VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institute, NAAC Accredited with 'A^{++}' Grade
NBA Accredited for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech Courses
Approved by AICTE, New Delhi, Affiliated to JNTUH
Recognized as "College with Potential for Excellence" by UGC
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
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DEPT OF ECE

Consolidated Workshops

S.No.	ACADEMIC YEAR	NO. OF WORKSHOPS ORGANIZED
1.	2023-24	11
2.	2022-23	3
2.	2021-22	4
3.	2020-21	16
4.	2019-20	16
5.	2018-19	4
6.	2017-18	5
7.	2016-17	7
8.	2015-16	7
9.	2014-15	3
10.	2013-14	6
11.	2012-13	9
12.	2011-12	5

Workshops organized 2023 - 24

S. No	Title of the Workshop	Duration	Organized by
1	Hands-on Workshop on Drone Simulation and Assembling	12-15 July, 2023	Department of ECE, VNRVJIET in collaboration with Pavaman Aviation Pvt. Ltd.
2	2-Day Workshop on Technical Paper Writing using Latex	24-26 August 2023.	Department of ECE, VNRVJIET
3.	Easy and Lazy Technical Writing: How to build a Solid Logic	8th & 9th September, 2023	Department of ECE, VNRVJIET in association with IEEE SPS Chapter Hyderabad Section
4.	PCB Design, Assembly and Testing	20th to 23rd November 2023	Department of ECE, VNRVJIET
5.	Resarch Paper Drafting Workshop "Draft-a-thon"	24-25 and 28th November, 2023	Department of ECE, VNRVJIET
6.	2-Day Workshop on System Design using verilog HDL	6-7 March, 2024	Department of ECE, VNRVJIET
7.	FDP on Recent Trends and Challenges in Deep Learning for Advancing Computer Vision	26th Feb-1st March, 2024	Department of ECE, VNRVJIET in association with IEEE Signal Processing Society Student chapter of VNRVJIET
8.	FDP on "Recent Trends and Challenges in the Field of Embedded Systems" from	11th – 15th March, 2024	Department of ECE, VNRVJIET in association IEEE Sensors Council Student Chapter of VNRVJIET
9.	FDP on Emerging Trends and Challenges in Communication and Computational technologies(5G/6G)	18-23 March, 2024	Department of ECE, VNRVJIET in association with IEEE Com Soc and MTT-S Chapters of VNRVJIET
10	FDP on Exploring the Cutting-Edge Developments in VLSI Design	18-23 March, 2024	Department of ECE, VNRVJIET in association with IEEE CCAS/EDS joint Chapters
11.	2-Day Workshop on Design of RF & Microwave Circuits and applications"	3rd & 4th May 2024.	Department of ECE in Association with MTT-Society of VNRVJIET,

Workshops Organized: July, 2022 – June, 2023

S. No	Title of the Workshop	Duration	Organized by
1.	Latest Trends in Machine Learning for Signal Processing Applications	10-12 August, 2022	ECE department in association with IEEE SP Society, VNRVJIET
2.	Workshop on Signal Processing & Communication Systems with MATLAB and Simulink	31.03.2023	Department of ECE, VNR Vignana Jyothi Institute of Engineering & Technology
3.	Analog and Mixed Signal Design using Synopsys Tools	26-30 June, 2023	ECE department in association with Synopsys, VNRVJIET

Workshops organized during June 2021 - June 2022

S. No	Title of the Workshop	Duration	Organized by
1	Training program on PCB machine	19-20 July 2021.	Department of ECE, VNRVJIET
2	AICTE sponsored FDP on "Challenges in Adapting Machine Learning towards 5G/6G Communications"	9-13 August, 2021	Department of ECE & IEEE SPS Dr.Y.Chalapathi Rao- Assoc.Prof - Coordinator
3	FDP on "Deep Learning & Applications (Parallel Architectures)"	23rd August to 3rd September, 2021	E&ICT Academy, NIT Patna, MNIT Jaipur & IIITDM Jabalpur in association with Department of ECE & CSE, VNR VJIET
4	IEEE SPS Seasonal School on Recent Advances in Artificial Intelligence for Signal Processing	28-31 December, 2021	SPS IEEE Hyderabad section and WIE AG IEEE Hyderabad Section

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Workshops Organized: July, 2020 – June, 2021

