



ACS COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and Govt. of Karnataka)
Mysore Road, Bangalore-560074

Department of
**Electronics & Communication
Engineering**

News Letter

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Department of ECE

Mr. A. M. Prasanna Kumar,
Professor & Head,
Department of ECE

Editors

Dr. M. Mathivanan,
Associate Professor,
Department of ECE

Mr. Vijay Mahantesh,
Assistant Professor,
Department of ECE

ABOUT ECE DEPARTMENT

The department was started in 2009 with an intake of 60. The department of Electronics and communication Engineering is certified by ISO. The Department has an outstanding track record and has consistently intended to produce Electronics & Communication Engineering graduates of exceptional quality and caliber. The educational objective for Electronics & Communication Engineering program are designed to produce competent engineers who are ready to contribute effectively to the advancement of Electronics & Communication Engineering. The Department of Electronics and Communication Engineering is offering M.Tech in Digital Electronics & Communication Systems (from 2014 on wards). The course is approved by AICTE, Government of Karnataka and is affiliated to Visvesvaraya Technological University, Karnataka. It is course providing in-depth knowledge to students of Electronics and communication background in various subject of current interest like Advanced Digital Communication, Modern DSP, Advanced Embedded System, Antenna Theory and Design, Digital Electronics, Error control and coding, Advanced Computer Architecture, along with a course on Linear Algebra and elective courses like CMOS VLSI Design, Wireless & Mobile Network, Advances in VLSI design, Real Time Operating System which the student have option to select various other subjects of their interest.

VISION

Impart quality education to create world class technocrats and entrepreneurs with new ideas and innovations to meet industry expectations through advanced research.

MISSION

- To develop and deliver quality academic programmes in emerging and innovative field of Engineering to empower the students to meet Industry Standards.
- To build student community with high ethical standards to undertake R&D in thrust areas of national and international needs.
- To create centre of Excellence by establishing the incubation centres to meet global research challenges.

COURSES OFFERED

B.E – ELECTRONICS & COMMUNICATION ENGINEERING

M.Tech – DIGITAL ELECTRONICS & COMMUNICATION SYSTEMS

FACULTY DETAILS

PARTICULARS	QUANTITY
TEACHING FACULTY	17
NON TEACHING FACULTY	6
COMPLETED Ph. D	2
PURSUING Ph. D	6

STUDENT DETAILS

PARTICULARS	QUANTITY
I - YEAR	48
II - YEAR	28
III - YEAR	37
IV - YEAR	26

ACADEMIC TOPPERS

BATCH	I RANK	II RANK	III RANK
2009-2013	 Harish C B	 Chitra B M	 Denita Supriya
2010-2014	 Abhilasha C P	 Vidyashree.K	 Deepika J
2011-2015	 Amarashree P	 Priyanka G	 Vinutha K V
2012-2016	 Lakshmi S	 Rakshitha T M	 Akshay M R

PROGRAMME ORGANIZED IN THE DEPARTMENT

S.No	PROGRAMME
1	Technical Talk on “Applications of Embedded Systems” was conducted on 5 th September 2015 by Mr.Loganathan, Technical Engineer, Electrono Solutions.
2	Guest Lecture on “Synthetic Aperture Radar” was conducted on 16 th October 2015 by Dr. Gopalakrishna Nair, Rector RRGJ.
3	A student Symposium “CLONELECTRIC” was conducted on 29 th October 2015.
4	Guest Lecture on “Logical Efforts in VLSI” was conducted on 24 th February 2016 by Mr.Premananda B. S., RVCE, Bengaluru.
5	Workshop on “Open Hardware Prototyping” was conducted on 3 rd & 4 th March 2016 by Mr. Prathik Pai, CEO LogicHive Solutions private limited, Mysuru.
6	Workshop On “Contextual Learning Of Signal and System, Control System and Digital Signal Processing Using MATLAB” was conducted on 23 rd & 24 th March 2016 Mr. Sanjeev Kubakaddi, ITIE Academy, Bengaluru.
7	2 nd National Conference on “Signal Processing, Computing Networks and Power Engineering” on 21 st & 22 nd April 2016.

