



REPORT

JULY-2023

**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 15<sup>th</sup> 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-2022 and band 151-300 by NIRF in the Innovation Category for 2023

### 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. BVRIT HYDERABAD College of Engineering for Women received the certificate of recognition for establishing the Global Education Cell at BVRITH in association with GECF at Sultan-Ul-Uloom Education Society, Banjara Hills on 28th January 2023.
2. BVRIT HYDERABAD is ranked 73<sup>rd</sup> by Dataquest among Top T-Schools in India 2023
3. BVRIT HYDERABAD College of Engineering for Women ranked AAAA in Career 360 on 28<sup>th</sup> April 2023.
4. BVRIT HYDERABAD has received MG (Morris Garages) ZS EV from MG Motor India Pvt. Ltd. as a part of a collaboration with MG in May 2023.
5. BVRIT HYDERABAD was conferred Autonomous Status by UGC for a period of 10 years on 31<sup>st</sup> May 2023. Success Meet was conducted on 5<sup>th</sup> June 2023.
6. BVRIT HYDERABAD positioned in the band 151-300 by NIRF in the Innovation Category for 2023.
7. First Student – Faculty Start-Up – INVIU Systems was inaugurated and incubated in the campus on 5<sup>th</sup> June 2023.
8. BVRIT HYDERABAD College of Engineering for Women received the Green Institution Award in Nizampet Division on 16<sup>th</sup> June 2023
9. BVRIT HYDERABAD Ranked 165 in Week Hansa Survey Best Colleges of India 2023
10. BVRIT HYDERABAD Ranked 132 in India Today College Rankings 2023

## College Events

1. Inaugurated Vishnu School of Music on 1<sup>st</sup> Feb 2023



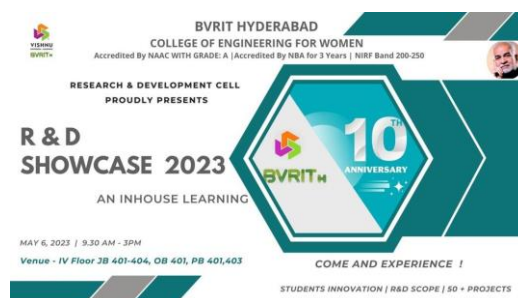
2. Signed MoU with British council (Entrepreneur of CSC – e-Governance services India Limited on 31<sup>st</sup> Jan 2023



3. 9<sup>th</sup> series of National Level Students Tech Fest – Medhanvesh was conducted on 24<sup>th</sup> & 25<sup>th</sup> Feb 2023



4. Signed MoU with Q-Max Systems Pvt. Ltd, Chennai on 3<sup>rd</sup> April 2023
5. R& D Showcase was conducted on 6<sup>th</sup> May 2023. Nearly 60 Projects were demonstrated from all the departments



6. Organized a seminar for III B. Tech students on “Awareness of Cyber Security Professional as per the Industry Standards” by Mr. Rajat Biswas, Mr. Manish Singh, Inflow Technologies, Bangalore on 08<sup>th</sup> June 2023



7. Session on “Innovation & Entrepreneurship Ecosystem by Dr M K Kaushik, Vishva TBI Bhimavaram was conducted on 28<sup>th</sup> June 2023 for I B.Tech



8. Conducted a rally in lieu of World Environment Day on 5<sup>th</sup> June 2023 along with Nizampet Municipality.



### *Faculty Achievements*

1. Dr J Naga Vishnu Vardhan was invited as a speaker to deliver lecture on “Advances in Signal Processing” in IEEE SPS Seasonal School – Recent Advances in Signal Processing and Coding Techniques using Simulation studies on 23<sup>rd</sup> Jan 2023 organized by Matrusri Engineering College.
2. Mr. T Sai Kumar delivered a talk on - A Joy of Volunteering for IEEE Student members and Benefits of it at NMREC IEEE Student Branch on 4<sup>th</sup> Feb.
3. Mr. T Sai Kumar delivered a talk on “IoT in Education sector and its Impact” at VIT AP as part of 1 week workshop on “Industrial approach to IoT and its research challenges” on 11<sup>th</sup> Feb. (Online)
4. Mr. T Sai Kumar is invited as Guest of Honour for Technical Fest – WARTech at PACE Institute of Technology & Sciences, Ongole on 11<sup>th</sup> Feb.
5. Dr J Naga Vishnu Vardhan, Professor ECE and Professor Incharge Academics delivered a talk on “Need of Innovation in Present Generation” for IETE Hyderabad Chapter on 16<sup>th</sup> April 2023 (online)

- 6 Faculty members Ms Praveena, Mr Priyakanth, Mr N M Sai Krishna, Ms. Sahithi, received Excellent awards in VEDIC conclave held on 24<sup>th</sup> & 25<sup>th</sup> April 2023

- 7 Dr J Naga Vishnu Vardhan, Professor, ECE delivered a Guest Lecture on IIC – Innovation Startup prototype, a road map for beginner” on 15<sup>th</sup> June 2023 at Matrusri Engineering College, Hyderabad.

