



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY
An Autonomous Institute,
Pragathi Nagar, Nizampet (SO), Hyderabad - 500 090

Department of Electronics and Communication Engineering

CONSOLIDATED GUEST LECTURES

<i>S. No</i>	<i>Years</i>	<i>No. of Guest Lectures organized</i>
1.	2017-18	15
2.	2018-19	9
3.	2019-20	14
4.	2019-20	14
5.	2020-21	14
6.	2021-22	11
7.	2022-23	15

AY 2017-18

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	DR.D Sita Rama Raju	Scientist (Retd.) ADA	Teja's Indian fighter aircraft-Flight control and Avionics	Dr.A.P.J. Abdul kalam Auditorium	8 th August 2017	65	Flight control and Avionics.
2	G.Muralidhar	ITS Principal Advisor (TRAI),	Telecommunication trends in ICT and 5G and Regulatory framework in India	C-213	23 th Sept 2017	45	Cellular communication and its quality measures
3	Pankaj S. Dhakate	Head of Signalling and Train controlling, L&T metro Hyd.	Communication on based Train Control for Hyd Metro Rail	Dr.A.P.J. Abdul kalam Auditorium	29 th Dec 2017	30	Signal controlling of Trains for Hyd metro train system

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4	Dr.L.Anjaneyulu	Professor ECE NIT Warangal	Mobile architecture Beyond 3G	B-Block seminar hall	29th Dec 2017	60	1G to 5G Cellular System and its architectures
5	Dr.Thummalamala Ram Mohan Lal	Professor IIT Hyd	Interactive session	B-Block seminar hall	9th Jan 2018	65	Motivation On Robotics and communication
6	Dr.P.Srihari	Professor VNR VJIET	Analog Communications and its importance	B-block Seminar hall	19th February 2018	60	Imp of Analog communications
7	G.Nagaraju	Assistant Professor VNR VJIET	Perceptron	C-208	22nd February 2018	63	Machine learning in Data analytics
8	Dr.Nishanth Dongari	Professor UT Hyderabad	How to Write good Research Proposals	B-block Seminar Hall	23rd February 2018	65	Workshop On Research
9	Dr. Bharat Kumar. Mun	Professor USA	Study of Sudden	P-103	31th March 2018	20	Mental Issues

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			Unexpected Death in Epilepsy using Machine Learning and Association Measures				
10	Mr. M. Vijay Kumar	CEO I-WIN IP Services Pvt. Ltd	The Importance of Intellectual Property Rights(IPR) in Business	B-block Seminar hall	31th March 2018	65	Intellectual Property Rights in business
11	Mahesh U patel	Joint Director CDAE	ARM architecture and its applications	B-Block seminar hall	16 th august 2018	55	ARM processors and real time applications

2018-19

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1.	Dr. Sudharshan Nelatury	Professor, Dept. of Electrical Engineering. Penn state University ERIE campus	Antenna and Radiation Theory	C-307	09-07-2018 to 10-07-2018	100	Focused on basic definitions of Antenna, propagation of waves and different parameters of Antenna
2.	Mr.A.Sai Kumar, Mr.Arjun Varma & Mr.E.Shashikant	Alumni Students	Importance of studies	B-213	21-07-2018	120	Importance of studies and credentials in B.Tech
3.	Ms.K.Swetha	Software Engineer TCS, Hyderabad	Data Analytics & Career Opportunities	B-Block Seminar Hall , Seminar I- II	03-08-2018	50	basics and need of machine learning and artificial intelligence,

4.	Mr.Mahesh Gummaraju	Head-Campus Learning Solutions, UTL Technologies Ltd, Bangalore	Embedded Systems	C-307	09-08- 2018	65	Embedded Technology, current mega trends
5.	Mr.Ravi Shankar, Ms.Mrudhika & Mrs.Sravanthi	Research Associates IIIT ,Hyderabad	Virtual labs training program	C-208	21-08- 2018	190	discussed about Virtual labs & how students can use virtual labs
6.	Ms.Loren Shrue	MatLab developer, MatLab	Deep Learning	B-Block Seminar Hall , Seminar I- II	25-09- 2018	70(facult y) 40(PG studnets)	Demystifying deep learning
7.	Mr.Vijaya Kumar Bhashamalla	Sr.Engineer BOSCH, Delhi Gurgaon	Need for self-learning	B-213	18-01- 2019 to 19-01- 2019	200	Need for self- learning, hard work, taking up jobs in core area

