NEWS LETTER

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Department of Electronics and Communication Engineering

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

| REPORT | JULY-2022 |

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, Signal Processing, 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. 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 reaccredited in 2022 for three more years college was accredited by NAAC with 'A' grade, ranked 201-250 in NIRF-2021 and Band Promising in ARIIA 2021

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.

College Achievements

1. BVRITH ranked AAAA in INDIA's BEST Engineering Colleges by Careers 360
2. BVRITH ranked 129 in India Today Rankings

College Events

1. Organized the 4th International Conference in the campus – 7th Series of International Conference on Information System Design and Intelligent Applications on 25th and 26th Feb 2022

2. BVRIT HYDERABAD College of Engineering for Women received award from Mathworks for successfully meeting the standards and integrating MATLAB and SIMULINK product family into curriculum and student projects. Departments of EEE and ECE are also provided with certificate of recognition

3. BVRITH College has been selected under Unnath Bharath Abhiyan (UBA).

4. Signed MoU with NIT Warangal on 14th March 2022

5. MSME Ideation Hackathon was conducted on 7th April 2022

6. Session on Universal Human Values by Prof Pradeep Kumar Ramancharla, IIIT Hyderabad was conducted on 25th June 2022 for faculty members

Faculty Achievements

1. Mr. N M Sai Krishna, Assistant Professor is selected as Evaluator for evaluating ideas submitted to SIH Jr.

2. Dr. V Hindumathi was invited as a subject expert to deliver a talk on " Digital Signal Processing" to HITAM college on 30 th June.

Events conducted

1. Department of ECE Conducted a Guest Lecture on VLSI: Opportunities and Challenges for II & III ECE students on 23rd April. Resource Person: Dr A G Krishna Kanth, Director of Analog and Mixed Signal R & D, AMS OSRAM, adjunct faculty, IIT Hyd.

2. Qualcomm Mentorship Program was conducted for IV B. Tech selected students during May-June 2022

3. Mr N M Sai Krishna and Mr R Priyakanth along with 5 students visited OC Mines and UG Mines, Singareni Collieries, Kothagudam from 27th to 29th June as a part of project development SURAKSHA– for the Safety of coal mining workers

4. Two Faculty members Mr R Priyakanth and Mr N M Sai Krishna and Four Students Ms. A. Chitra Bhanu, Ms. C. Srinika, Ms Y. Grahya and Ms Nidhi Venugopal Nair attend IITM-Research Spark program on 16th and 17th June 2022 at IIT Chennai.

5. Guest Lecture on Introduction to Communications for III B.Tech by Mr. Sudhir, Qualcomm on 4th June 2022

6. Guest Lecture on NAVIC- An Indian Navigation System by Er. Nuli Namassivaya, Associate Professor, MVSR on 8th June 2022

7. Department of ECE conducted Two Day Workshop on "Internet of Things (IoT)" for II B.Tech students on 29th & 30th June 2022 in association with VERTULONIX

Students Achievements

1. Ms. Vaishnavi Balamuri of IV ECE selected in Amazon with 44 LPA. Ms. P Indu Shivani of ECE got placed in Microsoft with 44.5 Lakh and also in Amazon with 44 LPA

2. Ms. Kareke Buvika, Ms.Nidhi Venugopal Nair, Ms. Kondoju Swathi, Ms.Thota Monisha of III ECE presented their idea "Infant Cry Detector" under the mentorship Program in Assistive Technology Summit 2.0 organized by Telangana State Innovation Cell and stood in 1st Position with 2 Lakh cash Prize under the mentorship of Mr N M Sai Krishna and Mr R Priykanth.

3. 6 students of III ECE are selected for Internship at IIT Hyderabad1 Student of III ECE selected for Internship at IIIT Hyderabad

4. Ms. M. Sravani (19WH1A0407) of III ECE was selected from JNTU Hyderabad for participation in Table Tennis team event at MET University, Tamil Nādu from 6th to 9th January 2022.

5. III ECE students Ms. Bhargavi Reddy and Ms. Niharika got second prize for their paper Management of Traffic Congestion in Fuel Station in SPOORTHI 2022 organized by JNTU Hyderabad on 12th April.

6. II ECE B students Ms. Blessy & Ms. Sahitya presented a poster in SPOORTHI organized by JNTU Hyderabad and won First Prize on 13th April

7. Ms. Y. Grahya, Ms. B. Pravalli, Ms. D. Vignya, Ms. K. Deepika, Ms. D. Adithi, Ms Y. Bhavana of III ECE were selected for Pre-Incubation Programme (PIP) of Atal Incubation Center, ALEAP WEHub and as a part of the product development "Suraksha", they have visited the Singareni Collieries Company Ltd, Singareni Bhavan, Red Hills, Khairatabad on 31st May 2022

8. Ms. K. Kaumudi, Ms. Keerthana, Ms. Yasaswini Ms. K. Venkata Lakshmi of II ECE participated in 36hr National Hackathon at JNTUH University College of Engineering, Jagtial at Vaagdevi College of Engineering, Warangal Held on 1st and 2nd July 2022. Project name: The Saviour and grabbed 3rd Prize.

9. Three Students from ECE selected for Internship at Synopsis with a stipend of 40K

Kammari Sritulasi
19WH1A0488

Racharla Akshitha
19WH1A0404

Mathukumalli Shravani
19WH1A0407

RESULT ANALYSIS

(A.Y 2021-22)

75.57% - IV-I **(2018-22)**
86.36% - III-I **(2019-23)**
71.37% - II-I **(2020-24)**

Year Wise Toppers

IV Year –I Sem (2018-22)

	Roll. No	Name	CGPA	Position
Section A				
1	18WH1A0460	Kasa Tejashwini	8.24	1
2	18WH1A0434	Navya Reddymalla	8.19	2
3	18WH1A0416	Gogisetti Divya	8.00	3
4	18WH1A0419	Chinthamaneni Sowmya	8.00	3
Section B				
1	18WH1A0461	M Jhahnavi	8.52	1
2	18WH1A0464	Kodidela Madhumitha	8.24	2
3	18WH1A0487	Devireddy Varshitha Reddy	8.24	2
4	18WH1A0467	K Lakshmiprasuna	8.19	3
5	18WH1A0485	Imadabathuni Tanmayee	8.19	3

III Year –I Sem (2019-23)

S.No	Roll. No	Name	CGPA	Position
Section A				
1	19WH1A0424	Gottimukkul A Gayathri	8.00	1
2	19WH1A0404	Racharla Akshitha	7.86	2
3	19WH1A0416	Vignya Reddy Dabbeta	7.73	3
4	19WH1A0459	Chintapalli Raja Rajeswari	7.73	3
Section B				
1	19WH1A0488	K Sritulasi	8.23	1
2	19WH1A04B4	Sri Kakarlapudi Pranathi	7.91	2
3	19WH1A04A3	Pujari Harika	7.86	3

II Year –I Sem (2020-24)

S.No	Roll. No	Name	CGPA	Position
Section A				
1	20WH1A0401	Devalapalli Kavya Sri	8.29	1
2	20WH1A0440	Chimata Abitha	8.00	2
3	21WH5A0403	Neelam Rajeswari	7.81	3
Section B				
1	20WH1A0470	Ponugoti Sai Priya	9.00	1
2	20WH1A0461	Kankuri Varshitha	8.95	2
3	20WH5A0409	Chilakamarti Sai Geethika	8.90	3