

Curriculum Vitae

Year of Post-Graduation: 2016

Percentage / Grade: 84.80 %

Highest Degree: M. Tech. (Digital Communication)

Specialization: Signal Processing

Name of University / Institute: RGPV, Bhopal / KNP College of Science and Technology,
Bhopal

Personal Information:

Full Name	Address	Mobile No.	Date of Birth
Mr. Vijay Santosh Tawar	10, Kanishka Apartment, 52, Kshire Colony, Deopur, Dhule – 42002 (MH)	9960766945	30 th November 1987

Experience:

Sr.	Name of Organization	Name of Post	Department	Pay Scale	University Approval Details	Nature of Post	Duration
1	SSVPS' B. S. Deore College of Engineering, Dhule (MH.)	Assistant Professor – E&TC	E&TC Engineering	15,600 – 39,100 (AGP – 6000)	NMU/18/1101/2016 Dated 07/11/2016	Permanent	Working Till Date Since 14/07/2016 (7+ Years)
2	SSOSP College of Diploma Engineering, Nagothane (MH.)	Lecturer – E&TC	E&TC Engineering	15,600 – 39,100 (AGP – 5400)	-	Adhoc	1 June 2011 to 5 July 2016 (5+ Years)
3	Jain Irrigation Systems Ltd., Jalgaon (MH.)	Executive Engineer	R&D	-	-	Adhoc	1 July 2010 to 31 May 2011 (11 Months)

Nature of Duties:

I. University Level Duties:-

- Worked as member of various committee appointed by the Hon'ble Vice Chancellor of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad from time to time for smooth conduction of University work.
- Worked as Paper Setter Panel at UG for Basic Electronics Engineering subject.
- Worked as Internal / External examiner in University UG examination for various Subject, Project and Seminar.
- Worked as Junior Supervisor for University Examination.

- Worked as Theory Paper Examiner / Moderator for Central Assessment Program (CAP), conducted by Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.
- Actively involved in syllabus design at UG level at B.Tech. (E&TC)

II. Institute Level Duties:-

- Working as FC/SC/ARC Member for Admission Process of FE & DSE since joining to till date
- Organized National Level Technical Event “TECHNOFEST – 2k24”
- Organized National Level Technical Event “TECHNOFEST – 2k23”
- Working as Department Coordinator of BC – Cell & Equal Opportunity – Cell Committee
- Working as Department Coordinator of IIC
- Worked as Departmental Coordinator for State Level Technical event Avishkar
- Worked as Member for NAAC – CR-III

III. Department Level Duties:-

- Plan and execute student development activities.
- Guidance and counseling to students.
- Design and development of learning resources.
- Effective implementation of curriculum of the concerned course/subjects.
- Self-development through experience enrichment, professional activities and interaction with professional bodies.
- Online Marks Uploading
- Working as Departmental Basic Electronics & Communication Circuits Club Coordinator
- Working as Departmental ETESA Coordinator
- Guided UG Students for Project, Mini Project & Seminar
- Designed & developed lab manuals for Signals & Systems lab course and Digital Signal Processing lab course

Other (Extension & Outreach) Duties:-

- Organized & mentored 1 day Workshop on “PCB Designing & Practical Hands-on Small Circuit Design”
- Organized Poster Competition for Students to enhance their creativity
- Organized Cleanliness activity on the occasion of Republic Day to make students aware about importance of cleanliness
- Organized Grocery Donation for Leprosy affected people to make students aware about Social activity
- Organized Technical Quiz Competition on the occasion of Engineers Day for students
- Worked as Judge for Poster Competition under National Level event Impulse - 2k23
- Worked as Judge for District Level Technical Model Exhibition held at Government Technical School, Dhule
- Delivered Expert Lectures for HSC Science Students at Infinity Junior College, Morane, Dhule
- Worked as Counselling Faculty for Engineering Aspirants at various Science Colleges in Dhule and outside Dhule District

