

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING***Transformation Journey for Guiding a New Generation For Entrepreneur***EDITORIAL BOARD****CHIEF EDITOR**

Dr. Sharanbasappa
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Aditi
3LA23EC002

Rameshwari
3LA23EC036



Key Highlights: The resource person emphasized the urgent need to reform the existing education system to align with the demands of the 21st century. The key takeaways from the session were:

Outdated Methods: The present education system still follows outdated 19th-century teaching methodologies, which do not cater to the needs of modern learners.

Technological Advancements: The fast-paced evolution of mobile phones and digital tools has significantly changed how students learn and interact with information.

Challenges in Indian Education: Issues such as an obsolete curriculum, lack of infrastructure, and minimal focus on critical thinking continue to hinder educational progress.

Innovation and Creativity: There is a growing need to cultivate innovative thinking and creativity among students to prepare them for entrepreneurial roles in the future.

Suggested Strategies for Improvement: Ms. Pallavi Biradar proposed several practical strategies to bridge the gap between traditional education and contemporary needs:

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“TRANSFORMATIONS IN IT INDUSTRY”

Student achievements

LINGARAJ APPA ENGINEERING COLLEGE
BIDAR, KARNATAKA

CONGRATULATIONS
4th Semester ECE Department Toppers
Academic Year 2024-25

1ST TOPPER
Santoshi
USN: 3LA23EC040
★ ACHIEVED **83%** ★

2ND TOPPER
Rameshwari
USN: 3LA23EC036
ACHIEVED **82.44%**

3RD TOPPER
Adithi D
USN: 3LA23EC002
ACHIEVED **77.67%**

WISH THEM CONGRATULATIONS FROM:
Secretary, Principal, HOD & all
Teaching & non-Teaching Staff Members

LINGARAJ APPA ENGINEERING COLLEGE, BIDAR
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

6th SEM TOPPERS
★★★ ACADEMIC YEAR 2024-25 ★★★

1st
DIVYALAXMI
USN: 3LA22EC013
89.11%

2nd
BIRADAR TRIVENI
USN: 3LA22EC012
87.44%

3rd
SUMAN
USN: 3LA22EC040
87.22%

Hearty Congratulations!
Your hard work, dedication and perseverance
have brought glory to the department.
Keep shining and achieving greater heights!

SECRETARY | PRINCIPAL | HOD | & ALL TEACHING & NON-TEACHING STAFF MEMBERS
★★★ TOGETHER WE CELEBRATE SUCCESS! ★★★

LINGARAJ APPA ENGINEERING COLLEGE, BIDAR
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

8th SEM TOPPERS
★★★ ACADEMIC YEAR 2024-25 ★★★

1st
SUDHAKAR
USN: 3LA21EC028
97.25%

2nd
DARSHAN
USN: 3LA21EC005
97%

3rd
RANJEETA
USN: 3LA21EC020
96%

Heartiest Congratulations!
Your hard work, dedication and perseverance
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Keep shining and achieving greater heights!

SECRETARY | PRINCIPAL | HOD | & ALL TEACHING & NON-TEACHING STAFF MEMBERS
★★★ TOGETHER WE CELEBRATE SUCCESS! ★★★

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru - 560012

LIST OF PROJECTS SANCTIONED UNDER
48th SERIES OF STUDENT PROJECTS PROGRAMME: 2024 - 2025

BIS	48S_BE_0801	AUTOMATIC ACCIDENT DETECTION AND AMBULANCE RESCUE SYSTEM - SMART BIOS SERVICES USING AROUND	B.E. ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHARANBASAPPA SHETKAR	Ms. PRIYANKA Ms. ATTOFFA JABEEN Ms. ARCHANA Ms. PAUVAN
BH	48S_BE_2009	DESIGN OF A CHARGE PUMP BASED, PHASE LOCKED LOOP (PLL) FOR MEDICAL APPLICATIONS	B.E. ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SAGARKUMAR BUYIA	Ms. SA PRASSAN Ms. VINAYAK GHATGE Ms. DIVYA SB Ms. SANDHYARANI