INDUSTRY VISIT

S.No	PROGRAMME
1	ECE students visited Industrial Visit to Doordarshan Kendra (DD Chandana), Bengaluru, 30 th March 2016.
2	ECE students visited Industrial Visit to Central Power Research Institute, Bengaluru, 15 th October 2015.

STUDENT PROJECT WORK

S.No	PROGRAMME
1	The Final year students have done 8 projects for the academic year 2015-16 and out of which 2 of the projects were carried out at ISRO, Bengaluru.

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

S.No	PROGRAMME
1	Gowtham A., Ambrish V. & Akhil Kumar B. S., participated a National level Student's Project Exhibition-2016 for the title of "Solar Based Automated Precision Agriculture" at Alpha College of Engineering College, Bangalore in association with AICTE, New Delhi.
2	Nandini R. has attended an Internship training on "Simulation and analysis of Spectrum Generation using MATLAB", at the Research Center IMART, DRDO, Hyderabad from 6 th to 25 th January 2016.
3	G. Manisha Reddy has attended an Internship training on "Simulation and analysis of Spectrum Generation using MATLAB", at the Research Center IMART, DRDO, Hyderabad from 6 th to 25 th January 2016.
4	Niranjan R. Kumar has attended a "Vocational Training Programme" from 18-01-2016 to 29-01-2016 BSNL, DTTC, Bangalore.
5	Sindhu C. Bharadwaj has undergone a training on "Advanced Telecom Technology" from 5 th to 10 th January 2016 at RTC, Mysore.
6	Rakesh Gowda attended one day workshop on "Application Design Prototyping" on 22 nd September 2015 at VTURC, Nagarabhavi, Bengaluru.
7	Lakshmi S. attended one day workshop on "Application Design Prototyping" on 22 nd September 2015 at VTURC, Nagarabhavi, Bengaluru.
8	Lalitha R. attended one day workshop on "Application Design Prototyping" on 22 nd September 2015 at VTURC, Nagarabhavi, Bengaluru.
9	Pooja N. S. attended one day workshop on "Application Design Prototyping" on 22 nd September 2015 at VTURC, Nagarabhavi, Bengaluru.
10	Karthik Kumar T. R. attended two day workshop on "Sphere Drone Workshop" on 15 th & 16 th October 2015 at Aerotrix, ACSCE.
11	ECE students participated in various sports events like Cricket, Volley ball and Throw ball matches organized by VTU and secured First and Second prizes.

FACULTY MEMBERS ACHIEVEMENT

S.No	PROGRAMME
1	Mr. Vijay Mahantesh, Assistant Professor has registered his Ph.D in the area of Image Processing under VTU, Belagavi.
2	Mr. Vijaya Kumar H. R., Assistant Professor has registered his Ph.D Image Processing under VTU, Belagavi.
3	Dr. A. Muruganadham, Professor & P.G. coordinator was recognized as a Research Guide under VTU, Belagavi.
4	Dr. M. Mathivanan, Associate Professor was recognized as a Research Guide under VTU, Belagavi.
5	Ramesha M. published "Design and Implementation of fully pipelined 64-point FFT Processor in a FPGA", IJAER, Volume 11, 2016.
6	Bharathi Gururaj published "Image coding, Packetization and Channel coding", IJARSE, Vol. 4, Issue 1, 2015
7	Dr. M. Mathivanan has received a seed money of Rs. 25,000 from RRGi for the project proposal "Design and Development of Solar Based Wireless Irrigation Management System in Precision Agriculture".

MEMBERSHIP OF PROFESSIONAL BODIES

S.No	PROGRAMME
1	Mr. A. M. Prasanna Kumar, Professor & Head is the Life member of ISTE, Fellow member of IETE, Member of IEEE and MSEM Engineers(India).
2	Dr. A. Muruganandham, Professor is the Life member of ISTE and VLSI Society of India (VSI) and member of IEEE.
3	Dr. M. Mathivanan, Associate Professor is the Life member of ISTE, IETE and IAENG.
4	Prof R.J. Kavitha, Associate Professor is the Life Member of ISTE.
5	Mr. Vijay Mahantesh, Assistant Professor is the Life Member of ISTE and IAENG.

PHOTO GALLERY



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