S. No	Title of the Workshop	Duration	Organized by
1	Advanced Optimization Techniques and Hands-on with MATLAB/SCILAB	13th - 24th July, 2020	E&ICT Academy, NIT Patna, MNIT Jaipur, IIITDM Jabalpur and Department of ECE, VNR Vignana Jyothi Institute of Engineering & Technology
2	Embedded UVM Open Source Emulation & Functional Verification	13th - 24th July, 2020	VNRVJIET in association with E & ICT Academy, NIT Patna, MNIT Jaipur
3	PDP on "NBA in a NUTSHELL"	27th - 3st July, 2020	IEEE Student Branch & Department of ECE ,VNRVJIET
4	Wireless Communication Technologies for IoT	27th July - 7th August, 2020	VNRVJIET in association with E & ICT Academy, NIT Patna
5	ICT Tools for Teaching, Learning Process and Institutes	10th - 21st August, 2020	VNRVJIET in association with E & ICT Academy, NIT Patna
6	Demystifying 5G RF ASICs	24th August - 4th September, 2020	VNRVJIET in association with E & ICT Academy, NIT Patna
7	Python Programming	7th - 18th September, 2020	VNRVJIET in association with E & ICT Academy, NIT Patna
8	Effective Usage of ICT Tools for Teaching and Evaluation	17th -19th September, 2020	Department of ECE, VNR Vignana Jyothi Institute of Engineering & Technology
9	Digital Tools for Writing, Authoring and reviewing manuscripts	21st September - 2nd October, 2020	VNRVJIET in association with E & ICT Academy, NIT Patna
10	Cyber Security	5th - 16th October, 2020	ECE and IT departments of VNRVJIET in association with E&ICT Academy, NIT Patna
11	Basics of Python Programming	9th - 13th November, 2020	ECE department in association with IEEE SP Society

12	Virtual event "IEEE SPS Summer School on Internet of Things for Biomedical and Healthcare Applications"	28th - 31st December, 2020	VNR Vignana Jyothi Institute of Engineering and Technology in association with IEEE Signal Processing Society, IEEE Hyderabad Section, IEEE Women in Engineering Affinity Group Hyderabad Section and IEEE VNRVJIET
12	Faculty Development Programme (FDP) on "ICT Tools for Teaching, Learning Process & Institutes"	15th - 26th March, 2021	IIT Guwahati, IIT Kanpur, IIT Roorkee, MNNIT Jaipur, PDPM IITDM Jabalpur and NIT Patna and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad
14	FDP on "RISC-V V LSI Implementation Flow"	27th March - 8th April, 2021	E & ICT Academy NIT Patna, IIT Guwahati, MNIT Jaipur, PDPM IIITDM Jabalpur and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad
15	Faculty Development Program on ""Data Science for ALL"	12th - 23rd April, 2021	All the E&ICT Academies in association with ECE department VNRVJIET
16	Faculty Development Program on "System Design Methodologies for Embedded, IoT, AI, & HPC using Intel FPGA"	19th - 30th April, 2021	IIT Guwahati, MNIT Jaipur, NIT Patna and NIT Warangal in association with ECE Department, VNRVJIET

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Workshops Organized during June 2019 - June 2020

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1	FDP on Design Thinking for Engineering Education	15 - 20 Jun, 2020	CPADT, VNRVJIET
2	Professional Development Program on AI & ML for Engineering Applications	08 - 12 Jun, 2020	VNRVJIET
3	Training on Network Simulator	03 Mar, 2020	VNRVJIET in association with Tetcos ,Bangalore
4	FDP on Natural Language Processing	06 - 10 Jan, 2020	VNRVJIET in association with E & ICT ACADEMY, NIT Patna
5	Workshop on Project Based Learning with MATLAB, Simulink and Low-cost Hardware	16 - 17 Dec, 2019	VNRVJIET in collaboration with Mathworks India Private Ltd. and Capricot Technologies Pvt. Ltd.
6	FDP on 3D Printing for Industrial and Biomedical Applications	02 - 06 Dec, 2019	VNRVJIET in association with E & ICT ACADEMY, NIT Patna
7	FDP on Python Programming	02 - 06 Dec, 2019	VNRVJIET in association with E & ICT ACADEMY, NIT Patna
8	Workshop on Advance Internet of Things with Machine Learning(IoT with ML)	23 - 25 Sep, 2019	VNRVJIET in collaboration with IEEE Hyderabad Section Joint Chapter of Circuits and Systems and Electron Devices (CAS/ED) Societies
9	FDP on Sensor Networks and IoT	26 - 31 Aug, 2019	VNRVJIET in association with E & ICT ACADEMY, NIT Warangal

Workshops Organized during June 2019 - June 2020

10	Workshop on "Arduino Hands On Training session"	25th July, 2019	VNRVJIET in association with IIT, Hyderabad
11	FDP on VLSI Chip Design Hands on using open source EDA	08 - 12 July, 2019	VNRVJIET in association with E & ICT ACADEMY, NIT Patna
12	FDP on "Wireless and Mobile Communications"	01 - 06 July, 2019	VNRVJIET in association with E & ICT ACADEMY, NIT Warangal
13	FDP on Robotics & AI	24 - 28 June, 2019	VNRVJIET in association with E & ICT ACADEMY, NIT Patna
14	Workshop on Python	22nd Jun, 2019	VNRVJIET in association with IITB
15	FDP on Introduction to Programming: A Pedagogical Approach	17 - 21 Jun, 2019	VNRVJIET in association with E & ICT ACADEMY, NIT Patna
16	FDP On Embedded Systems & Interfacing- Hands-on	10 - 14 June, 2019	VNRVJIET in association with E & ICT ACADEMY, NIT Patna

