ Department is well equipped with state-of-the-art laboratory facilities, seminar hall, department library, class-rooms and high speed internet facility for students and faculty.
- ✧ Department has signed Memorandum of Understanding (MOU) with leading industries such as IBM, EMC and THE UNIVERSITÀ DEGLI STUDI DEL SANNIO, Italy.
- ✧ Department has established a MODROB lab sponsored by AICTE, New Delhi.
- ✧ Department has organized IEEE International Conference twice in the year 2019 and 2024.
- ✧ Department organizes Computer Awareness Programme regularly for the citizens of Chikkamagaluru under Community Service Activity.
- ✧ Technical Fest 'Abhigna' is organised annually.
- ✧ The department has undertaken an IEEE Philanthropy initiative to enhance the computer literacy of Government school teachers in Chikkamagaluru district.
- ✧ Department Organizes technical events under CSI Students Chapter regularly.
- ✧ VTU recognized Research Center.

# Department of Information Science and Engineering

Department of Information Science and Engineering was started in the year 2000 Department offers an UG course with an intake of 60 students.



## Highlights

- ❖ The Department has well qualified and experienced staff members to impart quality education.
- ❖ The Department has well equipped with state-of-art Laboratories, with all requisite software packages. The department follows high quality process in grooming students to be industry ready and also for the overall development of students by encouraging them to participate in co-curricular and extra-curricular activities.
- ❖ The faculty of the Department are actively involved in teaching and research with specializations in Machine Learning, Parallel Computing, Process Mining, Natural Language Processing, Computer Networks and Soft & Evolutionary Computing.
- ❖ The Department has generated funds from various government organizations like AICTE, VTU, VGST and KSCST for promoting research activities and modernization. The department is having VTU recognized research centre that helps the scholars to take up research and innovative development relevant to the industry as well as society.

# Computer Science and Engineering (Data Science)

The Department of Computer Science and Engineering (DATA SCIENCE) was established in the Academic year 2022-2023 with an intake of 60 students. The Dept. is engaging students in learning technical education through academia and Industry experts. The department has got good results in the University examinations.



Lab Facilities



MOU signing Event



SCR Activity in Data Science dept.



Sports achievers in Data Science dept.

## Highlights

- ❖ **Qualified Faculty**  
Professors with strong academic backgrounds and industry experience, often involved in cutting-edge research and publications.
- ❖ **High-Performance Computing Facilities**  
Dedicated data labs with modern hardware and access to cloud-based analytics environments.
- ❖ **Seminars & Guest Lectures**  
Regular talks from industry experts, alumni, and researchers to bridge the gap between academia and the real world.
- ❖ **Internships & Live Projects**  
Tie-ups with companies for internships, guest lectures, and real-time data challenges.
- ❖ **Placement Opportunities**  
Strong placement support with students recruited by tech companies, financial institutions, start-ups, and consulting firms.



Honoring meritorious students in Data Science dept.

# Department of Artificial Intelligence and Machine Learning

The Department of Artificial Intelligence and Machine Learning was established in 2021 with an initial intake of 60 students.

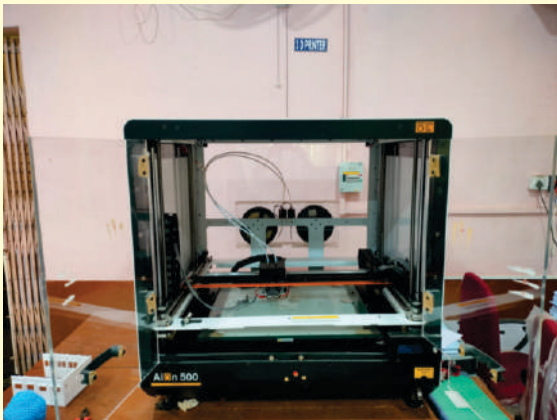


## Highlights

- ✧ A dynamic team of highly qualified faculties with a blend of academic brilliance and real-world industry exposure.
- ✧ The department boasts state-of-the-art laboratories, smart classrooms, and access to industry-grade software and digital learning tools.
- ✧ Strategic MoUs with top tech companies ensure hands-on training, live projects, and internship opportunities for students.
- ✧ Guest lectures, workshops, and certification programs conducted regularly by renowned AI/ML professionals alongside the curriculum to enhance student skills and employability.
- ✧ Students actively participate and excel in national and international hackathons, coding contests, and startup incubation programs.
- ✧ The annual departmental tech fest provides a vibrant platform for students to showcase their talents, collaborate on innovations, and enhance technical and managerial skills.