### *Events conducted*

1. Session by Qualcomm Team was conducted on 29<sup>th</sup> April 2023 for III ECE Students. Mr Sudhir and Ms. Kruthi Ayyappa delivered a session along with 4 more colleagues from Qualcomm



2. Conducted an event Technology Readiness towards Innovation by Dr Vamsi Krishna on 2<sup>nd</sup> May 2023



## Students Achievements

- 3 Teams from BVRIT HYDERABAD took part in IITM PALS – Lab to Market Conclave on 18<sup>th</sup> Feb 2023. 2 from ECE
  - Detection of abnormal Gait
  - Volume detector for visually challenged

- Ms. Nehasri (21WH5A6602), Ms. Harshini (20WH1A04B1) and Ms. Srikala (20WH1A0496) secured 2<sup>nd</sup> Prize in Project Expo MEISTER at CMR.

- Ms. Vijitha ( ECE ) team won 3rd prize at Gitam in IOT hackathon for their project titled “ Smart Street lights”.

- Ms. Snigdha Sunkara (20WH1A0427) and Ms. Dedeepya (20WH1A0436) of III ECE have won 3rd prize in Business Plan Competition 2023 held at BVRIT NARSAPUR with a cash prize of ₹2000 for their Business Idea " Eco Fillers"

- IV ECE Students N. Harika, K Buvika and M Yamini won second prize in R&D showcase conducted by BVRIT HYDERABAD on 6th May for the title Design of IoT based Action Arena Robot

- J.Hemasree (20WH1A0405), Sehaba Banu Shaik (20WH1A0437) have won First Prize in E-Hunt, a national level pitching competition as a part of Ecficio 5.0 at VNR VJIET on 28th April 2023.



## RESULT ANALYSIS

(A.Y 2022-23)

**74.06% - IV-I (2019-23)**

**85.91% - III-I (2020-24)**

**70.71% - II-I (2021-25)**

### Year Wise Toppers

#### IV Year –I Sem (2019-23)

	Roll. No	Name	CGPA	Position
<b>Section A</b>				
1	19WH1A0419	K.Lakshmi Deepika	8.29	1
2	19WH1A0424	G.Gayathri	8.24	2
3	19WH1A0404	R.Akshitha	8.19	3
<b>Section B</b>				
1	19WH1A0470	K.Akanksha	8.76	1
2	19WH1A04A0	K.Swathi	8.10	2
3	19WH1A04A2	E.Ameya	8.10	2
4	19WH1A0497	K,Buvika	8.05	3
5	19WH1A04B4	S. Pranathi	8.05	3
6	19WH1A04B9	Ch. Sai Sri Ramethi	8.05	3

#### III Year –I Sem (2020-24)

S.No	Roll. No	Name	CGPA	Position
<b>Section A</b>				
1	20WH1A0441	M.Devi Suma Sri	7.95	1
2	20WH1A0437	Sehaba Banu Shaik	7.91	2
3	20WH1A0401	D.Kavya Sri	7.91	2
4	20WH1A0444	G. Preethika	7.82	3
<b>Section B</b>				
1	20WH1A0461	K.Varshitha	8.05	1
2	20WH1A0474	B.Sneha	8.05	1
3	21WH5A0409	Ch. Sai Geethika	7.86	2
4	20WH1A0483	Y.Vijitha	7.75	3

#### II Year –I Sem (2021-25)

S.No	Roll. No	Name	CGPA	Position
<b>Section A</b>				
1	21WH1A0425	S. Pradeepthi	8.00	1
2	21WH1A0401	M. Jagruthi	7.95	2
3	21WH1A0461	E. Amulya	7.90	3
<b>Section B</b>				
1	21WH1A0481	K. Rishitha	8.43	1
2	22WH5A0408	S. Anmisha Nethra	8.29	2
3	22WH5A0410	P.Swetha	8.29	2
4	21WH1A04C5	G. Vennela	8.14	3

## NEWS LETTER

Department of Electronics  
and Communications

### *Editors*

Mr. R. Priyakanth- Assoc. Prof.-ECE.  
Mr. N M Sai Krishna - Asst. Prof.-  
ECE.

Ms. J.Hemasree -Student-ECE.  
Ms. Sehaba Banu Shaik – Student  
ECE  
Ms.M. Jagruthi – Student ECE

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