## **CURRICULUM VITAE**

Dr.V.S.D.Rekha,
Asst.Prof,
Dept of ECE,
PVP Siddhartha
Institute of Technology,
Vijayawada-520007,
Andhra Pradesh.
Cell No: 9440118675

Email: <u>vsdrekha@gmail.com</u> vsdrekha@pvpsiddhartha.ac.in <u>jsdrekha@gmail.com</u>



# **CAREER OBJECTIVE**

To work with an organization in the most challenging environment to contribute my best efforts for the achievement of organizational goals

# **EDUCATIONAL PROFILE**

Course	Institution	Board / University	Year of Completion	Aggreg ate (%)	
PhD (E.C.E)	Koneru Lakshmaiah Educational Foundation, Vijayawada.	Koneru Lakshmaiah Educational Foundation (Deemed to be University)	2022		
M. Tech (E.C.E)	VR Siddhartha college of Acharya Nagarjuna Engineering, Vijayawada. University		2009	81.0	
M.Sc (Electronics)	P.B.Siddhartha College Of Arts&Science, Vijayawada.	Acharya Nagarjuna University	2001	70.1	
B.Sc (Electronics)	Kavitha Memorial Degree College, Khammam.	Kakatiya University	1999	72.1	
Intermediate (M.P.C) Vivekananda Junior college, Khammam.		Board of Intermediate Education, AP.	1996	72.0	

SSC	Tiny Tots High School, Khammam.	Board of Secondary Education, AP.	1994	67.0	
-----	------------------------------------	--------------------------------------	------	------	--

## PROFESSIONAL BODY MEMBERSHIPS

Life member, ISTE--LM102526 Life Member ---IAENG---194783 Member, AMIETE---SG230360 Life Member, ISSE—LM03778

### **WORK EXPERIENCE**

S. NO	Position	Institute	Period	Experience
1	Assistant Professor, E.C.E	PVP Siddhartha Institute of Technology, Vijayawada.	07-10-2009 onwards	Till date

#### SHORT TERM COURSES/WORKSHOPS/CONFERENCES ATTENDED/ORGANIZED

## Workshops/Seminars/Webinars:

- A one day workshop on "Research Methodologies in Engineering" held on 23<sup>rd</sup> oct,2010 conducted by dept of I.T, at PVPSIT.
- A 2 day workshop on "Lab View software" organized by ECE dept in association with M/S Cranes software International Ltd, Bangalore during 27<sup>th</sup> and 28<sup>th</sup> Oct, 2010.
- A 2 day workshop on "VLSI Deign" organized by ECE dept, VRSEC during 9<sup>th</sup> & 10<sup>th</sup> may2011
- A 2 day workshop on "Embedded design using Xilinx FPGA's" organized by TIFAC-CORE in telematics and ECE dept, VRSEC during 8<sup>th</sup> & 9<sup>th</sup> July 2011.
- A Two day workshop on "Lab view and its engineering applications" during 14th & 15th Sept. 2012 at PVPSIT.
- A 4 day workshop on "Research Methodology" from 7<sup>th</sup> to 10<sup>th</sup> February, 2014 conducted by KLUniversity, Guntur.
- A webinar on "Sensor Measurement Fundamentals" webcasted by National Instruments, India from 28th January, 2014 to 31st January, 2014.
- A seminar on "Intellectual Properties awareness & its current scenario" at KLUniversity on 8th march, 2014.
- Attended a guest lecture on "Managing Bharat to make Prosperous, Powerful, Intellectual and Ethical Resource Person" organized by Dept. of MBA, PVPSIT on 13th July, 2015.