Toppers of Even semester(2025-26) & KSCST Projects

National Science Day

The Inter Collegiate Poster Presentation the Eve of National Science Day Organized by Lingaraj appa Engineering College Bidar in Association with IEEE Student Branch and Microwave Theory and Technology Society. The Program was beginning with lighting the lamp by the dignitaries. Prof Shivganga patil mam, Associate professor in dept. of ECE FETW sharnbasva university klb .Dr Sujata k mam, Associate professor dept of ECE, FETW, sharnbasva university kalburagi, Dr Savita Soma Assoc prof Dept of ECE GNDCE, BIDAR Dr Veerendra Dakulagi , Professor HOD of CSE (Data Science), and IEEE Student branch Counselor GNDCE, bidar Prof Srikant Sr Gr Lecturer in mechanical dept of Govt Polytevhnic Bidar .Dr vinita patil mam IEEE SB advisor and principal of Laec Bidar. All the pre final year Students and students from GNDEC Students also participated in Poster presentation. Finally prize money given to branch wise winner of 1 st and 2 nd position along with certificates. Program and anchored by Dr.Basavalinga swamy, IEEE SB Counsellor



Awareness on Patent






Prof. Dr. R. Rajasekhar
Vice-Chancellor, Bidar
University



Prof. Ramesh Kumar
Vice-Chancellor, Bidar
University



Prof. Dr. S. Srinivas
Vice-Chancellor, Bidar
University



Prof. Dr. S. Srinivas
Vice-Chancellor, Bidar
University



Prof. Dr. S. Srinivas
Vice-Chancellor, Bidar
University



Prof. Dr. S. Srinivas
Vice-Chancellor, Bidar
University



Prof. Dr. S. Srinivas
Vice-Chancellor, Bidar
University

Lingaraj Appa

Engineering College, Bidar

ITF Student Branch - STB60209665



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Bangalore



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Bangalore

In Association with

IEEE Microwave Theory & Technology Society

INVITATION

You are cordially invited for

One Day Seminar on

AWARENESS ON PATENT

Date : 28th (Friday) February 2025 at 2:30 pm
Venue : Seminar Hall-1

With the kind patronage of

Vidya Bhairavi Poojya Dr. Sharanabasappa Appa

8th Mahadevalli Hanthambur, Sharanabasappa Samasthan, Kulkarni
 President, Sharanabasappa Vidya Bhairavi Sangha, Kulkarni
 Hon. for Charitable Sharanabasappa Charitable, Kulkarni
 Trustee Poojya Dr. Sharanabasappa Appa Family Trust, Sharanabasappa Samasthan, Kulkarni

Prof. M. Srinivas, Dr. D. Kulkarni S. Appa

Chairman, Sharanabasappa Vidya Bhairavi Sangha, Kulkarni
 Head of University, Sharanabasappa University
 Trustee Poojya Dr. Sharanabasappa Appa Family Trust, Sharanabasappa Samasthan, Kulkarni

Poojya Chintamani Poojya S. Appa

9th Mahadevalli Hanthambur, Sharanabasappa Samasthan, Kulkarni
 Trustee Poojya Dr. Sharanabasappa Appa Family Trust, Sharanabasappa Samasthan, Kulkarni

SHRIS

Shri Basavaraj S. Deshmukh
 Director, Lingaraj Appa Engineering College, Bidar
 Member, IEC, Sharanabasappa University, Kulkarni

SHRIS

Shri Sharanabasappa Deshmukh
 Lingaraj Appa Engineering College, Bidar

SHRIS

Dr. Umashri B. Deshmukh
 IEC of CMC, Mysore
 Director, Lingaraj Appa Engineering College, Bidar

Resource Person

Dr. Sujata K.

