

## PARIMAL TIWARI

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### OBJECTIVE

Aspiring to achieve a good position in a reputed organization, which encourages learning, creativity that provides exposure to new ideas and that stimulates personal and professional growth.

### SCHOLASTIC RECORDS

- Pursuing Ph. D. Program in Deptt. Of Physics & Electronics in Dr. R. M. L. Avadh University, Faizabad.
- QUALIFIED GATE-2011 WITH GATE SCORE OF 433 (94 PERCENTILE).**

Course	Discipline	School / College	Board / University	Year of Passing	%
M.Tech.	Electronics & Communication Engineering	JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY	JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY	2011-2013	68%
B.Tech	Electronics & Communication Engineering	FACULTY OF SCIENCE AND TECHNOLOGY	THE ICFAI UNIVERSITY, DEHRADUN	2006-2010	69%
XII	Physics, Chemistry, Maths, English, Computer Sci.	ST. JOHN'S SCHOOL, JAUNPUR, UP	ISC	2006	80.0%
X	Science, Math, Computer Sci., English, Hindi, S. St.	J. B. ACADEMY, FAIZABAD, UP	CBSE	2004	82.33%

## PROFESSIONAL SKILLS

Language Known: C, C++, HTML

Operating Systems: Microsoft Windows (All Versions), Linux

Software Packages: HFSS, IE3D, MATLAB, LABVIEW, P-SPICE, XILINX, AUTOCAD.

## INTERNSHIP PROGRAM

### Internship Program-I:

**Organization:** IFFCO, Phulpur, Allahabad (UP).

Duration : 55 days.

**Project : DISTRIBUTED CONTROL SYSTEM**

### OBJECTIVE

Learned about the basics of Distributed Control System, different types of Control Systems like Pneumatic, Field & Distributed. Learned about differences between both, advantages of Distributed one over Pneumatic, architecture of control system, etc.

### Internship Program- II:

**Organization :** Videocon Industries Limited.

Duration : 6 months

**Project: AN OVERVIEW ON AIR CONDITIONER & WASHING MACHINE**

Summary :

1. Introduced to the working of Air conditioner and washing machine.
2. Got an exposure to various elements of Consumer Durables and Home Appliances in the company.
3. Learned management and technical skills.

Objective : Gained technical knowledge about the subject and learned the Working process of these Consumer Durables.

## WORK EXPERIENCE

1. **JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT**
  - Duration: **JULY, 2011 TO MAY, 2013**
  - Description:
    - i) Worked as **Teaching Assistant** in Department of ECE at JUIT, Wagnaghat.
    - ii) Was allotted teaching load of 8Hrs/week which includes conducting of B.Tech and M.Tech. (First year) laboratories (Analog & Digital Electronics, Electronics Instruments Lab, Control System, Analog Communication).
2. **INSTITUTE OF ENGINEERING & TECHNOLOGY, DR. R M L AVADH UNIVERSITY, FAIZABAD**
  - Duration: **19<sup>th</sup> NOVEMBER, 2014 TO 14<sup>th</sup> JUNE, 2018.**
  - **WORKED AS A GUEST LECTURER IN DEPTT. OF ECE.**
3. **INSTITUTE OF ENGINEERING & TECHNOLOGY, DR. R M L AVADH UNIVERSITY, FAIZABAD**
  - **DURATION: 15<sup>TH</sup> JUNE, 2018 TO PRESENT.**
  - **WORKING AS AN ASSISTANT PROFESSOR IN THE DEPTT. OF ECE.**

## Dissertation

- **M. Tech. Project:**

“SIDE-LOBES SUPPRESSION IN OFDM BASED COGNITIVE RADIO”.

  - Study of different existing techniques to reduce the side lobes of OFDM signal.
  - Introduction of combinational technique to reduce the side lobes rectifying the problem of interference.

## OTHER ACADEMIC INVOLVEMENTS

- Have been life member of The Indian Science Congress Association, Kolkata.
- Have been Life Member of IAPS, Allahabad.
- Associate Member of IETE, New Delhi.
- Have been the convener of “Smart India Hackathon SIH-2020” organized by MHRD Innovation Cell and Hosted by Nodal Center Institute of Engineering & Technology, Dr Rammanohar Lohia Avadh University, Ayodhya during 01-04 August, 2020.
- Had been the observer in the B. Ed. 2020.
- Has been assigned the duty of TEQIP Dy. Coordinator in TEQIP-III Project.
- Have been the Organizing Secretary, Convener, Coordinator, etc of the programs conducted, hosted, organized during the Pandemic COVID-19.

