A.C.S. COLLEGE OF ENGINEERING

#207, KAMBIPURA, MYSURU ROAD, BENGALURU - 74

(Affiliated to VTU, Belagavi, Recognized by the Govt. of Karnataka, Approved by AICTE, New Delhi)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

NEWSLETTER

CHIEF PATRONS

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Vice Chairman, Rajarajeswari Group of Institutions

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Executive Director, Rajarajeswari Group of Institutions

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Dr. S. JEYABALAN, Ph.D
Special Officer, Rajarajeswari Group of Institutions

Dr. M. S. MURALI, Ph. D.
Principal, ACS College of Engineering

HEAD OF THE DEPARTMENT

Dr. H.B. BHUVANESWARI
Professor & Head, Department of ECE

EDITOR

Dr. M. MATHIVANAN
Associate Professor, Department f 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 Create Electronics & Communication Engineering graduates of exceptional quality and caliber. The UG Programme is accredited by **NBA** and the institution is accredited by **NAAC with 'A'** grade. The educational objectives of Electronics & Communication Engineering program are designed to produce competent engineers who are ready to contribute effectively to the advancement in 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. These courses provides in-depth knowledge to our students about various recent trends in ECE 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. Highly qualified senior faculty member to guide the students.

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

PROGRAMME ORGANIZED IN THE DEPARTMENT

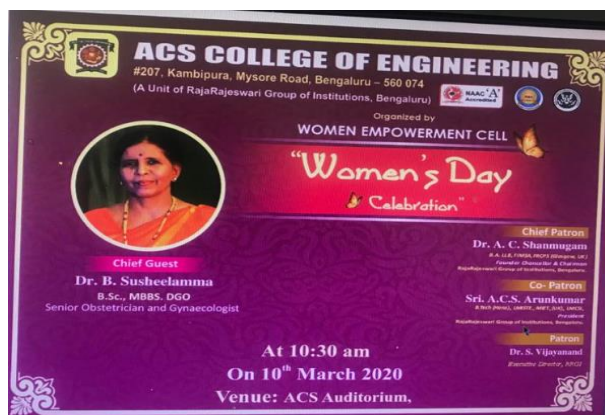| 2019-20 ODD SEMESTER			
Sl. No.	Details of the Programme	Date of Lecture	Title
1	Seminar	20/08/2019	Robotics & IoT
2	Training program	20/8/2019 & 21/08/2019	IIC monthly training program
3	Seminar	21/08/2019	Soft Skill Development
4	Technical Talk	24/08/2019	VLSI Technology
5	Training program	11/09/2019& 13/09/2019	IIC monthly training program
6	Graduation day	14/09/2019	Graduation day 2019
7	IBS	13/09/2019	Campus to Corporate
8	CTDS	01/10/2019	Mobile Applications
9	Technical Seminar	03/10/2019	AI & Application in Modern Industries
10	Industrial Visit	14/10/2019	DiFACTO Robotics and Automation
11	Training program	15/10/2019 & 16/10/2019	IIC monthly training program

CTDS

Technical Talk - INNOVATION AND ENTREPRENEURSHIP

Mr. Karthik Athreya addressing the students

International Womens Day

Dr.H.B.Bhuvaneswari - Yoga Day

Orientation Programme- Dr.H.B.Bhuvaneswari Interacting with students

ECE NEWSLETTER

2019-20 EVEN SEMESTER
Sl. No.	Details of the Programme	Date of Lecture	Title
1	Hackathon	10-01-2010	Internal Hackathon for Smart India Hackathon 2020
2	Seminar FDP	24-01-2020	Being The Best Teacher
3	Technical talk on Microsoft dynamics & Allied technologies	12/2/2010	CTDS
4	Orientation Program	10/02/2020	Events planned, rules for project , internship and innovation lab
5	Technical talk	20/02/2020	Application of Electronics in automobiles industry
6	QSOCS VLSI workshop	15/02/2020	QSoCs
7	IOT EXPO Show	15/02/2020	IOT EXPO Show
8	Project Exhibitions	19/02/2020 20/02/2020	Jnana vigna Tantragnana mela
9	Technical seminar	26/02/2020	Innovation & Startup culture in HEIs
10	FDP for RRGI and Staff members	26/02/2020	Innovation and entrepreneurship
11	IIS (Indian Institute of Science)	29/02/2020	One day 2020
12	Yoga ladies	29/2/2020	Yoga
13	Technical seminar	05/03/2020	Vidhyunman
14	Women's day	10/03/2020	International women's day
15	Webinar 1	18/05/2020	Webinar 1
16	Webinar 2	19/05/2020	Webinar 2
17	Webinar 3	19/05/2020	Webinar 3
18	5 days spoken tutorial on Ardiuno	20/05/2020 to 24/05/2020	5 days spoken tutorial on Ardiuno
19	Parents Meeting	03/06/2020	Parents Meeting