- Attended a Guest lecture on "Outcome Based Education" at PVPSIT on 28th, September, 2015.
- Attended "A mind Training Programme" organized by International Youth Fellowship of South Coreans at PVPSIT, on 18th December, 2015.
- Attended a seminar on "Use of Bloom's Taxonomy in Teaching, Learning & Assessment" on 6th August, 2016 in R & D Center., Dept. of ECE, PVPSIT. Resource Person: Dr. K. Ramanjaneyulu, Professor
- Attended a five day workshop on "IOT Applications" conducted by department IT PVSIT in association with NIT Warangal.
- Attended a One week on-line workshop on "ISTE STTP CMOS mixed signal and Radio Frequency" from 30th January, 2017 to 4th February, 2017 organised by IIT, Kharagpur at PVPSIT.
- Attended Three day workshop on "Scientific Engineering Educational Practices" at VRSEC, IQAC from 27th January, 2017 to 29th January, 2017.
- Attended seminar on IPR7 Patents on 29th September, 2018 conducted by ISTE faculty chapter in association with IQAC. Resource Person: Mr. K. Ravindra Nath, Manager, SUTech Patent art services Pvt. Ltd., Hyderabad
- Attended one day workshop on Digital Health Interventions organized by Dept. of Medical education at Dr. Pinnamaneni Siddhartha Medical Science and Research Foundation, Chinautupally on 22nd December, 2018.
- Attended a one day workshop on Basic Life Support organized by Anasthesia Dept. of Dr. P.S.I.M.S. Chinautupally on 27th February, 2019.
- Attended a one day workshop on Moodle enabled Blended Teaching, Learning and Assessment on 17th August, 2019.
- Aattended a Two-day National Seminar on Space Technologies and Applications organized by ECE, CSE & IT departments of VRSEC, Vijayawada on 6th& 7th November, 2019.
- Attended a Two day workshop on "Antenna Design using HFSS" on 16th and 17th March, 2020.
- participated in online webinar on How to Unleash Your Research Potential organized by Dept. of Computer Science Engineering, VR Siddhartha Engineering College on 02nd May, 2020.
- participated in online webinar on Computational Electromagnetics' Introduction & Challenges organized by Nanda College of Technology, Erode, Tamilnadu on 26th May, 2020.
- r participated in online webinar on ANSYS for high frequency Electro Magnetics and 5G Technology conducted by IIIT, Bagalpur on 27th May, 2020.
- participated in online webinar on 5G Technology and its Applications, organized by Sri Vasavi Institute of Engineering and Technology, Nandamuru, Krishna(Dt) on 28th May, 2020.
- participated in online webinar on Strategies for effective communication organized by Chalapathi Institute of Engineering and Technology on 29th May,2020.
- participated in online webinar on Research Measurements and Parameters for faculty publications organized by Dept. of ECE, NRI Institute of Technology, Agiripalli on 30th May, 2020.

- participated in online webinar on CMOS integrated full duplex radios organized by Narayana Engineering College, Gudur on 10th June, 2020.
- participated in online webinar on Role of Drones & Extended reality in Industry 4.0 organized by Dept. of ECE, Loyola Institute of Technology, Chennai on 11th June, 2020.
- participated in online webinar on Potential Challenges and Opportunities Involved with 5G Network organized by Dept of E.C.E, Vaageswari College of Engineering, Karimnagar, Telangana on 15.06.2020
- participated in online webinar on Intellectual Property Rights and Patents organized by Department of Electronics and Communication Engineering, Vaageswari College of Engineering, Karimnagar, Telangana on 16.06.2020.
- participated in online webinar on Art of Teaching organized by ISTE Staff chapter of K.Ramakrishna College of Technology on 16th June 2020.
- participated in online webinar Research Issues in Bio-fabrication Systems organized by IEEE-Student Branch (STB10084) of K.Ramakrishnan College of Technology, Samayapuram, Trichy on 17.06.2020.
- participated in webinar titled Trends using Internet of Things (IoT) organized by Dept. of ECE, Mount Zion College of Engineering and Technology, Pudukkottai on 10th July, 2020.
- participated in webinar titled Embedded System and IoT organized under Citronics club organized by Dept. of ECE, City Engineering College on 13th July, 2020.
- participated in webinar titled Advanced Antenna Design for Emerging Wireless Technologies organized by Dept. of ECE, Vidya Jyothi Institute of Technology, Hyderabad in collaboration with ISTE Student Chapter on 1st August, 2020.
- participated in one-day National level webinar titled Bio Inspired Machines and Product Innovations: What can an ECE Professional Learn to emulate from Nature organized by Dept. of ECE, Madanepalle Institute of Science & Technology, A.P. on 3rd August, 2020.
- in one-day National webinar titled Security and Privacy Concerns in Online Teaching -Learning organized by Internal Quality Assurance Cell, College of Education, Barshi on 5th August, 2020.
- participated in webinar titled Applications of Image Processing in Emerging Field with Hands on Tutorial organized by Dept. of ECE, Malla Reddy Institute of Technology and Science, Telangana on 14th August, 2020.
- participated in webinar titled LabVIEW for Artificial Intelligence organized by Dept of ECE, P V P Siddhartha institute of Technology on 2nd September, 2020.
- participated in webinar titled Writing a Research Paper with ease organized by Prasad V Potluri Siddhartha Institute of Technology on 29th September, 2020.
- participated in webinar titled Learn how AI has created new opportunity organized by Pearson India 10th October, 2020
- participated in one day online webinar on New National Education Policy 2020 organized by P V. P Siddhartha Institute of Technology & P. B. Siddhartha College of Arts & Science, Vijayawada on 13th October, 2020.
- participated in webinar titled System Engineering Aspects of Artificial Intelligence in Robotics organized by ISRO Bangalore on 14th October, 2020.