- Have guided M. Tech Project Thesis as Supervisor and Co- Supervisor.
- Have been the member of Departmental BoS Committee.
- Have been the Superintendent of Saryu Hostel in Dr Rammanohar Lohia Avadh University, Ayodhya.
- Awarded the NPTEL Online Certification for passing the course “Integrated Circuits, MOSFETs, OP-Amps and their Applications” conducted by IISc Bangalore, Jan-Apr 2020.
- Awarded the NPTEL Online Certification for passing the course “Digital Circuits” conducted by IIT Kharagpur, Jul-Oct 2019
- Got acknowledged in the book “**Fundamentals of Engineering Electromagnetics**” authored by Prof. Sunil Bhooshan and published by Oxford University Press, India. The contribution made is the preparation of CD of MATLAB exercises of the chapters in the book.
- Was the Member of Conference Secretaries of “**3<sup>rd</sup> International Conference on Smart Innovations in Communication and Computational Sciences (ICSICCS-2020)**” organized by Institute of Engineering & Technology, Dr. R M L Avadh University and **SPRINGER** during 27 and 28<sup>th</sup> February, 2020.
- Was the Member of Organizing Secretaries of “**62 Annual Convection 2019 & International Conference on Industry 4.0**” organized by Institute of Engineering & Technology, Dr. R M L Avadh University and **Institution of Electronics and Telecommunication Engineers (IETE)** during 27-29<sup>th</sup> September, 2019.
- Was the Member of Conference Secretaries of **National Conference on Emerging Trends in Engineering & Technology**” (NCETET-2019) organized by Deptt. of Information Technology Institute of Engineering & Technology, Dr. R M L Avadh University and **Institution of Electronics and Telecommunication Engineers (IETE)** during 27-29 September, 2019.
- Have been nominated as the Convener, Coordinator, Organizing Secretary, member of Organizing Committee of different Workshops, FDPs.
- Have been the member of organizing committee of 22<sup>nd</sup> International Conference of International Academy of Physical Sciences (CONIAPS XXII) on Emerging Trends in Physical Sciences organized by Faculty of Science, Dr. R M L Avadh University, Faizabad, during April 13-15, 2018.
- Have participated in the National Seminar on Threats to India: Internal to Global organized by Deptt. Of Defence & Strategic Studies, K. S. Saket P. G. College in collaboration with Dr. R. M. L. Avadh University, Faizabad, during 13-14 February, 2018.
- Have been the member of organizing committee of Induction Program organized at IET, Dr. R M L Avadh University under the aegis of TEQIP-III.
- Have been examiner for practical exam in ECE deptt. In 2016, 2017, 2018, 2019, 2020 at UNSIET, VBS Purvanchal University, Jaunpur.

- Convener and member of University Flying Squad since 2015 for Main exams 2016, 2017 and also for various other exams in Dr. R.M.L. Avadh University, Faizabad.
- Expert of Live CCTV monitoring of Main Exam-2018 of Dr. R M L Avadh University, Faizabad.
- have been doing the invigilation duties of different State-level examinations like CPMT, B. Ed., UPSEE, etc.
- Have been the internal examiner for the End semester practical examinations of IET, Dr Rammanohar Lohia Avadh University.
- Worked as a counsellor in UP B. Ed. 2016 counselling.