IISC

"Intrenet of Things and Embedded Systems" by Mr.Rakesh patel

Felicitating Mr. Dipan Sahu

Internal Hackathon for Smart India Hackathon -2020

Mr. Srinivas Resource person addressing the Session

Arduino tutorials webinar- IIT Bombay

FACULTY MEMBERS PUBLICATION DETAILS

Sl.No	Faculty Name	Title of the Paper	Details of publication	Year
1	Dr. H B Bhuvaneswari	Arduino Energy Consumption Sensing System with LabVIEW User Interface"	Intelligent Systems Conference (IntelliSys) , RRCE conference ,	2019
		Design and Modeling of a large deflection Micro cantilever using rectangular SCR	Francis Xavier Engineering College ,Tamilnadu ,27-29 November 2019.	2019
2	Prof. A M Prasanna Kumar	Noise Cancellation Employing Adaptive Digital Filters for Mobile Applications	Indonesian Journal of Electrical Engineering and Informatics (IJEEI) Vol 8, Issue -1, pp. 112-122, Mar-2020, ISSN: 2089-3272, Impact Factor : 1.59, Q2 ranking, H-Index – 4	2020
3	Dr. M. Mathivanan	Continuous Kannada speech segmentation and speech recognition based on threshold using MFCC and VQ	International Journal of Electrical and Computer Engineering (IJECE) Vol. 9, No. 6, pp. 4684~4695, December 2019	2019
		Data Secure Algorithm in Cloud Storage	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-3, pp 2632-2635, January 2020.	2020
		Secure routing scheme with multi-dimensional trust evaluation for Wireless Sensor Network	Journal of Ambient Intelligence and Humanized Computing, Springer	2020

FACULTY MEMBERS PUBLICATION DETAILS

Sl.No	Faculty Name	Title of the Paper	Details of publication	Year
4	Mrs. Bharathi Gururaj	Channel encoding system for transmitting image over wireless network	International Journal of Electrical and Computer Engineering (IJECE) Vol. 10, No. 5, pp. 4655~4662, October 2020	2020

Scholars pursuing Ph.D under ACS - Research Centre

Sl.no	Name of the Scholar	Research Centre	Research Guide	Topic of the Research	Year of Registration
1.	Ms. Manasa Charitha	ACS Research Centre, Dept of ECE, ACSCE	Dr. H.B. Bhuvaneswari	Communication Systems	2017
2.	Ms. H.R. Niveditha	ACS Research Centre, Dept of ECE, ACSCE	Dr. S. Anitha	Biomedical Engineering	2017
3.	Mr. S.CH. Vijaya Bhaskar			Image Processing	2017
4.	Chaithanya. D.J	ACS Research Centre, Dept of ECE, ACSCE		Telecomm	2019
5	Madhusudhan.S	ACS Research Centre, Dept of ECE, ACSCE		Image Processing	2019
6	Mr. Vijay Kumar H.R.	ACS Research Centre, Dept of ECE, ACSCE	Dr.M.Mathivanan	Image Processing	2016
7	Mrs. Vanishree Moji	ACS Research Centre, Dept of ECE, ACSCE		Video Processing	2017
8	Mr. Panchaxari Mamadapur	ACS Research Centre, Dept of ECE, ACSCE		Wireless Networks	2017
9	Mrs. Vamsha Deepa	ACS Research Centre, Dept of ECE, ACSCE		Speech Coding	2017

VTU RESEARCH GUIDESHIP DETAIL

S.No	Guide Name	Number of Scholars
1	Dr. H.B. Bhuvaneswari	01
2	Dr. S. Anitha	04
3	Dr. M. Mathivanan	07

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