



AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU

Approved by AICTE, New Delhi, Affiliated to VTU, Belgaum, Recognized by Government of Karnataka
Obalapura Post, Lingapura, Koratagere Road, Tumkur- 572 106, Karnataka



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TECHNIKA

2K24-25

REPORT



AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



“TECHNIKA 2k24 -25 – Project Expo”



Events: “AIT Open Day”

Date
26/11 2024

Time: 10:00 Am
Onwards

Venue: AIT,
Tumakuru

Patron

Principal

Dr. K. V. SREENIVASA RAO

Chairman

Dr. SHIVAKUMAR K S

Managing Trustee

Dr. SHOBA S

Dr. Vijaya Kumar H R

Organizing Committee Head

Dr. NAGENDRA KUMAR M
HOD, ECE

Dr. Yathisha L
Dean



AKSHAYA INSTITUTE OF TECHNOLOGY located in Tumkur is founded by Akshaya Education Trust with Dr.Shivakumar K S as the Chairman of the Institute who is a renowned Pediatrician known for his simplicity, vision and entrepreneurship. Ever since the inception of Akshaya Institute of Technology in the year 2009 with the blessing of Dr. Sri Sri Shivakumara Swamiji of Siddagang Mutt, the College has gained great momentum to establish itself as one of the reputed institutions in the country. Tumkur is being considered for smart city development program and has a huge industrial township and food park which is generating great job opportunities in multifaceted areas. Akshaya Institute of Technology is one of the popular Engineering Colleges in Karnataka offering Technical Education in various branches of Engineering. The institute is devoted to the cause of technical education and focuses on character building and man making exercise by inculcating ethical, moral and spiritual values in the students. The campus is spread over 25 acres of land with wide spread buildings and lush green open space. The objective of the institute is to impart high quality engineering education to produce graduates who are globally acceptable. To meet this objective the institute has good academic ambience, highly qualified and dedicated faculty members, well equipped laboratories with state of the art experimental facilities to produce world class engineers. All the class rooms are provided with audio visual equipments and smart boards for maintaining impressive and inspiring content delivery during lecture classes. Majority of the faculty members are actively involved in research and publishing their research findings in reputed national and international journals and conferences. The faculty members frequently undergo training programmes to update their knowledge for the changing requirement. The institute has well-stocked library which is kept open from 8am to 8pm. Large number of books on various fields of engineering cater to the needs of the students. The institute offers under graduate (UG) and post graduate (PG) courses in four thrust areas of engineering; Mechanical Engineering, Civil Engineering, Computer Science and Electronics and Communication Engineering. Placement and training department of the institute organizes various training programmes right from the first semester to final semester on spoken and written English in addition to various skills development programmes required to make the students employable and acceptable by the corporate world. Excellence in teaching-learning activity of the institute has resulted in high pass percentage with excellent scoring by the students in the university examinations. Consistent and quality placement training has resulted in good number of campus placements of the students in reputed companies. Some of the students aspire for higher studies and obtain seats in western universities with scholarships. The alumni of the institute have spread across the globe and some of them have occupied top positions in multinational companies. Annual alumni meet is organized on May 1st of every year. The Pre-Incubation centre of the institute is working very effectively and transforming many young graduates into entrepreneurs. Good numbers of start-up companies are being initiated in the pre-incubation centre. The institute provides free space, building, electric power, water and other basic facilities for the start-ups. The institute is associated with many industries and universities for collaborative technical programmes and research activities. Many students participate in co-curricular and extracurricular activities and competitions organized by other institutes and win prizes. The institute organizes technical and cultural fests every year in which the students from other institutes will also participate. All the students of the institute participate in NSS and Swach Bharath activity on all Saturdays. For all-round development of the students, the institute has the facilities like, digital library, music club, dance club, sports club, well equipped jim, reading room, yoga centre, etc. Bus facility is available for the students and faculty members to commute to various parts of the city. High-tech canteen meets the needs of the students and employees of the institute. The campus is wifi enabled and the students can access internet anywhere in the campus round the clock, including in the hostel. Separate hostel facility is available for boys and girls in the campus at nominal charges. The institute helps students in obtaining various scholarships. Top scorers in the university examinations are suitably rewarded. The short-term goal of the institute is to get NBA and NAAC accreditation. The long term goal is to become autonomous institute and ultimately a world class deemed university.

Department of Electronics & Communication feels proud of the quality & need based instruction & Practical training imparted to its students to face the challenges of the fast changing corporate and technical world. Because of the dedicated faculty & excellent coaching in both theoretical and practical, students coming out of from the portal of the ECE department are placed in top ranking companies in India & abroad, many students have gone for higher studies. In ECE department, students will study wide Variety of Theoretical & industry oriented subjects. The students will also implement their theoretical knowledge through mini & major projects which involve the innovative ideas & social relevance. It also provides a platform for the Research in the emerging areas through its research center & exhibit student co-curricular activities, paper presentation, innovative ideas, technical talents through e-club. ECE department is a right place to choose to reach the goal & shape up the carrier.