Research Papers Presented in Conferences -

Sr.	Name of Conferences	Title	ISSN / ISBN	Date of Conference
1	ICRAEST-2024	A Systematic approach of Feature Selection for Imbalanced Data: A Review	978-81-965128-8-0	15/03/2024
2	ICRAEST-2024	Texture Pattern separation techniques for Correlation of Hyper spectral Image Classification: A Review	978-81-965128-8-0	15/03/2024
3	ICRAEST-2023	An Implicit Multidimensional Parity based Data Coding & Decoding Algorithm with FPGA Implementation in Communication Systems	978-81-949989-3-8	29/03/2023
4	ICRAEST-2023	Multilevel thresholding in Image Segmentation using Remora Optimization Algorithm	978-81-949989-3-8	29/03/2023

Research Papers Published in Journals -

Sr.	Name of Journal	Title	ISSN	Volume / Issue	DOI	Link for Download
1	IJIES	A Systematic approach of Feature Selection for Imbalanced Data: A Review	2456-3463	Vol. – 9, Issue – 1, Apr. – 2024, PP – 84-89	https://doi.org/10.46335/IJIES.2024.9.1.15	https://www.ijies.net/finial-docs/finial-pdf/2204249115.pdf
2	IJIES	Texture Pattern separation techniques for Correlation of Hyper spectral Image Classification: A Review	2456-3463	Vol. – 9, Issue – 1, Apr. – 2024, PP – 95-99	https://doi.org/10.46335/IJIES.2024.9.1.17	https://www.ijies.net/finial-docs/finial-pdf/2204249117.pdf
3	JEITSM	Extended Golay Decoder Design And Simulation For High Speed Fpga	0258-7982	Vol. – 13, Issue – 11, Nov. – 2023, PP – 69-78	https://doi.org/10.37896/JEISM.V13.11/3349	https://drive.google.com/file/d/1RbTC4FQ-fu3AdF1AM1h2kOVkYG2THn4p/view
4	IJIES	An Implicit Multidimensional Parity based Data Coding & Decoding Algorithm with FPGA Implementation in Communication Systems	2456-3463	Vol. – 08, Issue – 03, Mar. – 2023, PP – 52-57	https://doi.org/10.46335/IJIES.2023.8.3.10	https://www.ijies.net/finial-docs/finial-pdf/1904238310.pdf
5	IJIES	Multilevel thresholding in Image Segmentation using Remora Optimization Algorithm	2456-3463	Vol. – 08, Issue – 03, Mar. – 2023, PP – 46-51	https://doi.org/10.46335/IJIES.2023.8.3.9	http://www.ijies.net/finial-docs/finial-pdf/200423839.pdf
6	IJRASET	A 4 – Dimensional Parity based data decoding scheme for EDAC in Communication System	2321-9653	Vol. – 03, Issue – IV, Apr. – 2015, PP – 183-191	-	https://www.ijraset.com/fileserve.php?FID=2016
7	IJRET	FPGA Implementation of 4D – Parity based data coding technique	2319-1163	Vol. – 04, Issue – 03, Mar. – 2015, PP – 593-598	-	https://ijret.org/volumes/2015v04/i03/IJRET20150403099.pdf

Keynote Speaker / Judge / Expert Lectures delivered:

Sr.	Keynote Speaker / Judge / Expert Lecturer	Title	Level	Venue	Duration
1	Keynote Speaker	1 Day Workshop on PCB Design and Practical Hands-on Small Circuit Design	Institute	SSVPS' B. S. Deore College of Engineering, Dhule	26/04/2024
2	Judge	Poster Competition in National Level Technical Event IMPULSE – 2k23	National	SSVPS' B. S. Deore College of Engineering, Dhule	23/11/2023
3	Expert Lecturer	Digital Integrated Circuits	Institute	Infinity Junior College, Morane, Dhule	15/11/2018
4	Expert Lecturer	Semiconductors	Institute	Infinity Junior College, Morane, Dhule	14/11/2018
5	Judge	District Level Technical Model Exhibition	District	Government Technical School, Dhule	20/12/2016

FDP / SFDP / STTP attended:

Sr.	FDP / SFDP / STTP	Title	Level	Venue	Duration	Academic Year
1	FDP	Deep Learning and Artificial Intelligence	National	Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd.	26/02/2024 to 01/03/2024	2023-24
2	STTP	5G and Beyond	National	NITTTR, Chandigarh	05/02/2024 to 09/02/2024	2023-24
3	FDP	Emerging Trends In Quantum Computing, Embedded Systems, Blockchain And Imaging	National	SSVPS' B. S. Deore College of Engineering, Dhule in Collaboration with IEEE	31/01/2024 to 05/02/2024	2023-24
4	STTP	“Neural Networks and Fuzzy Logic” (ICT-61)	National	NITTTR, Chandigarh	21/8/2023 to 01/09/2023	2023-24
5	FDP	Data Analyst	National	Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd.	19/06/2023 to 23/06/2023	2023-24
6	FDP	Blooming Research Areas Under IoT: A 360-Degree View	National	Godavari College of Engineering, Jalgaon in Collaboration with IEEE	02/05/2023 to 07/05/2023	2022-23
7	FDP	Amazon Web Services	National	Dr. D. Y. Patil IEMR, Akurdi-Pune in collaboration with Brainovision Solutions India Pvt. Ltd & AICTE	22/08/2022 to 27/08/2022	2022-23
8	FDP	Advance VLSI Design using Microwind	National	Dr. Rajendra Gode Institute of Technology & Research, Amravati, Maharashtra	22/04/2021 to 28/04/2021	2020-21

9	FDP	Food-Energy-Water Nexus: Challenges and Recent Developments	International	IIT, Bombay	07/12/2020 to 15/12/2020	2020-21
10	FDP	Biogas Plant	National	Department of Mechanical Engineering, KCES`s COEM Jalgaon	26/10/2020 to 30/10/2020	2020-21
11	FDP	Corporate Social Responsibility and Sustainability	International	Department of Commerce-MAHE Manipal, I-BAT and CCTI-DOC, Manipal	20/09/2020	2020-21
12	FDP	Train-the-Teacher Training Program (TTT)	National	e-Uttam Vidya @KBCNMU, Jalgaon	24/07/2020 to 27/07/2020	2020-21
13	FDP	Educational Video Creation (E-Content Development)	National	Rayat Shikshan Sanstha`s Rajarshi Shahu Science College, Kolhapur	22/07/2020 to 27/07/2020	2020-21
14	FDP	Sensors & Their Applications	National	Vemana Institute of Technology, Bengaluru	13/07/2020 to 17/07/2020	2020-21
15	FDP	PCB Design	National	Vidya Vikas Institute of Engineering & Technology, Mysuru	29/06/2020 to 03/07/2020	2020-21
16	SFDP	Make in India – A Journey towards Self Reliance	National	Sandip Institute of Engineering, Nashik	23/06/2020 to 28/06/2020	2020-21
17	FDP	Future Advancements & Applications of IoT	National	Sandip Institute of Engineering, Nashik	12/06/2020 to 14/06/2020	2020-21
18	FDP	Industry 4.0, Data Analytics and Disruptive Technologies	National	Sanjay Bhokare Group of Institutes, Miraj	26/05/2020 to 31/05/2020	2019-20
19	FDP	PHP and MySQL	National	Shri Ramdeo Baba College of Engineering & Management, Nagpur	26/05/2020 to 30/05/2020	2019-20
20	STTP	Renewable Energy & Utilization	National	Sandip Institute of Engineering, Nashik	26/05/2020 to 30/05/2020	2019-20
21	FDP	Opportunities and Challenges in Electronics & Allied Industries post COVID-19	National	Vivekanand Education Societies Institute of Technology, Chembur, Mumbai	25/05/2020 to 30/05/2020	2019-20
22	FDP	PERL	National	Shri Ramdeo Baba College of Engineering & Management, Nagpur	23/05/2020 to 27/05/2020	2019-20
23	FDP	Artificial Intelligence	National	Universal College of Engineering, Vasai	22/05/2020 to 26/05/2020	2019-20
24	FDP	ARDUINO	National	Shri Ramdeo Baba College of Engineering & Management, Nagpur	20/05/2020 to 24/05/2020	2019-20
25	FDP	LaTeX	National	J. D. College of Engineering & Management, Nagpur	18/05/2020 to 23/05/2020	2019-20
26	FDP	R-Programming	National	Fr. Rodrigues Institute of Technology, Vashi	18/05/2020 to 23/05/2020	2019-20