- participated in webinar titled Framing COs and their mapping with POs organized by Dept.of ECE, PVPSIT on 11th December, 2020.
- Participated in webinar titled Legal Awareness with Special Reference to Digital Etiquette organized by Women's cell of PVPSIT and P.B.Siddhartha college of Arts & Science on 16 th December, 2020.
- participated in the AICTE sponsored STTP Phase-II on "Effective Engineering Teaching Practices" Organized By PVPSIT jointly with NITTTR, Chandigarh from 18<sup>th</sup> January to 23<sup>rd</sup> January 2021.
- Participated in the AICTE sponsored STTP Phase-III on "AI-MIMO MILLIMETER (mm) WAVE AND MASSIVE MIMO APPLICATIONS FOR 5G WIRELESS NETWORKS USING AI (Sub theme: Applications of AI for 5G and Beyond)" Organized By GRIET" from 25<sup>th</sup> January to 1<sup>st</sup> February 2021.
- Participated in webinar conducted on the eve of International Women's day on the topic "Empowering Women Through Entrepreneurship" Organized By Women's Cell, PVPSIT on 10<sup>th</sup> March 2021.
- Participated in a webinar on Advancements in EV technology and Path Forward conducted by Hindustan Institute of Technology and Science (deemed to be University) on 13<sup>th</sup> July'2021.
- Participated in a webinar on Protecting Innovation through Intellectual Property Rights with focus on Copyright, Patent and Trademark conducted by Satyabhama Institute of Science and Technology (deemed to be University) on 4<sup>th</sup> September'2021.
- participated in a workshop on Insights of Research in Image and Video Processing organized by Pimpri Chinchwad College of Engineering, Pune and SIG Coordination Team during 20<sup>th</sup> 24<sup>th</sup> July' 2021.
- Attended online seminar on "Guidelines for Quality Publication of Project Works" organized by Organized By Department of CSE, VRSEC in association with IQAC, under AICTE MARGADARSHAN on 4<sup>th</sup> Feb, 2022.

