NEWS LETTER śruti

Department of Electronics and Communication Engineering

BVRIT HYDERABAD COLLEGE OF ENGINEERING FOR WOMEN,
RAJIV GANDHI NAGAR ROAD,BACHUPALLY-500090

REPORT	JULY-2020

About the Department

The Department of ECE was established in the year 2012 with an intake of 60, and could procure extension of intake to 120 from the academic year i.e., 2014-15. The department is supported by well experienced Faculty who are diversified in various domains like Communications, VLSI and Embedded systems. Dr. Anwar Bhasha Pattan is heading the department since from 15th June 2020 and he has 15+ years of teaching experience and his area of interest is VLSI and Embedded Systems. Founder HoD Dr. J. Naga Vishnu Vardhan, Founder HoD, was given the charge of Professor-in-charge Academics. Labs are well equipped and established not only to serve the purpose of the prescribed curriculum but also to take up innovative projects by the students to meet the societal needs. Students are greatly encouraged to participate in various Hackathons throughout the country. Department is accredited by NBA in 2018 for three years and college was accredited by NAAC with 'A' grade.

Vision

To emerge as a centre of academic and research excellence in Electronics and Communication Engineering and create globally competent women technocrats with a high degree of social consciousness in a holistic learning environment.

Mission

➢ To provide quality education to the students with emphasis on training related to latest technologies as per industrial needs.

➢ To impart research culture, professional ethics and moral values to the students by committed and competent faculty striving for excellence.

➢ To inculcate a perceptive alacrity in students to identify real life problems, formulate strategies and evolve into contextually effective solutions.

Programme Educational Objectives (PEOs)

After three to six years of graduation, the graduates of this programme will be able to

➢ **PEO-1:** Excel in contemporary problem solving in Electronics and Communication Engineering and the allied fields through the knowledge-base provided by the program.

➢ **PEO-2:** Demonstrate their technical, communication and leadership skills in professional environment or as entrepreneurs with social responsibility.

➢ **PEO-3:** Analyze the latest issues and technology growth in the field of Electronics and Communication Engineering and update their knowledge and skills accordingly through continuous learning.

➢ **PEO-4:** Demonstrate ethical and human values in multicultural and multidisciplinary environments.

Faculty Achievements

Dr. R. Swathi Reddy, Asst. Prof, ECE received a grant of Rs.18.3 Lakhs DST - SERB for her Project A Feasibility Study and Hardware Framework for Photoplethsymogram based Non-Invasive Blood Parameter Monitoring System using near Infrared Spectroscopy and Machine Learning Techniques

Events conducted

National Awareness Program was conducted by MSME on 26th Feb 2020 at our college. Sri K C Choudhary from MSME graced the session. III and IV B.Tech Students took part in the session. Dr. Anwar Bhasha Pattan, Incharge EDC and his team coordinated the program

IEEE Annual Day was celebrated on 6th March 2020. Mr. Dinakar, System Engineer, Xylinx gave a lecture on Embedded Systems – Introduction and Latest Trends in the morning session followed by 2 events like WHIZ QUIZ and Tech Champion. New committee for IEEESB and GIS chapters are also formed.

Women's Day Celebrations was held in the department on 7th March 2020 and organized event Quotemaster for students to write a beautiful quote on Women.

Two Day Workshop on Ethical Hacking and Cyber Security by Mr. Sai Satish, Indian Servers, was organized under IETE SF, BVRITH on 6th & 7th Jan 2020
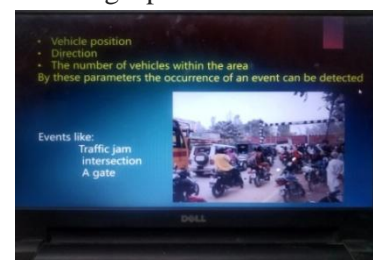

II ECE Students participated in the Session Internet of things organized by Face Book Developers Circle at BVRITH on 27th Feb, Cyber security workshop on 26th and 27th Feb 2020, Hackathon at SNIST etc.