Advisory Committee

- Dr. K M Ravi Kumar, Principal, VIT, Bengaluru
- Dr. Raju A S, Professor and HOD, SSIT, Tumakuru
- Dr. Bharathi Gururaj, Professor and HOD, ACSCE, Bengaluru
- Dr. Ramesha m, Professor, Dept. of ECE, GITAM UNIVERSITY, Bengaluru
- Mr. Vijaya Mahantesh, Team Head, Clever bit Technology @ CADMAX, Bengaluru
- Mr. Krishna Chethan T S, Senior Software Engineer, ARM Embedded Technologies, India

Organizing Committee:

1. Mr. Siddamal, Professor
2. Mrs. Padmavathi N, Associate Professor
3. Dr. Vijaya Kumar H R, Associate Professor
4. Mrs. Bharathi N, Assistant Professor
5. Mrs. Arshiya Ruheen , Assistant Professor
6. Mrs. Arpitha H B, Assistant Professor
7. Mr. Pradeep Kumara V H, Assistant Professor, Mini Project Coordinator
8. Mr. Ravi Naik D, Assistant Professor
9. Mr. Swami, Lab Instructor, Mrs. Pallavi, Tutor, Mrs. Shamantha, Tutor, Mrs. Yashoda, Lab Attender, 7th, 5th, 3rd, 1st Semester Students



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Department of Electronics and Communication Engineering



Technika - 2K24- 25



Department Level Project Exhibition – “AIT Open day”

Date: 26/11/2024

Venue: AIT Auditorium, Tumkuru

Time: 10 AM Onwards

Patrons

Dr. Shivakumar K S
Chairman, AET

Dr. Shobha S
Managing Director, AET

Dr. K. V. Sreenivas Rao
Principal, AIT

Co-Patrons

Dr. Yatisha L
Professor and Dean

Dr. Nagendra Kumar M
HOD, ECE

Organizing Committee Head: Dr. Vijaya Kumar H R, Dept. of ECE

Compose



- Inbox 3,292
- Starred
- Snoozed
- Important
- Sent
- Drafts 1
- Categories
- More

Labels

- Personal
- Travel
- More

Invitation for "TECHNIKA 2K24-25 - AIT OPEN DAY: Department Level Project EXPO " as chief



vijaya kumar <vijayec106@gmail.com>
to Dr.Raju.A.S

Respected Sir

This is **Dr. Vijaya Kumar H R, Associate Professor, Dept. of ECE**, Akshaya Institute of Technology, Tumakuru.

Hereby I am kindly inviting you as chief guest for the event "**TECHNIKA 2K24-25 - AIT OPEN DAY: Department Level Project XPO** " as chief Guest on 26/11/2024

Please consider our request and please do come for the day 26/11/2024 as a **chief guest**.

Kindly Note: Invitation flyer and broucher is attached wthih this mail.

Thanking you

Regards

Dr. Vijaya Kumar H R
Associate Professor, Dept. of ECE
Akshaya Institute of Technology, Tumakuru

2 Attachments • Scanned by Gmail



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Dr.Raju.A.S

to me

Thanks for your invitation. And I am very sorry to inform you that due to preoccupied work I unable to attend the event. Please consider my absence.

Thanks with regards

Dr. Raju. A .S

B.E.,(Instrumentation), M.Tech.(BMI), Ph.D., (VTU), MISTE

Professor & Head

Department of Biomedical Engineering

Sri Siddhartha Institute of Technology

(A Constituent College of SSAHE, Tumakuru)

Kunigal Road, Maraluru

Tumakuru - 572 105.

Karnataka, INDIA

Phone- +91-9448401980

Thanks for informing.

Thank you for your response.

Ok, no problem.

Reply

Forward



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Invitation for "TECHNIKA 2K24-25 - AIT OPEN DAY: Department Level Project EXPO " as a Guest



vijaya kumar <vijayec106@gmail.com>
to rmuniyap

Respected Sir

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Please consider our request and please do come for the day 26/11/2024 as a **chief guest**.

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Thanking you

Regards

Dr. Vijaya Kumar H R
Associate Professor, Dept. of ECE
Akshaya Institute of Technology, Tumakuru

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Ramesha Muniyappa
to me

Dr.Vijay Kumar, Thank you for the invitation, Sure I will be there on time.Thank you



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vijaya kumar <vijayec106@gmail.com>

to rmuniyap

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Thanking you

Regards

Dr. Vijaya Kumar H R

Associate Professor, Dept. of ECE

Akshaya Institute of Technology, Tumakuru

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Ramesha Muniyappa

to me

Dr.Vijay Kumar, Thank you for the invitation, Sure I will be there on time.Thank you

Thank you for your response.

You are welcome.

Thanks, I will

Reply

Forward





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