### CONFERENCES, WORKSHOPS, FDPs, STCs

- A paper on “Brain Tumor Segmentation in Magnetic Resonance imaging using OKM approach” published in Proceedings of 3<sup>rd</sup> International Conference on Smart Innovations in Communication and Computational Sciences (ICSICCS-2020) organised by Deptt. of IT, IET, Dr. Rammanohar Lohia Avadh University, Ayodhya during 27-28 February, 2020 in association with SPRINGER
- A paper on “Depiction of Water Characteristics from Multispectral Imagery Using Image Processing” published in Journal of Emerging Technologies and Innovative Research (JETIR), ISSN: 2349-5162, March 2020, Volume 7, Issue 5.
- A paper on “A Review on Fuzzy Logic Based Smart Routing Algorithm for WSN” published in International Journal of Research and Development in Applied Science and Engineering (IJRDASE) ISSN: 2454-6844, Volume 20, Issue 2, 2020.
- A paper on “Fuzzy Logic Based Smart Routing Algorithm for WSN” published in International Journal of Research and Development in Applied Science and Engineering (IJRDASE) ISSN: 2454-6844, Volume 20, Issue 2, 2020.
- A paper on “An Assessment on Numerous Techniques to Discernment Water Bodies Using Image Processing” published in Journal of Emerging Technologies and Innovative Research (JETIR), ISSN: 2349-5162, March 2019, Volume 6, Issue 3.
- A paper on “Empirical Examination of Mobile Ad Hoc Routing Protocols on Wireless Sensor Networks” in “**62 Annual Convection 2019 & International Conference on Industry 4.0**” organized by Institute of Engineering & Technology, Dr. R M L Avadh University and **Institution of Electronics and Telecommunication Engineers (IETE)** during 27-29<sup>th</sup> September, 2019.
- Presented a paper on “An overview of current & future trends in the areas of data security in local network using firewall” in 22<sup>nd</sup> International Conference of International Academy of Physical Sciences (CONIAPS XXII) on Emerging Trends in Physical Sciences organized by Faculty of Science, Dr. R M L Avadh University, Faizabad, during April 13-15, 2018.
- Presented a paper on “TCP/IP: Security issues & solution” in 22<sup>nd</sup> International Conference of International Academy of Physical Sciences (CONIAPS XXII) on

Emerging Trends in Physical Sciences organized by Faculty of Science, Dr. R M L Avadh University, Faizabad, during April 13-15, 2018.

- Presented a paper on “An overview of current & future trends in the areas of wireless sensor networks and their key challenges” in 22<sup>nd</sup> International Conference of International Academy of Physical Sciences (CONIAPS XXII) on Emerging Trends in Physical Sciences organized by Faculty of Science, Dr. R M L Avadh University, Faizabad, during April 13-15, 2018.
- “Aspects of Soliton Transmission in Optical Fiber and Photonic Crystal Media and their Applications”, II<sup>nd</sup> National Conference on Photonics and Material Sciences organized by Optical Engineering Division Department of Applied Physics GJUS&T, Hisar, March 20-21, 2014.
- Review on “Photonic Crystal and Soliton Propagation”, International Year of Light Celebration and III<sup>rd</sup> National Conference on Photonics and Material Sciences organized by Optical Engineering Division Department of Applied Physics GJUS&T, Hisar, Nov 18-19, 2015.
- Attended the online FDP on “Information Security and Privacy ISP-2020” organized by MNNIT Allahabad sponsored by ISEA-II during May 26-30 May, 2020.
- Attended the online Webinar on “Accelerated Design approach for Antenna and Antenna Arrays using Altair FEKO” organized by Bangalore Institute of Technology in association with DesignTech Systems Pvt. Ltd. during May 26-27 May, 2020.
- Participated in the Online training program on “Microstrip Antennas with different types of feeding techniques” organised by Entuple Technologies, New Delhi in association with IEEE Bangalore Section conducted on 20-21 May, 2020.
- Participated in the Online Webinar on “MATLAB for AI, Machine Learning and Deep Learning” jointly organised by Deptt. of CSE & EE and DesignTech Systems Pvt. Ltd. on April, 30, 2020.
- Participated in the Online Webinar on “Virtual IEEE Faculty Conclave for Non-IEEE Faculty Members” organised by IEEE Bangalore Section on 25<sup>th</sup> April, 2020.
- Attended International Conference on Digital Pedagogies changing Mindsets for Sustainable Learning organized by JIS College of Engineering, Kolkata at AICTE Auditorium, New Delhi during 01-02 April, 2019.
- Attended the “Summit Connect” organised by SPIU- Uttar Pradesh and SPIU- Karnataka in association with BMS College of Engineering and Dr AIT, Bengaluru during 08-09 November 2019.
- Attended Faculty Development Program on Strategic Quality Initiatives in Technical Education organized by Engineering Staff College of India during 09-13 May 2019 at Bangaram, Lakshadweep Islands, India.
- Attended Faculty Development Program for Improving Teaching, Learning & Research Competence organized by Engineering Staff College of India during 25-29th June 2019 at Leh-Ladakh, India.

