



REPORT

JULY -2021

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 college was accredited by NAAC with 'A' grade, ranked 199 in NIRF-2020 and Band –B in ARIIA 2020

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

Mr. R. Priyakanth, Ms. Radha Abburi and Ms. M. Praveena received Best Paper Award in Eighth International Conference on Transformations in Engineering Education (ICTIEE-2021) on 10th January 2021 organized by Indo Universal Collaboration for Engineering Education (IUCEE) Foundation for their paper entitled “Design and Impact of Interactive Video Content for the Improvement of Student Engagement and Learning”.

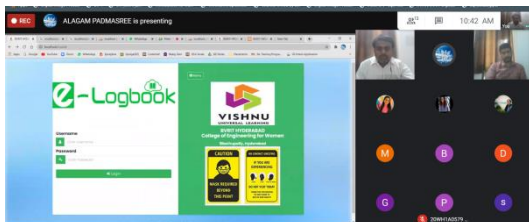
Mr V Santosh Kumar, Assoc. Prof, ECE awarded Ph.D from NIT Warangal. Thesis tilted: Investigation on Neural Activity Source Identification and Connectivity of EEG data using Particle Filter.

Mr. R. Priyakanth acted as a Resource person and delivered session on “Laplace Transforms and MATLAB” for JNTUH - UGC sponsored Two week refresher course on Systems and Signal Processing on 6th March 2021.

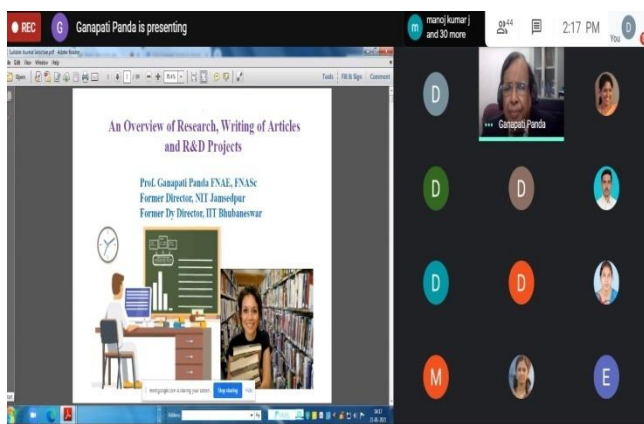
Dr. J. Naga Vishnu Vardhan acted as a Resource person and delivered session on “Multirate and Multistage Signal Processing” for JNTUH -UGC sponsored Two week refresher course on Systems and Signal Processing on 12th March 2021.

Events conducted

Medhanvesh – 2021 – National Level Students Tech Fest was held on 29th & 30th of January 2021



Two day faculty development program on how to write a good research article and proposal on 21st and 22nd January 2021. Resource Person: Dr. Ganapathy Pande

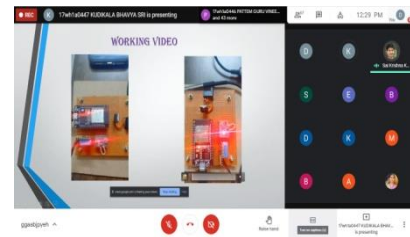


Organized Three day workshop on “AI on Edge Computing” from 8th to 10th March for faculty by GRIET IoT Team under CSR.

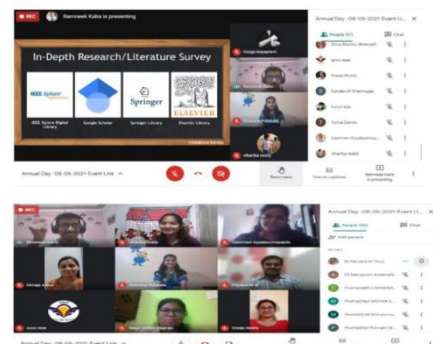
Faculty Coordinator: Dr. J Naga Vishnu Vardhan