8.	Mr.Francis David	Associate Operations, Luvieen Alva,	CEO on "Mentor Mind"	B-Block Seminar Hall, Seminar I- II	21-01-2019	200	Mentor Mind, Mentorships
9.	Sri.Mahesh.U Patil	Joint Director, CDAC, Hyderabad	Overview of Microprocessors	B-Block Seminar Hall	21-09-2019	200	Valuable information on Overview of Microprocessors

AY 2019-20

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1.	K.Rama Krishna Reddy	Advanced Micro Devices(AMD)Ltd, Hyderabad	Embedded Real Time Operating Systems	B-213, VNRVJIE T	31-8-2019	30	Design concepts needed to build an embedded system using

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							RTOS, open source RTOS
2.	Dr.Vijendra Reddy	ADRIN, Hyderabad	Internet of Things	C-307, VNRVJIE T	30-9-2019	25	SDDC and architecture, Enabling technologies for the IoTs, sensor networks, RFID, M2M, mobile Internet, semantic data integration, semantic search,IPv6
3.	K.Sai Deep	TCS, Hyderabad	Machine Learning	B-213, VNRVJIE T	9-9-2019	50	Machine Learning and Expert Systems
4.	Mr.Ravi	Monitra Healthcare Pvt Ltd	Internet of Things	B Block Seminar Hall, VNRVJIE T	24-9-2019	45	Evolution of IoT, Protocols, and applications of IoT
5.	Mr.Yadagiri	Advanced Micro Devices	VLSI Design	C-307,	23-11-2019	55	process of FPGA synthesis,

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		(AMD) Ltd, Hyderabad		VNRVJIE T			Logic synthesis, behavioural synthesis, etc

AY 2020-21

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/Faculty benefited	Outcomes
1	Mr.G.Dharmendra Nayak	MMRFIC Technology Private Limited, Bangalore	Designing aspects and sensing methods, Microwave Filter Designing Fundamentals	VNRV JIET	25-07-2020	45	Major advancements in Microwave engineering
2	Ms.V. Radha	Nutrisnax Industries, Hyderabad	Designing of GNSS receivers and DSP real time projects	VNRV JIET	26-07-2020	62	Industry perspective of signal processing
3	Mr.D.Yadagiri	Advanced Micro Devices(AMD) Ltd, Hyderabad	Small signal Model and design of Analog ICs and	VNRV JIET	29-08-2020	15	Awareness toward VLSI design, and tools

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			Modelling for future developments and recent trends				
4.	Mr.C.V.Renjith	Philips Healthcare, Bangalore	Emerging Trends in Biomedical Engineering, Roles and Responsibilities of Biomedical Engineers in hospitals and career Development	C-313	03-09-2020	58	Importance of Biomedical instruments and excelling career opportunities
5.	Mr. P.V.S, Maruthi Rao	Vidcentum R & D Pvt. Ltd, Hyderabad	Digital Communication Transfer of information in digits-Dominant Technology today-Broadband,3G, DAB/DVB	A-201	15-09-2020	75	Working of digital communication devices in real time
6.	Mr. Y. Avinash	MiraFra Technologies Ltd, Bangalore	Design Architectures and Test bench	B-Block	19-09-2020	17	Different test bench architectures, ASICs, FPGA Concepts