- Attended the National Workshop on Blockchain Technology organized by Banking Technology, School of Management, Pondicherry University in association with Engineering Staff College of India during 22-23 March 2019.
- Attended a Summer Training Program on Active Learning for Senior Faculty held at IIT Kanpur from 02 July to 06 July, 2018.
- Attended the workshop on “Outcome based Accreditation for Undergraduate Engineering Programs” jointly organized by Institute of Engineering & Technology, Dr. R.M.L. Avadh University, Faizabad and Dr. Ambedkar Institute of Technology, Bangalore, Karnataka under TEQIP-III, NPIU, MHRD during 09-10 March, 2018
- One week Professional Development Training under the aegis of Technical Education Quality Improvement Programme (TEQIP-III) held at IIM Kashipur, Uttarakhand during 05-09 February, 2018.
- Attended the workshop on “Signal Processing Tools & Techniques” organized by Deptt of ECE, IET, Dr. RML Avadh University Faizabad under TEQIP-III, NPIU, MHRD, Government of India during 05-06 January, 2018.
- One week Faculty Development Program on “Role of MATLAB in Advance Computing” organized by Deptt. Of CSE, KNIT, Sultanpur during 25-29 July, 2016.
- One week Faculty Development Program on “Computer Based Security: Issues and Challenges” organized by Deptt. Of CSE, KNIT, Sultanpur during 17-21 October, 2016.
- Short Term Course on “Advances in Computing Technology” organized by Deptt. Of CSE, Madan Mohan Malviya University of Technology, Gorakhpur during Feb 23 to March 01, 2017
- Faculty Development Program on Entrepreneurship Organised by CTED Jagdishpur in association with EDII Ahmedabad at Jhunjhunwala PG College, Faculty of Engg & Tech, Faizabad during 15- 28 November, 2016.
- Attended and was in the organizing committee of the conference on “2012 IEEE International Conference on Signal Processing, Computing and Control (ISPCC-2012)”, March 15-17, 2012, Jaypee University of Information Technology, Shimla, India.
- Attended the one day workshop on VLSI organized by “CoreEL Technologies” at Jaypee University of Information Technology, Shimla, India.

## ACHIEVEMENTS

- **QUALIFIED GATE-2011 WITH GATE SCORE OF 433 (94 PERCENTILE).**
- Have been the member of organizing committee of and participated in “DIVYA DEEPOTSAV” organized at Ram ki Paidi, Ayodhya jointly by Dr. R M L Avadh University and Government of Uttar Pradesh on 18<sup>th</sup> October, 2017.
- Have been the member of organizing committee of Science Exhibition organized by IET, Dr. R. M. L. Avadh University, Faizabad at Ram Ki Paidi, Ayodhya on 29<sup>th</sup> January, 2018.
- Have been the member of organizing committee of “Ayodhya Half Marathon” organized by Dr. R M L Avadh University Faizabad on 11<sup>th</sup> February, 2018.

- Participated in 5<sup>th</sup> National Science Olympiad and awarded a certificate for distinctive performance.
- Have been awarded Participation Certificate for Hockey Tournament at Zonal Level in Inter School Competitive Sports Programme organized by CBSE.
- Have been an active organizer of many events in the college.
- Have been a part of school Football Team.

## INTERESTS AND HOBBIES

- Singing and listening to songs. Supporting vocalist of the band “TrikalShastra”.
- Cooking
- Playing cricket, Badminton, hockey and football. Good in table tennis.
- Interested in electronic gizmos, computer gaming.

## PERSONAL DETAILS

Father's Name : Prof. B. B. Tiwari

Mother's Name : Late Mrs. Nirmala Tiwari

Date of Birth : 20<sup>th</sup> July, 1989

Marital status : Married

Nationality : Indian.

Blood Group : AB+

Address : s/o Prof. B. B. Tiwari, Pt. Deen Dayal Nagar Colony, Deokali Bypass, Bheekhapur Road.

City : Faizabad

State : Uttar Pradesh

Pin Code : 224001

Languages Known: English (Speak, Read And Write), Hindi (Speak, Read And Write).

## DECLARATION

I hereby solemnly declare that all the statements made above are true and correct to the best of my knowledge and belief.

Place: Faizabad

Signature:

Date: 29-06-2018

*Parimal*