# Department of Robotics and Artificial Intelligence Engineering



Department of Robotics and Artificial intelligence Engineering was started in the year 2024. The department offers UG Program with an intake of 30 students. The department is collaboration of IT and Mechanical Engineering

## Highlights

- ❄ Highly qualified faculty members with Ph.D degrees.
- ❄ State of the art 3-D Printer and Flexible Manufacturing System laboratory.
- ❄ Memorandum of Understanding (MOUs') with reputed IT Companies and manufacturing industries.
- ❄ Sophisticated and advanced Robotics Lab.





## Department of Library and Information Centre

The Library houses 84,496 volumes and 19,277 titles, using the Koha Open source Library Information System Software, covering a wide range of subjects in Science, Engineering and Management. Its collection includes various resources, such as audio and video CD-ROMs, a Digital Library, and access to national and International e journals. Additionally, the library holds memberships with the VTU-Consortium (<https://aitc.knimbus.com>), DELNET, and the DSpace Institutional Repository, providing extensive databases for e-books and e-journals. The library also has lending arrangement with other libraries, serving as a readily available source of materials, references, and formats for teachers, students and scholars.

The AIT Library is organized to help users navigate its vast knowledge bank, making it easier to access the information they need. Every year, the library hosts an orientation programme, National Day Book Exhibition, and quiz competition to encourage reading habits among its users. The library also recognizes outstanding users- teachers, research scholars and students by awarding the Best User Award annually.



## Placement and Training Cell

Department of HRD recognizes the need for imparting proper, streamlined and industry oriented training and as such actively organizes need-based short and long term programs on a regular basis. To enhance the skills among the students, Placement & Training department conducts various Training Programs to improve Aptitude Skills, Soft skills & Technical Skills and arrange Student-Industry Interactions.



Companies Visited for Campus Recruitment for 2023 & 2024 Batch	
Accenture	Actevia Technology Services Pvt Ltd
Hitachi Vantara	Wipro
Mu Sigma	Intellipaath
TCS	Techcanopy
Hexaware Technologies	IMEG
TEK Systems Global Services Pvt Ltd	VASPP Technologies
Tech Mahindra	Java Learning Center
Clarivate Analytics	Revature
Kanini Software Solutions	Webstack Academy
Focus Edumatics	CUBIZ DESIGN SOLUTIONS PVT LTD
Quest Global	Indiamart
Robosoft Technologies	Toyota Kirloskar Motor
Pi Square Technologies	Academor
Palle Technologies	Ebenus Design Solutions Pvt Ltd
IBM	Mitsogo Technology
Mercedes Benz	DeltaX
FACE Prep	Rupeek Fintech Pvt Ltd
Teachnook	Tata Consulting Engineers
Qspiders	IOPEX Technologies
Stratogent	Cyber RealM Labs
PlanetSpark	Creo IT Private Limited
Emertxe	Cadmaxx Edtech Pvt Ltd
Corizo	Ace Designers
TAP Academy	Seventh Sense Talent Management
KodNest	Star Management
Sonata Software	Vintrus
Pentagon Space Pvt Ltd	PRDC
Ethnus	Kirloskar Electric Company Ltd
X-workZ ODC	Neviton Softech
Skillforge E-Learning Solutions	Mobileum
L & T Defence	Capgemini
Mavenir Systems Pvt Ltd	Survey Sparrow

Academic Year	Number of Eligible Students	Total Job Offers	Overall Placement Percentage
2020-21	411	361	88%
2021-22	465	380	82%
2022-23	470	388	83%
2023-24	455	357	79%

## Research and Development

The college has BGS R&D Center which initiates projects under thrust areas. Several R & D Projects sponsored by MHRD, AICTE, DST, VTU & UGC are currently under progress. Many faculty members and students have registered for their Doctoral Programs (Ph.D).

## ACTIVITIES

### Sports

The institute has a spacious playground consisting of basketball and football courts, cricket ground and an athletic track and well equipped multi-purpose gymnasium. The institute hosts university level sports meet regularly.

### Chunchana

State level inter-collegiate cultural extravaganza is conducted every year under the banner of "CHUNCHANA". Ample opportunity is given to the students to exhibit their talents in sports, cultural and Co-curricular activities. Kannada Rajyothsava is celebrated every year.