27	FDP	Tools for Online Classroom Post COVID-19	National	P. B. Siddharth College of Arts, Science and Computer Society of India, Vijaywada	18/05/2020 to 20/05/2020	2019-20
28	FDP	Learning, Pedagogy and Effective use of Case Methodology	International	ASMA Academia, Pune	17/05/2020 to 21/05/2020	2019-20
29	SFDP	Role of Engineer in Uplifting the Industry post COVID-19 Lockdown in India	National	Sandip Institute of Engineering, Nashik	11/05/2020 to 15/05/2020	2019-20
30	FDP	Moodle – Learning Management System	National	D. N. Patel College of Engineering, Shahada	09/05/2020 to 15/05/2020	2019-20
31	FDP	Industrial IoTs, Industry 4.0 and Disruptive Technologies	National	DBATU, Lonere	05/05/2020 to 10/05/2020	2019-20
32	FDP	Universal Human Values	National	Sandip Institute of Engineering, Nashik	09/12/2019 to 15/12/2019	2019-20

Seminars / Workshops attended:

Sr.	Seminars / Workshops	Title	Level	Venue	Duration	Academic Year
1	Workshop	The Art of Emerging Power of AI Tools for Tomorrow's Tech	National	Kamraj College of Engineering, Vellakulam in Collaboration with IQAC	22/03/2024	2023-24
2	Webinar	OptiSystem for Optical Communication & Amplifier Design Simulation Techniques	National	K. C. College of Engg. & Management Studies & Research, Kopri, Thane (E) in Association with IETE	23/02/2024	2023-24
3	Webinar	Hydrogen Fuel Cells for Electric Vehicle	National	Nadar Saraswathi College of Engineering & Technology, Theni, Chennai	28/04/2023	2022-23
4	Webinar	Road Safety Awareness	Institute	SSVPS' B. S. Deore College of Engineering, Dhule (Conducted by – Honda Motorcycles & Scooter India Pvt. Ltd)	29/09/2021	2021-22
5	Webinar	Nurturing Online Leaders: Problems, Challenges and Solutions	National	Liberty Solutions, Bengaluru	25/10/2020	2020-21
6	Webinar	Career Opportunities in Piping Design Engineering & Construction in Process Industry	State	SSVPS' B. S. Deore College of Engineering, Dhule	11/8/2020	2020-21
7	Webinar	Electrical Vehicle Development	State	SSVPS' B. S. Deore College of Engineering, Dhule	10/8/2020	2020-21
8	Conference	Industry 4.0: Future Perspective and Agility	International	School of Computer Science and Engineering, Sandip University, Nashik	29/06/2020 to 30/06/2020	2020-21

9	Webinar	Motivation – Its Right Inside You	National	Sandip Institute of Technology & Research Centre, Nashik	29/06/2020	2020-21
10	Webinar	Motivation – Its Right Inside You	National	Sandip Institute of Technology & Research Centre, Nashik	21/06/2020	2020-21
11	Webinar	Yoga Session	National	Sardar Patel Educational Campus, Anand, Gujrat	21/06/2020	2020-21
12	Webinar	Online Teaching Learning and Online Accreditation	National	K. K. Wagh Arts, Commerce, Science & Computer Science College, Nashik	4/6/2020	2020-21
13	Workshop	Stress Management	International	SSVPS B. S. Deore College of Engineering, Dhule	29/05/2020	2019-20
14	Workshop	Image Classification using MATLAB	National	School of Computer Science and Engineering, Jain University, Bangalore	24/05/2020	2019-20
15	Webinar	Amazing Animations in PowerPoint	National	Knowledge Publication and Chetmoons YouTube Channel	24/05/2020	2019-20
16	Webinar	Entrepreneurship – Dream to Reality – The Journey and Case Studies	National	Sandip Institute of Engineering, Nashik	19/05/2020	2019-20
17	Webinar	How to create Educational Videos	National	Knowledge Publication and Chetmoons YouTube Channel	10/5/2020	2019-20
18	Workshop	Digital Evaluation System (DES)	State	Godavari College of Engineering, Jalgaon	26/10/2017	2017-18
19	Workshop	Confidence Building, Positive Attitude, Time & Stress Management	Institute	SSVPS B. S. Deore College of Engineering, Dhule	02/02/2017 to 03/02/2017	2016-17