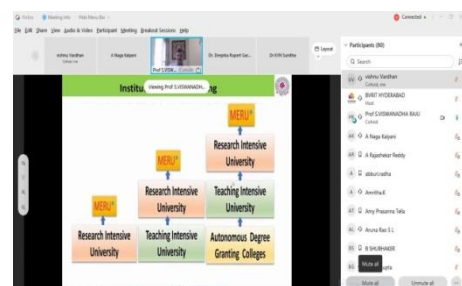
Prototype Competition was conducted on 28th & 29th May 2021 by Dept. of ECE on 28th & 29th May 2021



On the occasion of IEEE Annual Day, Dr. M. Parvathi, Professor, ECE and IEEE faculty coordinator organized two events namely – Motivation session by Ramneek Karla, Software Engineer from Wipro on Idea to Prototype: A Research pathway for Students on 8th May 2021 and Paper Presentations on 9th May 2021



Session on Implications of NEP-2020 for Engineering Education in India by Dr S Viswanadha Raju, Professor, CSE and Vice-Principal, JNTUCEJ, Jagtial was conducted on 28th May 2021



Students Achievements

Students Participation in Events

1. Sri Varsha Meghana and Ch. Jahnvi of III ECE were awarded the title of "The DevC Blogger" of the year award for the content contributions to the community from Facebook Developer Circles, Hyderabad.



2. Out of 127 teams finalized at the country level under National Innovation Challenge – 2020, Two Teams from ECE were qualified for next stage of financial assessment by Ministry of Education Innovation Cell.

Selected ideas are:

i) Anegoo

ii) Fluido Capteur

SN	IC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
28	IC201811154	57520	SIB INSTITUTE OF TECHNOLOGY	Dr. LAKSHMI.C	clakshmi@sibt.edu.in	A Sustainable Approach for Producing Bio-fuel Utilizing Withered Flower Waste
29	IC201912415	52074	Bharati Vidyapeeths College of Engineering, Lavale	Shubham Baliram Songire	shubhamsongire@gmail.com	3D Cloth Analysis
30	IC201912619	54117	Jaywant Shikshan Prsarsik Mandals Rajarshi Shaiba College of Engineering Sr.No.80-2, Pune Mumbai Byga	Akshay Suresh Mhaske	akshaymhaske8446@gmail.com	ELDERLY CARE SYSTEM [SMART STICK SARTH]
31	IC201811304	51258	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY	R.Ranjith	ranjithramesh67@gmail.com	V2 BUDDY THE NURSING ROBOT
32	IC201810583	56411	DR. D. Y. PATIL INSTITUTE OF TECHNOLOGY.	Shreyas Shivajirao Thombare	thombares2017@gmail.com	PSV A NOVEL MULTIPURPOSE AUTOMATION SYSTEM*
33	IC201912495	46401	BVRIT Hyderabad	Sarica. M	17wh1a0422@bvrithyderabad.edu.in	Anegoo
34	IC201810200	56374	MS Ramaiah University of Applied Sciences	KAREN DSOUZA	karendsouza49@gmail.com	MEDIPORT
35	IC201912495	46400	BVRIT Hyderabad	M.K.Lakshmi Prasanna	18wh1a0467@bvrithyderabad.edu.in	Fluido Capteur
36	IC201810043	65320	Dr. MGR Educational and Research Institute	R LOGESWARAN	rlogesh72@gmail.com	THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE BATTERIES
37	IC201810043	55269	Dr. MGR Educational and Research Institute	S SABARISWARAN	ssabariswaran0@gmail.com	Ergonomic wheelchair for geriatric care
38	MITQ0Mw==	662974	JALPAIGURI GOVERNMENT ENGINEERING COLLEGE	Gurtej Singh Rehal	gurtejrehal@gmail.com	FALCON AI - We make it Crawl
39	IC201811717	70379	DR. VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY	Atharva Barve	atharvabarve24@gmail.com	The Third Eye
40	IC201912724	48903	VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES- TECHNICAL CAMPUS	Rameet Singh Sachar	rameet092@gmail.com	Alzheimer Band
41	IC201912408	49654	Meghnad Saha Institute of Technology 142	Ankita Paul	majumdararjit15@gmail.com	SNH Robot

3. Team of II ECE Ms. K Akanksha and P. Sangeetha stood in TOP 5 Winners in JHUB Innovation Challenge 2021 for the Project Smart Shoe.