#### **1WEEK FDP:**

- A one week course work on "Lab View software" organized by TIFAC-CORE in telematics and ECE dept, VRSEC during 6<sup>th</sup> to 11<sup>th</sup> June 2011.
- A one week training programme on "Instructional Design and Delivery systems" conducted by NITTTR, Chennai at PVPSIT, from 8<sup>th</sup> to 12<sup>th</sup> July 2013.
- A one week FDP on "Advanced Digital Signal Processing & Applications (ADSP-A)"at VRSEC from 7<sup>th</sup> to 13<sup>th</sup> September 2015.
- A one week FDP on "Industrial Automation" under the National Mission on Educational Through ICT from 5th to 9th October 2015 organized by NITTTR, Chandigarh at PVPSIT conducted by Mechanical Department.
- Attended "Art of Living" an Awareness Program conducted on 4th August, 2017 and Training Session was conducted from 18th August, 2017 to 20th August, 2017.
- Attended a Three day training program was conducted on NI My DAQ during 16th 18th July, 2018
- Attended FDP on Machine Learning for Language, Vision and Control at NIT Warangal (Tadepalligudem) during 25th 30th March, 2019.
- Attended one week ICT based Faculty Development Program on Management issues of laboratory and workshop class organized by NITTTR, Kolkata at PVPSIT during 4th 8th November, 2019.
- attended one-day Faculty Development Program on Quality Assurance in Education through the Quality Circles organized by IQAC, PVPSIT on 2nd November, 2019.
- participated in online FDP on Open Source Online Tools and Software for Online Teaching organized by Sri Vasavi Engineering College during 18th 19th May, 2020.
- participated in 5 days online FDP on Recent Communication Tools And Its Application Organized by Department of ECE, St. Martin's Engineering College, Secunderabad during 19th 23rd May, 2020.
- participated in online FDP on Computer And Communication Networks organized by Sri Sairam Institute of Technology, West Tambaram, Chennai during 21st 27th May, 2020.
- participated in online FDP on Recent Trendy Antenna Design and Analysis using EM Solver organized by The Institution of Engineers (India), Tirunelveli Local Centre, Tirunelveli & Wilma Communications during 26th 30th May, 2020.
- participated in online FDP on Research Trends in Signal Processing, Antenna, VLSI & IoT organized by Sri Vasavi Engineering College, Tadepalligudem during 28th 30th May, 2020.
- participated in a three day online FDP on Understanding Signal Processing as it is organized by RISE Krishna Sai Prakasam Group of Institute, ongole in association with ISTE Chapter during 12th 14th June 2020
- participated in online FDP Antenna Applications and Microwave Design organized by Sai Ram Institute of Technology, Chennai during 15th 20th June, 2020.
- participated in one week National online FDP on 3D EM Simulation using CST studio organized by Dept. of ECE, KLEF Vaddeswaram in association with Jyothi Electronics, Hyderabad & Computer Society of India (CSI) during 22nd 26th June 2020.

- a three day online FDP on Innovation Opportunities in Emerging Electronics and Communication Technology 2020 organized by the department of E.C.E ,DVR &Dr.HS MIC College of Technology, Krishna Dist. A.P during 19th 21st June.
- participated in a one week online lecture series on Recent Trends on RF &its Applications organized by IEEE Antenna & Propagation Society Chapter (APS)-Jaipur and IEEE Rajastan sub section in Association with 17 Malaviya National Institute of Technology, Jaipur &Govt. Womens Engineering College, Ajmer during 26th 30th June, 2020.
- participated in online FDP on Technologies with Social Relevance organized by GMR Institute of Technology, Rajam, Andhra Pradesh during 27th July -1 st August, 2020.
- participated in a five day online FDP on Value Addition on Emerging Information Technologies conducted by the Faculty of Computer Applications, Dr. M.G.R. Educational and Research Institute, Chennai during 10th 14th August 2020.
- participated in two-day international FDP on High Impact Teaching Skills and Mind Mapping for Better Teaching organized by the Department of Commerce, Manipal Academy of Higher Education, Manipal during 19th 20th August, 2020.
- participated in FDP on Recent Trends in Antennas organized by IEEE Antennas & Propagation society Madras Section in association with Sathyabama Institute of Science and Technology Chennai during 7th September 12th September, 2020.
- participated in FDP on Challenges and Opportunities of Energy and Sensor Applications organized by JNTUACEA under TEQIP-III during 23rd 26th September, 2020.
- Participated in AICTE sponsored FDP on AI MIMO Millimeter (Mm) Wave And Massive MIMO Applications for 5G Wireless Networks Using AI organized by GRIET during 16th 21st November, 2020.
- participated in AICTE Faculty Development Programme on Inculcating Universal Human Values in Technical Education organized by AICTE, NEW Delhi during 5<sup>th</sup> 9<sup>th</sup> July' 2021.
- participated in Faculty Development Programme on Insights of Research in Image and Video Processing organized by Pimpri Chinchwad College of Engineering, Pune during 20<sup>th</sup> 24<sup>th</sup> July' 2021.
- Participated in 1week Faculty Development Programme on "Advancements on Antenna Technologies for Future Applications" organized by ECE department, VRSEC DURING 14-19<sup>TH</sup> FEB 2022.
- Participated in 1week Faculty Development Programme on "Advanced Communication Systems" Conducted by NITTTR, Chennai, from 28.02.2022 to 04.03.2022 (One Week)

#### 2 WEEKS FDP:

- A two week ISTE workshop on "Solar photovoltaics" conducted by IIT Bombay at PVPSIT, from 12<sup>th</sup> to 22<sup>n</sup> December2011.
- A two week ISTE workshop on "SIGNALS & SYSTEMS" from 2 nd January, 2014 to 12th January, 2014, conducted by National Mission on Education through ITC (NMEICT) through synchronous and Asynchronous Instruction.