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/Faculty benefited	Outcomes
			Architectures of ICs and VLSI Front End Languages such as Verilog HDL,HVL	Seminar hall			
7.	Mr. PVN Pavan Kumar	SAP Labs, Bangalore	Challenges and Limitations of IOT	B-Block Seminar hall	05-10-2020	17	Research directions in IOT
8.	Ms. Nita K Patel	Engineering at L3Harris Technologies	Dual-band GNSS Modules, signal processing in GNSS Receivers and Tracking algorithms in GNSS receivers	A-201	19-09-2020	56	Industry expectations in the area of Signal Processing
9.	Ms.V.Sailaja	SAP Labs	Privacy and Security aspects of Embedded DSP processors	A-201	10-10-2020	78	Real time scenario of security aspects in different industries
10.	Mr.Rathin N	IBM, Hyderabad	Top 7 JAVA Technology Trends in 2021, AI Driven Application, Database connectivity	KS Auditorium	05-10-2020	85	Different concepts of JAVA

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11.	Mr. D. Srikanth	Xilinx, Hyderabad	ASICs, FPGA and about Verilog, VHDL programming languages and career opportunities	B-Block Seminar hall	19-12-2020	15	VLSI front end languages such as Verilog HDL, HVL, Verification methodologies and scripting languages
12.	Ms. Sushmitha Ch	Synopsys, Hyderabad	CMOS Processes and node technologies, high-accuracy analog circuits and Advancements in scaling and design techniques	B-Block Seminar hall	02-06-2021	16	Importance of basic concepts in analog IC design and layout rules

AY 2021-22

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students /Faculty benefited	Outcomes
1	Mr. Madhav Negi,	Digital Innovation Manager DXC Technology ,India	Roadmap to Successful Career, Habits of Excellence & The Role of IEEE	VNRVJIET	05-06-2021	18	Habits of excellence
2	Mr.P.Satyana rayana	GATE trainer in the ACE engineering academy	Application of Operational Amplifier	VNRVJIET	22-10-2021	18	Different Applications of Operational Amplifier
3	Mr.N. Venkatesh	Senior Director. Engineering-Silicon Labs,Hyderabad	Insights into IOT	APJ Abdul kalam Auditorium	17-11-2021	18	Components of IOT
4	Mr.N. Venkatesh	Senior Director. Engineering-Silicon Labs,Hyderabad	Wireless Technologies in IOT	APJ Abdul kalam Auditorium	19-11-2021	18	Planning an IOT wireless communication
5	Arya	Manager, Deloitte	Carrier Opportunities	VNRVJIET	22-11-2021	18	Different fields that students can see their carrier

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6	Mr.N. Venkatesh	Senior Director. Engineering-Silicon Labs, Hyderabad	Edge Intelligence	APJ Abdul kalam Auditorium	30-11-2021	18	Benefits of Edge Intelligence
7	Mr.Lakshmi Narayana Kamarthi	Senior Manager, NXP Semiconductors Pvt Ltd, Bangalore	Opportunities and Challenges in VLSI Industry	Google meet	22-12-2021	18	Gap between Academia and Industry in our Country
8	Mr. Mahesh Patil	Technical Director, CDAC	ARM Cortex-M3 Programming	VNRVJIET	06-01-2022	66	ARM Cortex-M3 Processor and its Characteristics
9.	Sri. Anil Kakodkar	Chancellor, Homi Bhabha National Institute, Chairman, Rajiv Gandhi Science & Technology Commission	Higher Education and National Development	B-Block Seminar Hall	31-05-2022	18	Education Process of the country
10.	M. Dinakar	Co-Founder & Chief Solution	Embedded Systems	B-Block Seminar Hall	18-06-2022	18	History and Characteristics of Embedded Systems

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		Architect Secure Weave, Hyderabad					
11.	Mr. Sandeep Vellanki	Data Science Manager at Deloitte, Hyderabad	Introduction to Data Analytics and Business Intelligence	APJ Abdul Kalam Auditorium	25-06-2022	18	Data Analytics relevant to Business