Winners of JHUB Innovation Challenge 2021
TOP 5 TEAMS

Sl. No.	Name of the Idea	Name of the Team Lead	College Name
1	Surface Disinfection System	Myson Sunny	Geethanjali College of Engineering and Technology
2	SOLAR CONTROLLED INTEGRATED PEST MANAGEMENT SYSTEM	Ch.Divya Sri	Priyadarshini institute of science and technology for women
3	QUALITY MONITORING OF MID DAY MEAL	B V LAKSHMI	Malla Reddy Engineering College For Women
4	Safety SHOE	Akanksha Kacham	BVRIT HYDERABAD College of Engineering for Women
5	Vaari -Solution to save water	G tharuni	steeemidhi institute of science and technology

4. Ms. Sravya Godavarthi, Ms. Ruchitha Devi, Ms. Harshitha of III ECE A Secured first place in the competition Smart phone Short Film Contest conducted by Talking Films Online.

5. Team of ECE students Srijana Datla, Harika Sadineni, G.Divya, Chakka Jahnvi, Bindu Harshitha, V.V.S Vignatha, Lakshmi Haritha, Nikitha Attoti, Sparsha Abinethri won special mention innovation idea in ECHO 2021 organized by WWF India from Oct 2020 to June 2021: Project Name: Bio-Plastics and Face Sheets



RESULT ANALYSIS

(A.Y 2020-21)

74.28%- IV-I (2017-21)

73.28%- III-I (2018-22)

54.8%- II-I (2019-23)

Year Wise Toppers

IV Year –I Sem (2017-21)

S.No	Roll. No	Name	CGPA	Position
Section A				
1	18WH5A0412	Y Theertha Sree	9.17	1
2	17WH1A0441	Yarlagadda Vineesha	8.54	2
3	17WH1A0437	M Satya Sai Harshitha	8.50	3
Section B				
1	17WH1A0491	Pinnaka Megha Sai Sree	8.54	1
2	17WH1A0486	Gottimukkala Laxmi Jaya Sree	8.42	2
3	17WH1A0473	Pola Sahithi	8.33	3
4	17WH1A04A9	Gakkula lakshmi priya	8.33	3

III Year –I Sem (2018-22)

S.No	Roll. No	Name	CGPA	Position
Section A				
1	18WH1A0419	Chinthamaneni Sowmya	8.05	1
2	18WH1A0446	Palagiri Indhu Shivani	7.95	2
3	18WH1A0437	Rangiseti Sushma	7.68	3
Section B				
1	18WH1A0461	M Jhahnavi	7.95	1
2	18WH1A0479	Roshini Talluru	7.86	2
3	18WH1A0464	Kodidela Madhumitha	7.64	3

II Year –I Sem (2019-23)

S.No	Roll. No	Name	CGPA	Position
Section A				
1	19WH1A0419	Karlapudi Lakshmi Deepika	8.52	1
2	19WH1A0404	Racharla Akshitha	8.48	2
3	19WH1A0425	Ramesh Bhavika	8.14	3
Section B				
1	19WH1A0488	K Sri Tulasi	8.62	1
2	19WH1A0476	B Sai Deepthi	8.43	2
3	19WH1A0497	Kareke Buvika	8.29	3

NEWS LETTER

Department of Electronics
and Communications

Editors

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

Ms. Prathibha Reddy -Student-ECE.
Ms. Sri Varsha Meghana – Student
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