- Attended a one week FDP on "CMOS Integrated Circuits for Instrumentation and IOT Applications" conducted by VRSEC in association with NIT Warangal from 22nd to 28th January, 2018.
- Attended a one week ICT based Faculty Development Program on VLSI Design conducted by NITTTR Chandigarh, organized by dept. of ECE during 24th 28th September, 2018 at PVPSIT knowledge Centre.
- participated in two weeks National Level Online STTP on Fundamentals of Radar Signal Processing-1 organized by Dept. of ECE, RISE Krishna Sai Prakasam Group of Institute, Ongole in association with IETE Chapter during 27th June -11th August, 2020. Resource Person: Dr. P. Srihari, Asst. Professor, NITK, Surathkal.
- participated in Short Term Training Programme through ICT Mode on Outcome Based Curriculum Design and Implementation organized by National Institute of Technical Teachers Training and Research (NITTTR)-Kolkata during 2<sup>nd</sup> 13<sup>th</sup> August' 2021.

## **NPTEL/Coursera Online Courses:**

- 1. Successfully completed "Microprocessors and Microcontrollers" NPTEL online certification course with a score 48% conducted by IIT, Kanpur from January April 2018.
- 2. Successfully completed "Fiber optics" with a score 49% under NPTEL online course conducted by IIT Guwahati from January-April 2019.
- 3. Received Elite certificate under NPTEL online certification course was conducted by IIT from June-November 2019 for the subject "Digital Image Processing" with a score 67 %
- 4. Successfully completed "Introduction to Electronics" Coursera Online Course on 18.06.2020 offered by Georgia Institute of Technology.
- 5. Successfully completed "Introduction to the Internet of Things and Embedded Systems" Coursera Online Course on 17.06.2020 offered by University of California, Irvine.
- 6. Successfully completed "Introduction to Programming with MATLAB" Coursera Online Course offered by Vanderbilt University on 03.08.2020
- 7. Successfully completed "Wireless Communications for Everybody" Coursera Online Course offered by Yonsei University on 21.08.2021
- 8. Successfully completed "Internet of Things 101" on Infosys Spring board on 25.01.2022

### PAPERS PUBLISHED

- 1. published a paper "Induction motor condition monitoring and controlling based on IOT", International journal of Electronics, Electrical and Computational System (IJEECS), Vol 6,Issue 9, January 2019, ISSN 2348-117X.
- 2. Published a paper "Heart-Rate Monitoring System Using Node MCU" Journal of Emerging Technologies and Innovative Research, Vol 6,Issue 4, April 2019.ISSN 2349-5162
- 3. Published a paper "Arduino Based Smart Indoor Ambience Monitoring And Control System", International Journal Of Engineering Research And Application (IJERA), Vol 9, issue4 (series –IV), April 2019, PP 29-32, ISSN 2248-9622.

- 4. Published a paper "Smart Indoor Ambiance Monitoring and Controlling System Using IOT", International Journal of Advance Research Trends in Engineering and Technology (IJARTET), Vol 6, Issue1, January 2019, ISSN 2394-3787.
- 5. published a paper "Home Automation Based on IOT using Google Assistant", International Journal Of Advanced Research Trends In Engineering And Technology (IJARTET), Vol 6,Issue1, January 2019, ISSN 2394-3785.
- 6. Published a paper "Dual Band Notched CPW Fed Printed Monopole Antenna for UWB Applications", International Journal of Intelligent Engineering and Systems(IJIES), ISSN:2229-5518, Vol13, Issue3, page no:26, Jan-2020(Scopus).
- 7. published a paper entitled Dual Band Notched Orthogonal 4-Element MIMO Antenna with Isolation for UWB Applications IEEE Access ISSN: 2169-3536, Vol:8, Issue:3, Page No: 145871-145880, DOI: 10.1109/ ACCESS. 2020. 3015020, Aug-2020. [WOS(Sci/Scopus)]
- 8. published a paper "A Compact Dual Notch Frequency Reconfigurable Antenna For Wimax, Dsrc, Radar And Ku Band Communication Applications" Turkish Journal of Physiotherapy and Rehabilitation, ISSN: 2651-4451, Vol:32, Issue:2,Page nos: 746-753, Mar-2021,[WOS(Sci/Scopus)]