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Department of Electronics and Communication Engineering

WORKSHOPS ORGANIZED

ACADEMIC YEAR	NO. OF WORKSHOPS ORGANIZED	TITLE OF WORKSHOP	DURATION
2018-2019	**04**	Fundamentals of MATLAB and its applications in Engineering	*7th to 8th June 2018*
		MATLAB workshop	*25/09/2018*
		MATLAB workshop	*29th to 31st Aug 2018*
		Workshop on IoT and Drones	*26th to 27th Jan 2018*
2017-2018	**05**	FDP on Recent trends in signal processing and its applications	*22nd June to 1st July, 2017*
		Data Analytics and IOT	*6th July, 2017*
		Workshop on Gesture Control Robot	*15th September, 2017*
		Introduction to System Design and IOT applications using Texas Instruments Platforms	*26th to 28th February, 2018*
		Instructional Design and Delivery systems	*7th March, 2018*
2016-2017	**07**	6 Day Faculty Development Program Sponsored by E & ICT Academy, NIT Warangal on "Practical RF Antenna Design ",	08th -13th July 2016
		ITRA Sponsored 4 Day National Level Workshop on "Bio-Medical Signal Processing & Its Applications"	13th-16th Dec 2016
		Two Week ISTE STTP CMOS Mixed Signal and Radio Frequency VLSI Design Workshop in Association with IIT, Kharagpur.	30th Jan to 4th Feb 2017
		Workshop on "IOT and Embedded Systems"	20th - 21st Feb2017, 22nd -25th Feb 2017
		TEQIP Sponsored 4day workshop on PCB Design & Fabrication" Organized by Department of ECE, ISTE, VSI, IETE Chapters & IIPC	24th-25th March 2017 27th -28th March 2017
		FDP Workshop on Integrated Circuit and System Design using CAD Tools	14th - 17th June 2017
		FDP workshop on Recent trends in signal Processing and its applications	22th June - 1st July 2017

		Low power Embedded Systems using ARM Cortex – M4F based MSP432	16-18 June, 2016
2015-16	07	IEEE-CIS, Chapter sponsored workshop on "Cloud Big Data Analytics with Microsoft Azure Machine Learning and Power BI Tools"	16th April, 2016
		The Internet of Things(IoT) & Its Applications	12-14 Feb, 2016
		Embedded Hardware, Operating Systems and IoT Applications	20-23 Jan,2016
		PCB Designing for Electronic Circuits	11-12 Jan, 2016
		VLSI Design flow using CAD Tools and Hardware Implementation	27-07-15 to 07-08-15
		Real Time Applications using LabVIEW	1-4 July,2015
2014-15	03	AICTE sponsored "Recent trends in Wireless Communications and Evolution of Simulation tools"	11-23 May,2015
		FrontEnd and Backend Design Flow using Synopsis Tools	26-27 Dec, 2014
		Wireless Sensor Node Design	19-20 Dec, 2014
2013-14	06	LabVIEW Design and Development	2-14 Jun,2014
		MATLAB AND SIMULINK	25-04-2014
		Concepts of Networking	11-13 Mar, 2014
		e- Cyborgs	14-15 Feb, 2014
		AICTE sponsored "Real Time Embedded System Development"	18-30 Nov, 2013
		Electronic Board Designing	19-20 July, 2013
2012-13	09	AICTE Sponsored "VLSI Design"	20-5-13 to 01-06-13
		Art of Teaching	2-4 May, 2013 & 13-15 May, 2013
		Embedded Controllers (ALS-EMB-EVAL-03 board)	8-10 Apr, 2013
		Logical and Physical design of digital circuits using HDL and Mentor Graphic Tools	1-13 Apr, 2013
		Application Development using ARM7 and ARM9(Embest teaching kit & SAM9g45 board)	22-23 Mar, 2013
		Linux Kernel Programming and Device Drivers	21-30 Mar, 2013
		MATLAB and SIMULINK	12-16 Mar, 2013
		PCB Designing for Electronic Circuits	22-23 Feb, 2013
		Analog System Design using TI ASLKv2010	14-16 Feb,2013
2011-12	05	Full Custom IC Design and FPGA Design Flow	23-25 Feb, 2012
		Spectrum Analyzer	12th Jan, 2012
		DSP Processors Architectures and Programming	19-23 Dec, 2011
		ARM Processors and PSOC	13-15 Oct, 2011
		AICTE sponsored "Real Time Signal and Image Processing"	6 – 18 Jun, 2011

HOD/ECE