Internal Smart India Hackathon was organized on 10th & 11th Jan 2020 as per the guidelines' of SIH. Mr. S Jagapathi Reddy and Dr T Ramesh were acted as a Judges for Hardware section. Dr A Vasanthi and Ms. Bavitha, CDK Global, Alumni of ECE acted as a Judges for Software section

.WE ENABLE - 36 Hrs Hackathon J-HUB Hackathon League was organized on 24th & 25th Jan 2020. Mr. Manish Gupta, Co-Founder, CTO, The Capital INet Inc, Mr Vipin Sharma, Director R &D, Intralinks, Mr. Uganadar Mamidipoodi, Director, ezesoft.com were invited as the Judges

As a part of Technology Week, Department of ECE, BVRIT HYDERABAD College of Engineering for Women organized an online presentation event – "Deployment of Latest Technologies in Solving the Problems" under IIC BVRITH with the objective of creating awareness among the students to know – how well one can adopt technology in addressing the problems and coming up with a solution on 23rd May 2020

Industrial Visits

➢ Faculty – Mr. Priyakanth, Ms. Madhavi and Mr N M Sai Krishna went to ALEAP along with the students involved in developing projects under ATL and IoT to have preliminary discussion with Ms. Rama Devi Madam, ALEAP on 12th March 2020

Students Achievements

Internships/Mentorships

➢ Three students from ECE are selected for Amazon Campus Mentorship Series (ACMS) commenced from 27th Feb 2020 at Amazon Development Centre India pvt. Ltd, Gachibowli.

➢ Qualcomm Session commenced for selected students of III B.Tech EEE, ECE, CSE and IT commenced from Feb 2020. Almost 70 students from III B.Tech of EEE, ECE, CSE and IT are part of it

➢ Flipkart Mentorship Program was launched on 25th Jan 2020. 10 students from ECE were selected

Students Participation in Events

➢ One team of II ECE students participated in Xcel@thon – 24 Hrs hackathon organized by JNTUH on 14th & 15th Feb 2020. Mr. Siva Sankar Varma is the Mentor.

➢ Students of II ECE took part in 2nd International conference on war and Waste management at Begumpet held from 17th to 19th Feb 2020 organized by Water and Waste Management organization and students of II ECE took part in BioASIA 2020 to demonstrate their product i-Nethra

➢ Ms.C.Jahnavi Sai Sirisha, Ms.M.Sarica, Ms.N.Sai Chandana and Ms.M.Sai Preethi of III ECE as a team has participated in "Precision Health Challenge" organized by GE Healthcare in GE Health Care office, Bangalore during 27th to 28th Jan 2020 and achieved the "Best Idea" for their project "Anegoo" with a cash prize of ₹ 25000/-

➢ Ms. P.Sahithi, Ms.P.G.Vineetha of III ECE and Ms.I.Anulekha Devi, Ms.B.Susmitha Sri of II ECE as a team has participated in "Venable – A National level 36Hrs Hackathon organized by BVRIT HYDERABAD College of Engineering for Women as a part of JHUB Hackathon league 2020 during 24th to 25th Jan 2020 and achieved II Prize for their project "Artificial Scribe".

➢ Ms.T.Prathibha, Ms.K.Namratha and Ms.U.Anitha Jyothi of II ECE as a team has participated in Two Day National Level Hackathon-Jalathon-2020 during 8th to 9th Jan 2020 organized by CMR Engineering College as a part of JHUB Hackathon league 2020 and achieved the "Best Idea" award for their project "Sewage Water Purification".

➢ A total of 5 students as a team from II ECE have participated in 36Hr State Level Hackathon on Artificial Intelligence for Agriculture during 3rd to 4th Jan 2020 organized by MLR Institute of Technology as a part of JHUB Hackathon league 2020.

➢ A total of 4 students as a team from II ECE have participated in Hyderabad City Police Hackathon during 18th to 19th Jan 2020 organized by Hyderabad City Police in association with WE HUB.

2016 -20 Batch Placement Details		
S.No	Company Name	Number of students placed
1	Accenture	41
2	Accenture-Fullstack	3
3	American Express	1
4	Capgemini	47
5	Capgemini Differential	4
6	DXC Technology	1
7	IBM	6
8	Infytq-SES	1
9	Infosys	1
10	newdesic	1
11	NTT Data	2
12	Quest Global	4
13	Prokarma Softech	1
14	Renault Nissan	2
15	TCS-Differential	2
16	TCS-Ninja	32
17	M & M	1
18	Urjanet	1
19	Wipro	8

RESULT ANALYSIS

Due to COVID-19 Pandemic, 2019-20, II Sem exams are not conducted

NEWS LETTER

Department of Electronics and Communications

Editors

**Mr. R. Priyakanth- Assoc. Prof.-ECE.
Mr. N M Sai Krishna- Asst. Prof.-ECE.
Ms. A. Charishma -Student-ECE.
Ms. V V S Pranathi – Student ECE**

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