#### **CONFERENCES**

- 1. Induction Motor Condition Monitoring And Controlling Based on IOT, 4<sup>TH</sup> International Conference on New Frontiers of Engineering, Science, Management and Humanities (ICNFESMH-2017) at The Institution of Electronics and Telecommunication Engineering, Osmania University Campus, Hyderabad, INDIA on 3<sup>rd</sup> September 2017.
- 2. presented a paper entitled "Design of ultra wideband Antenna for Bluetooth and Wi-Fi Applications" in 5th International 31 conference on Inventive Computation Technologies(ICICT2020) organized by RVS Technical, Coimbatore, India on 26th February 2020, (IEEE).
- 3. Presented a paper entitled "A Compact Flower Shape Antenna for multi band operation in C,X Ku Band" in 2nd International conference on Data Engineering and Applications (IDEA2k20) organized by Rajiv Gandhi Proud yogi Vishva vidhyalaya, Bhopal, India on 28th February 2020 (IEEE).
- 4. participated and presented a paper titled "Analysis of MRI and CT Medical Image Fusion Using Synchronized Anisotropic Diffusion Model" AICTE sponsored national E-Conference on Technology for Impactful and Sustainable Development of the Society, TISDS-2020, organized by department of ECE, G.Pullaiah College of Engineering and Technology, Kurnool, Andhra Pradesh on 16th December, 2020.
- 5. Participated and presented a paper titled "Morse code Decoder using MSP430 Lunch box", Yogananda International Conference on Contemporary Issues in Social Sciences-2021, organised by Shoolini University, Sloan, Himachal Pradesh, during 20<sup>th</sup> &21<sup>st</sup> feb, 2021.

- 6. participated and presented a paper titled "Dual Strip Flag Micro strip Patch Antenna for Millimetre Wave Applications" 8th International conference on Microelectronics, Circuits&Systems during 8yh &9<sup>th</sup> May 2021organised by online conference Applied Computer Technology Kolkata, West Bengal, India.
- 7. participated and presented a paper titled Design and Development of Ultra-Wide Band Antenna with Tri Band Notch, International Conference on Smart Systems and Inventive Technology(ICSSIT2022), organized by Francis Xavier Engineering College, Tuticorin, Tirunelveli, India held on 20-22 January 2022(IEEE)...
- 8. participated and presented a paper titled "Condition Monitoring And Detection Of Hazardous Gas Leakage Using Smart Device", International Conference on Electronica and Renewable Systems (ICEARS 2022), organized by St. Mother Theresa Engineering College, Tuticorin, Tamil Nadu,India held on 16-18 March 2022(IEEE).

#### **PATENTS:**

- published patent on 27.09.2019, Journal number 39/2019, Title of the invention A Novel Dual band Antenna for wireless body Area Network. Application number: 201911037562A
- 2. published patent on 22-01-2021 titled "A Wireless Automation System for Monitoring and managing the Power Consumption by Embedded RFID and IoT". Application number: 202141001660A.
- **3.** published a patent titled **Isotropic Antenna Based on Ai & Ml Interface Having Multifunctional Guide-wire Assemblies** with the application number: 202141036940 A, dated: 20.08.2021, Granting Organization: Indian Patent Office.

## **Book Chapters:**

**1.** Published a book "Morse code Decoder using MSP430 Lunch box" in Contemporary Issues in Social Sciences, Vol:0,Issue:01,2021, ISBN: 978-81-951936-3-9.