AY 2022-23

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	Y.Ramesh Babu,	IIT Research scholar, IIT-Guwahati	Establishment of Nano center & responsibilities	A-201	25.01.2023	26	It will help students to understand about research activities carrying out in nano centre of IIT Guwahati.
	Ms.Sailaja	Motivational speaker, Akshaya Pathra	Moral values from Bhagvad geetha	KS Auditorium	29.11.2022	100	Session has brought more of a life style change which made a better version of themselves.
1.	Dr.J.Chattopadhyay,	Former outstanding Scientist & Director, DRDO, Hyderabad	Role of Sensors in internet of things (IOT)	B-Block Seminar hall	22.12.2022	100	Sensors in the Internet of Things (IoT) have a significant impact on students, enhancing their learning experiences and providing new opportunities for education and personal development
2.	Mr.Panduranga rao,	Chief Metaversa officer, Mathworks	Introduction web 3.0 technology	APJ Abdul kalam Auditorium	05.01.2023	26	For students, Web 3.0 technology holds several important implications and benefits that can significantly impact their education and overall learning experience:

3.	Ms.Prasanthi,	Technical trainer, CSE,VNRVJIE T	Overview of C- concepts	VNRVJIE	05.01.2023	80	Learning C is invaluable for students due to its fundamental role in computer science and its influence on many modern programming languages.
4.	Dr Venkata Ramana,	Technical trainer, CSE,VNRVJIE T	C training program	APJ Abdul kalam Auditorium	03.01.2023	80	By understanding C, students gain a deep insight into how computers work, which is essential for any advanced study or career in software development, systems engineering, or related fields
5.	Dr.S.Rajendra prasad	Professor,ECE, VNRVJIE	Electrical circuits	Google meet	06.01.2023	90	Learning about electrical circuits equips students with essential knowledge and skills that are foundational to many aspects of modern technology and engineering
6.	Mr. Y. Avinash,	Senior Engineering Manager, INTEL Corporation	VLSI physical design	VNRVJIE	28.01.2023	60	VLSI physical design is a vital field that offers numerous benefits to students, including a strong foundation in modern electronics, excellent career prospects, and the development of valuable technical and problem-solving skills
7.	Mr. K. Murali Mohan	Design Engineer, MOS chip Limited	Linux and Scripting Languages	B-Block Seminar Hall	7.1.2023	20	Learning Linux equips students with essential skills for managing and operating modern computing environments.

8.	Sri. Y. Shiva Prasad	Former Scientist, Vikram Sarabhai Space Center, (VSSC), Government of India, Thiruvananthapuram	Fundamentals of Orbital Mechanics	B-Block Seminar Hall	18.03. 2023	53	Understanding orbital mechanics equips students with the foundational knowledge to analyse and predict the motion of celestial bodies, essential for space exploration
9.	Dr.J.Chattopadhyay,	Former outstanding Scientist & Director, DRDO, Hyderabad	Smart Campus Hackathon	B-Block Seminar hall	29.04.2023	50	Participating in a Smart Campus Hackathon is immensely beneficial for students, providing them with real-world experience, skill enhancement.
10	Dr. V. Anil kumar,	Assoc.Prof., IIT Hyderabad	Applications & Challenges of AI in signal processing	B-Block Seminar hall	19.04.2023	20	Understanding AI in signal processing equips students to develop advanced systems for speech recognition, image analysis, and real-time data interpretation.
11	Mr.M.Suresh kumar,	L&T Technologies	“IoT Technologies and Future	A-201	29.04.2023	60	Understanding the future of IoT enables students to stay ahead of technological trends, ensuring they contribute to and thrive in an increasingly connected world

12	Dr.S.Senthil kumar,	Asst.Prof.,VNR VJiet	Modern Robotics	B-Block Seminar hall	29.04.2023	20	Learning modern robotics equips students with essential skills in automation, programming, and engineering, which are crucial for the evolving job market
13	Mr.Y.Ramesh Babu	Research Scholar, IIT Gouhati	R&D Interaction	B-Block Seminar hall	24.01.2023	20	Engaging in R&D interactions provides students with hands-on experience in cutting-edge technologies and methodologies, enhancing their practical skills and innovation capabilities