## HOSTELS

The college has modern hostel facilities in the campus for both boys and girls with in-house mess facility providing hygienic and nutritious diet. The college has two boys hostels; one is for exclusively first year students. Hostels are well furnished with modern amenities and convenience like spacious rooms, hygienic kitchen, dining hall, hot water facility, indoor games, Gym etc.



## CAFETERIA

Well equipped spacious canteen serving multi cuisine. At the canteen, dishing out menus is highly popular among students as well as staffs. Students enjoy their food in the clean, well maintained, aesthetic and appetising atmosphere. The homely atmosphere and aroma of delicious food permeates the air as they eat, drink and chat. It remains a focal place of the students for rest and refreshment.



## TRANSPORTATION

A fleet of 16 buses provide a good transportation facility for the students and staff to commute town and college.





## NCC

### MOTTO of NCC: "Unity and Discipline"

#### About NCC

The National Cadet Corps is the Indian military cadet corps with its head Quarters at New Delhi. It is open to college students on voluntary basis. The National Cadet Corps in India is a voluntary organization which recruits cadets from colleges and Universities all over India. The Cadets are given basic military training in small arms and parades. The officers and cadets have no liability for active military service once they complete their course but are given preference over normal candidates during selections based on the achievements in the corps.

#### NCC @ AIT

NCC Unit in AIT established & NCC activities started from the Academic Year 2023-2024 for all the first year B.E Students. With total allotment of 20 Senior Wing (SW) each year, Company (Coy) under Fully Self Finance Scheme (FSFS) Unit: Army Unit, Battalion: 15 Karnataka Battalion NCC Hassan Group Head Quarters: Mysore, Directorate: Karnataka & Goa NCC

#### Benefits of Joining NCC:

1. Cadets who aspire to join the defence forces, NCC "C" certificate is a golden opportunity for them to go to SSB directly. These candidates are exempted from giving the common entrance exam and are called directly for SSB .
2. Reservations in Central Government & State Government jobs for cadets with NCC 'B' & 'C' certificate especially in UPSC, SSC, Railway Board, Central Armed Police Forces. & SSB examinations.
3. Priority recruitment in private companies like TATA, Mahindra, Wipro & Reliance etc for cadets with NCC 'B' & 'C' certificate.
4. Enhanced Self Discipline and confidence, through military courses, drill and weapons training



## **ENTREPRENEURSHIP DEVELOPMENT PROGRAM CELL (EDP)**

EDP Cell conducts programs in the areas of skill and behavioral changes to generate self awareness and entrepreneurship awareness camps.

## **IT INCUBATION CENTRE**

Institute has IT Incubation Center funded by Government of Karnataka to train and encourage young entrepreneurs in IT based medium and small scale industries.

## **SCIENCE AND TECHNOLOGY ENTREPRENEURSHIP PARK (STEP)**

Institute has established STEP to train & motivate young entrepreneurs to start their own industries and to provide suitable training in application fields of science and technology. STEP has been funded by NSTEDB, Department of Science and Technology, Government of India and Department of Industries and commerce, Government of Karnataka.



## **NATIONAL SERVICE SCHEME (NSS)**

An ample opportunity has been provided to the students to serve the society and to develop the personality through attending village, state and national camps. Community service under NSS has covered aspects like adoption of village for intensive development work, carrying out the medico social service, Mass immunization, sanitation drives, adults education etc.,



## News Letter

A news letter "CHUNCHANA" is published quarterly which highlights various activities of the campus and achievements of staff & students respectively.



## Energy Park

Energy Park has been sanctioned by Ministry of Non conventional Energy Resources, Govt. of India. Research and Project work in the area of Renewable energy source like Solar, wind, Biogas etc., are undertaken. Students and local entrepreneurs can take up project work in these areas.



## Garden And Lawn

The management is concerned about of environmental aspects. The college has maintained acres of green lawn and gardens. The college has got check dams within the campus. Priorities are given to innovative concepts like Rain Water Harvesting (RWT), Water conservation and social forestry. Every year institution bags first place in the district level competition for the best Institution Garden.



## Honour & Awards

College recognizes young and vibrant talented students for their meritorial excellence by encouraging and awarding Gold Medals & Cash prizes every year.

# OTHER ACTIVITIES



# SPORTS ACTIVITIES





## Adichunchanagiri Institute of Technology

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