#### **SUBJECTS HANDELED**

- 1) Electronic Devices And Circuits
- 2) Pulse & Digital Circuits
- 3) Electronic Circuit Analysis
- 4) Microprocessors & Micro controllers
- 5) Tele Communications switching systems
- 6) Satellite Communications
- 7) Basic Electronics Engineering
- 8) Fiber Optic Communications and Networks
- 9) Wireless Communication Networks

- 10) Digital Image Processing
- 11) Basic Electrical and Electronic Circuits
- 12) Microprocessors and Interfacing
- 13) Analog Electronic Circuits
- 14) Antenna and Wave Propagation
- 15) Analog Circuits
- 16) Internet of Things

### LABS HANDLED

- 1) Electronic Devices And Circuits
- 2) Electronic Circuit & Pulse & Digital Circuits
- 3) Micro processors & Micro controllers
- 4) Basic Electronics Engineering
- 5) Microprocessors & Interfacing
- 6) Analog Communications
- 7) Pulse and Digital Circuits.
- 8) Analog Electronic Circuits
- 9) Fiber Optic Communications and Networks
- 10) Internet of Things

## **ADDITIONAL DUTIES**

- 1) Class Counsellor (2009 to till date)
- 2) Feedback Committee Member(2009-2011)
- 3) Result Analysis Member (2009-2011)
- 4) Department Exam cell Member (2009-2013)
- 5) Internal/External lab exams Time table In charge (I&II Year, 2009 to till date)
- 6) Anti Ragging Committee Member (since 2009)
- 7) Disciplinary/Grievance Redressal Committee Member(2013 to till date)
- 8) L&C Coordinator (2014 to 2016 for III B.Tech)
- 9) Class 1<sup>st</sup> or 2<sup>nd</sup> or 3<sup>rd</sup> In charge
- 10) IQAC Member (2013 to till date)
- 11) PVP Knowledge Centre Co-Ordinator (2015 to till date)
- 12) Department Diary Maintenance (from 2014 to till date)
- 13) Suggestion box In charge (from 2014 to till date)

- 14) R10 Readmitted Batch in charge (A.Y 2015-16)
- 15) NPTEL Department coordinator (since 2016)
- 16) E-News letter Department Editorial Board member (since 2019)
- 17) Hobby electronics department coordinator from 2019

## **Extra-Curricular Activities:**

- 1. Techno fest Organizing Committee Member (IQAC 2015)
- 2. Discipline committee member (Annual day )
- 3. Judge in singing competition (Annual day,Independenceday2014)
- 4. Judge in Essay writing competition district level under JNTUK(during Godavari pushkaram)
- 5. Participated in singing, Ad-Zap, General quiz
- 6. Member, Technical Quiz, Engineers day on September 15<sup>th</sup> 2016.
- 7. Member, A one day training program was conducted on "Electronic Test and Measurement Equipment" for Technicians of different Engineering colleges of Krishna and Guntur districts on 11th November, 2016 under IQAC.
- 8. Techwizard 2K17 was organized: under IETE student forum on 6th January, 2017 at intra departmental level. Faculty Members for the event "Let me Know".
- 9. Acted as a Judge for College Annual Day competitions held in FED Dept. for I year students.
- 10. Member ,Tech talk, Tech wizard -2k17 conducted on Engineers Day on 13th September, 2017 for II & III B.Tech. students by IETE Student Forum.
- 11. TECHWIZARD-2018 was conducted on 31st July, 2018 under IETE Students' Forum, Member, Hunky Brains
- 12. A State level Technical event Electrobitz was organized on 5th January, 2019 under ISF in association with Institution Innovation Council of PVPSIT & IETE Vijayawada Local Centre. Member in events organized: 1. Ideathon 2. Fundabytes 3. Cryptoknights 4. Adoptrix.
- 13. TECHWIZARD-2019 was conducted on 30th November, 2019 under IETE Students' Forum. Faculty Members for the event "Skill Fluenza"
- 14. Department faculty coordinator for Techno Fest SITAR 2K22 conducted during 25<sup>th</sup> and 26<sup>th</sup> March 2022.

## **PERSONAL PROFILE**

Name : V.S.D.REKHA
 Date of Birth : 10-05-1980

• Father's name : V. Vara Prasada Rao

• Languages Known : Telugu, Hindi & English

• Address : Dr.V.S.D.Rekha,

Asst.Prof, Dept of ECE, PVP Siddhartha

Institute of Technology, Vijayawada-520007,

Andhra Pradesh.

• Contact No : +91-9440118675

• E-mail : vsdrekha@gmail.com

# **DECLERATION**

I hereby declare that the information furnished above is true to the best of my knowledge.

V.S.D.Rekha