Associate Professor
 Faculty of Engineering and Technology (Exclusively for Women),
 Sharanabasappa University, Kulkarni

Convenor

Dr. Vinuata Purtil
 I & I: SR Assistant &
 Principal, LAEC, Bidar

Co-Convenor

Dr. Basavaraj Swamy
 IEEE SR Convener &
 Assoc. Prof. Dept. of ECE LAEC, Bidar

All are Cordially Invited

Secretary, Director for HOY's, Principal, Faculties, Students

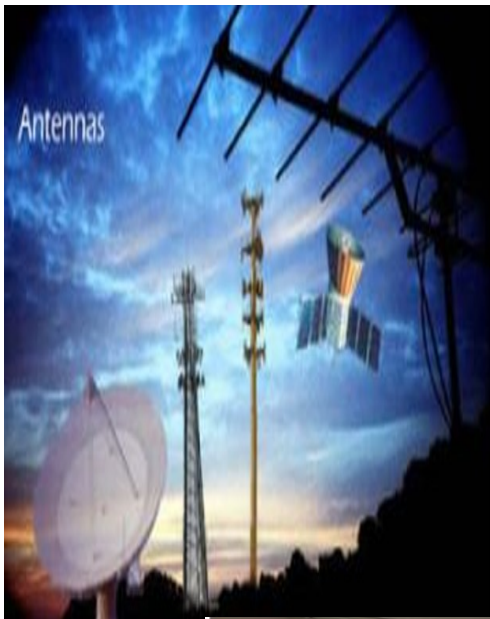
One day seminar on awareness on patent on the eve of national science day organized by Lingaraj appa engineering college bidar in association with IEEE student branch and microwave theory and technology society. Session was delivered by t resource person Dr sujata K Associate professor dept of ECE, FETW, Sharnbasva university klaburagi .All the Pre final year students and Faculty members were present



A Technical Talk on Antenna Technologies

In the world of modern wireless communication, engineer who wants to specialize in the communication field needs to have a basic understanding of the roles of electromagnetic radiation, antennas and related propagation phenomena. Antennas- □ Our electronic eyes and ears on the world. □ Our links with space, essential, integral part of our civilization. They are everywhere -at our homes and workplaces. -on our cars, aircraft, ships, satellites and space craft bristle -as pedestrians, we carry them.

HISTORY □ The first antennas were built in 1888 by German physicist Heinrich Hertz in his pioneering experiments to prove the existence of electromagnetic waves predicted by the theory of James Clerk Maxwell. □ Hertz placed dipole antennas at the focal point of parabolic reflectors for both transmitting and receiving. He published his work in Annalen der Physik und Chemie (vol. 36, 1889). □ In 1897, Marconi first invented and demonstrated radio's ability to provide continuous contact with ships sailing in the English channel. □ With the advent of radar during world war II, an wavelengths becomes popular and the entire radio spectrum opened up to wide usage. □ Thousands of communication satellites bristling with antennas now circle the earth in low, medium and geo-stationary orbits. □ Antennas are used in systems such as radio and television broadcasting, point to point radio communication, wireless LAN, radar and space exploration. □ Antennas are most utilized in air or outer space. □ But can also be operated under water or even through soil and rock at



Gornalli, Bidar 585403
Karnataka



Department Vision

The ECE department aims to lead the way in research and higher education while developing innovative solutions to societal problems.

Department Mission

M1: A Centre of excellence for technology, training, teaching and research with the goal of producing elite electronics and communication engineers to benefit society and the country.

M2: To instill a spirit of entrepreneurship, professional ethics and values that meet the needs of society and industry.

M3: To build a technical workforce by regularly planning workshops, expert talks and Industrial Visits

M4: To facilitate students with opportunities to hone their ethics & leadership potential for their better future

<https://www.lingaraj-appaec.in/electronics-and-communication-engineering-2/>

About ECE Department

The Department of Electronics and Communication Engineering was established in the Institution during 2011. It is one of the Prestigious and Core department in the Institution, offering a UG program with an intake of 54 students and PG program in VLSI Design and Embedded Systems with an intake of 16. It is also a recognized “Research Center” by VTU. The department is headed by Dr. Sharanbasappa Shetkar. The department is strengthened with 3 Professors, 2 Associate Professors, 7 Assistant Professors, and 2 Technical staff. The department has well-equipped laboratories with state-of-art infrastructure, a department library, and internet facilities. The Department endows with additional industrial training, live projects & hands-on to enhance employability.

ECE Dept email:

laec.ece@gmail.com

College Website:

<http://www.lingaraj-appaec.in/>

College email:

