

Dr. Praveen Kumar Malik, BE, M.Tech, PhD

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A professional qualified, experienced and **OBE/NBA certified** person with extensive knowledge and skills in Electronics and Communication Engineering. Able to work effective at all levels in organization with the ability to manage changes and meets time and quality demands.

QUALIFICATION: -

S.No	Degree	Board University	Pass out year	Division	Remark
1	Class XII	UP Board	1994	Ist	
2	B.E (Electronics)	NANDED	2000	Ist	Distinction
3	M.Tech (Communication Systems)	Shobhit	2010	Ist	Gold Medal
4	PhD (Analysis and Synthesis of Current Distribution for Parabolic Reflector antenna, using Pocklington Equation)	Mewar University	2016	Ist	2 SCI publication

WORKING EXPERIENCE:- Total experience in teaching is more than 16 Yrs

S.No	Organization	Position	Duration
1	G.L.A Inst. Of Eng. & Tech., Mathura UP	Lecturer	Aug 2000 - June 2003
2	Sir Chotu Ram Inst. of Eng. & Tech, CCS University, Meerut	Sr. Lecturer	Aug. 2003 - July 2007
3	Radha Govind Engineering College, Meerut UP	Assist. Prof	Feb 2008 - Oct 2012
4	Raj Kumar Goel Institute of Technology, Ghaziabad UP	Asso. Prof.	Oct 2012 – July 2016
5	Inderprastha Engineering College Ghaziabad UP	Asso Prof	July 2016 – Jan 2018
6	Lovely Professional University, Jalandhar Punjab	Professor	Jan 2018 – Till date

MEMBERSHIP [05]: -

1. Cambridge University Press Society, USA. (**International Journal of Microwave and Wireless Technology**)
2. Life Membership of "**INDIAN SOCIETY FOR TECHNICAL EDUCATION**" (ISTE, New Delhi, LM 61726)
3. Life membership of "**ICEIT (INSTITUTE FOR COMMUNICATION ENGINEERS & INFORMATION TECHNOLOGIST)**" New Delhi. (M 1000084A)
4. Life Membership of "**MEEEUT ENGINEER ASSOCIATION**", Meerut. (L 504)
5. Life membership "Senior Member" of **INTERNATIONAL ASSOCIATION OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (IACSIT)** (Membership Number: 80341154)

BOOK CHAPTERS: -

Praveen Kumar Malik, Rajesh Singh, Anita Gehlot "Impacts and Challenges of the Internet of Things on Robotics and Automation", book is scheduled to be published by IGI Global (formerly Idea Group Inc.), publisher of the "Information Science Reference" (formerly Idea Group Reference), "Medical Information Science Reference," "Business Science Reference," and "Engineering Science Reference" imprints May 2019.

SPECIAL CONFERENCE SESSION: -

1. **Praveen Kumar Malik, Rajesh Singh, Anita Gehlot "Embedded system & Robotics in Automation"**, International conference on Intelligent Computing and Smart Communication, (ICSC-2019) from 20-21

April 2019, Institute of Hydropower engineering and Technology (THDC-IHET, Tehri, Uttarakhand, India).

2. **Praveen Kumar Malik**, Gaurav Sethi, Rajesh Singh, Anita Gehlot “**Communication and Human Things**”, International conference on Computing Communication and Cyber Security, (IC4S-2019) from 12-13 October 2019, C Dac Mohali Chandigarh.
3. **Praveen Kumar Malik**, N P Gupta, Rajesh Singh, Anita Gehlot “**Communication and Human Things**”, IEEE Sponsored International Conference on Computation, Automation and Knowledge Management, (ICCAKM-2019) from 09-10 January 2020, Amity Campus, Dubai.

REVIEWER AND EDITORIAL BOARD MEMBER [07]: -

- *. Associate editor of “International Journal of Antennas” since May 2019. ISSN 2455-7897. <https://airccse.com/jant/editorial.html>
- *. Reviewer of “International Journal of Microwave and Wireless Technologies”, Cambridge University Press and the European Microwave Association. ISSN: 1759-0787 (SCI)
- *. Reviewer of “International Journal Security and Privacy” Wiley. ISSN: 2475-6725

PUBLICATION IN INTERNATIONAL JOURNALS[07]: -

- **Praveen Kumar Malik**, M. P. Tripathi, H. Parthasarthy “**Statistically Computed Signal Analysis in Antenna Array**”, International Journal of Microwave and Wireless Technologies, 2011, 3(6), PP 701–705. # Cambridge University Press and the European Microwave Association, 2011 DOI: 10.1017/S1759078711000791 ISSN: 1759-0787(Impact factor: 0.472)
- Praveen Kr. Malik, “**Hardware Design of Equilateral Triangular Microstrip Antenna Using Artificial Neural Network**”, TECHNIA – International Journal of Computing Science and Communication Technologies, VOL. 3, NO. 2, Jan. 2011. (ISSN 0974-3375)
- **Praveen Kumar Malik**, Harish Parthasarthy, M. P. Tripathi “**Axisymmetric Excited Integral Equation Using Moment Method for Plane Circular disk**”, International Journal of Scientific and Engineering Research, pp 1-3, Volume 3, Issue 3, March 2012 ISSN 2229-5518 (Impact factor:3.8)
- **Praveen Kumar Malik**, M. P. Tripathi, H. Parthasarthy, “**Modeling and Design of Moment Method for Plane Circular Disk**”, pp215-221, Elsevier India Pvt. Ltd, Dec 2012 (Impact factor: 0.72)
- **Praveen Kumar Malik**, M. P. Tripathi, H. Parthasarthy, “**Alternative Mathematical Design of Vector Potential and Radiated Fields for Parabolic Reflector Surface**”, C.C.I.S 361, pp. 412–419, Mar 2013, Advances in Computing, Communication, and Control, Springer-Verlag Berlin Heidelberg 2013 ISBN 978-3-642-36321-4(Impact factor: 1.23)
- **Praveen Kumar Malik**, Harish Parthasarthy, M. P. Tripathi “**Analysis and Design of Pocklington’s Equation for any arbitrary surface for radiation**” International Journal of Scientific and Engineering Research, Volume 7, Issue 9, PP 208-213, September 2016 ISSN 2229-5518(Impact factor:3.8)
- **Praveen Kumar Malik**, M. P. Tripathi, H. Parthasarthy “**OFDM, A Mathematical Approach**”, “Journal on Today's Ideas - Tomorrow's Technologies”, Volume 5 No2, PP 97-111, Dec 2017, ISSN print 2321-3906, ISSN online 2321-7146

PUBLICATION IN INTERNATIONAL CONFERENCE[01]: -

- **Praveen Kr. Malik**, A Singh, R Kumar “**MATLAB Approach for Back propagation, Neural Network Perceptron**”, in Proceedings of IEEE International Conference on Advances in Communication, Network, and Computing – CNC 2010. ISSN - 978-0-7695-4209-6/10, DOI 10.1109/CNC 2010 pp 256-259, 04-05 Oct 2010 Calicut

PUBLICATION IN NATIONAL CONFERENCE [08]: -

- **Praveen Kr. Malik**, Harjeet Singh, “**Analysis and Synthesis of Speech and Speaker Recognition using MATLAB**”, National Conference on Emerging Technologies on VLSI, at M.I.E.T Meerut, pp 162-169 Vol

I on Sep 18, 2011.

- **Praveen Kr. Malik**, Akansha Rastogi, "A Recursive Approach to Turbo Sum Product Decoding OF LDPC code", National Conference on Emerging Technologies on VLSI, at M.I.E.T Meerut, pp 187-191 Vol I on Sep 18, 2011.
- **Praveen Kr. Malik**, R Kumar, "An application approach for "FRANK ROSENBLATT" Neural Network Perceptron, Central Scientific Instruments Organization (CSIO), National Conference on Computational Instrumentation (NCCI 2010), pp 33-36 Vol I session IV on March 19-20 2010
- **Praveen Kr. Malik**, R Kumar, S Pundir "Finger Print Recognition, an Application Approach", National Conference "Wireless Communication and VLSI design" Technically supported by IEEE MP Section, G.E.C, Gwalior, Vol I session III rd pp 56-59 on 27 Mar 2010.
- **Praveen Kr. Malik**, "Importance & Uses of I2C Protocol in Embedded System" Vol I in *proc.* "National Conference on Emerging trends in Embedded Technology". pp 228-229 on 14 Feb 2009 at SGIT, Ghaziabad.
- **Praveen Kr. Malik** "An approach to "e-learning for life"", Centre for development & Technology foundation. (CDT), Vol I session VII in *proc.* "e learning: An Innovative Knowledge Oriented Framework" pp 217-220 on 09 Sep 2009 at New Delhi.
- **Praveen Kr. Malik** "Platform for Building Efficient Capabilities" National conference on ERP, at BLS institute of technology & management, Ghaziabad on dated 24 Feb 2007.

SEMINAR/WORKSHOP ATTENDED :-

- Attended three days hands on workshop on "Embedded system design using MSP 430", organized by Texas Instrument and AKTU from 2nd to 4th June 2016 at MIET Meerut UP.
- Attended three days hands on workshop on "Linear integrated circuit: A systems approach", organized by Texas Instrument and AKTU from 30th May to 1st June 2016 at MIET Meerut UP.
- Attended two days National Seminar on "Advancement in Semiconductor Devices and Electronics Circuits for Engineering Application" as on 21st and 22nd Aug 2015 at RKGIT Ghaziabad UP.
- Three days Faculty Development Program (F.D.P) attended on "Analog and Digital Circuit Design" from 13th to 15th July 2015 at RKGIT Ghaziabad UP.
- Two days training program attended on "Intellectual Property Rights" as on 30 June and 1st July 2014 at ENNOBLE, IP New Delhi.
- Attended a National Level Symposium on "Green Technologies", in Radha Govind Group of Institutions, Meerut on dated 18.04.2012.
- Attended an International seminar at Shobhit University, Meerut on the topic "Chip level testing and testability" on 23th November 2010.
- Attended an International seminar at New Delhi on the topic "Next Generation Wireless: Business Opportunities & Challenges" on 13th November 2009.
- Attended a National Level seminar at Shobhit University, Meerut on the topic "Recent trends in Nano science & Nanotechnology" on 3rd October 2009.
- National Seminar on "Energy & Environment Problems & Solution in 21st Century" on 30-31st March 2009, at Sir Chhotu Ram Institute of Engineering & Technology, Meerut. UP
- Conducted a SUMMER SCHOOL on "Latest Emerging Technique in Engineering Fields" in Rajiv Academy for Technology & Management, Mathura during June-July 2003.
- "Technical Education in INDIA & Changing the Vision of World for 21 century" (Seminar was organized by G.L.A Inst of Eng. & Tech in the month of Feb 2004 at vrindavan, Mathura. The main objective of the seminar was to put the light on the advantages & disadvantages of the communication technology over the world during the 21 century).
- **V.L.S.I. Design in BIT MAPPER.** (Seminar was organized by a reputed organization named "BIT MAPPER" in PUNE in the year March 2000. The main objective was to put the light on the current development of the VLSI design).

FINANCIAL PROJECTS: -

- **Rs. 2,00,000/-** grant approval from the AICTE for the National Conference on “Recent Trends in Generation and Application of Microwave in Industries and Service Sector” on 14th and 15th Feb 2014.
- Two proposals successfully submitted for dept. growth in MSME and DSIR.

SHORT TERM COURSE / SUMMER SCHOOL: -

1. **One week AICTE sponsored** Faculty Development Program (FDP), on “Outcome Based Pedagogic Principles for Effective Teaching” through NPTEL, by IIT Kharagpur 15-20 Oct 2018.
2. **One week MHRD sponsored** FDP on wireless & Mobile communication from 30th October to 3rd Nov 2017 by NITTTR Chandigarh
3. **One week MHRD sponsored** short term course (STC) on “Accreditation of Programs” at NITTTR Chandigarh, from 05.06.17 to 09.06.17.
4. **One week MHRD sponsored** short term course (STC) on “Wireless Networks” at NITTTR Chandigarh, from 22.05.17 to 26.05.17.
5. **One week AICTE and AKTU sponsored** Faculty Development Program (FDP), on “Wireless and Microwave Engineering” at ITS Engineering College G Noida, from 04th Jan to 09th Jan 2016.
6. **One week short term course** sponsored by Ministry of HRD and NITTTR Chandigarh at RKGIT Ghaziabad on “VLSI design through ICT”, from 05.10.2015 to 09.10.2015.
7. **One week Technical Education Quality Improvement Program (TEQIP)** sponsored workshop on “Modern Antenna: Simulation and Application”, at NIT Warangal from 16th Feb to 19th Feb 2012.
8. “**High Impact Teaching Skills**”, one week workshop, being conducted by Wipro Mission 10X, during 21-25 Nov 2011, in Radha Govind Group of Institutions, Meerut.
9. “**Dale Carnegie Training Program**” advance workshop being conducted by Wipro (Mission 10x) on 16 and 17Jan 2012 in Radha Govind Group of Institutions, Meerut.
10. **SUMMER SCHOOL** on “**Advance Signal Processing on MATLAB**” from 12.07.09 to 18.07.09 at **NIT HAMIRPUR**.
11. 45 days training in “**Microcontroller & Embedded System**” from Micrologic Pvt. Ltd Mohali, during Nov. - Dec.2006 .
12. Short term program in “**Embedded System Design**” from Sciencetech tech. Pvt. Ltd. Indoor, during Oct. 2005.

ACHIEVEMENTS FOR SELF: -

1. Member of “**Board of Studies** ” Sir Chhotu Ram Inst. of Eng. & Tech., Ch. Charan Singh University, Meerut .
2. Member of “**Interview Board** ” of Ratan Lal Phool Katauri Girls Inter College, Mathura.
3. Member of “**Interview Board** ” for Lab technician in EC Dept. C.C.S. University, Meerut
4. Appointed as an **Observer** at the Lucknow center for B. Tech Entrance Exam by **C.C.S. University Meerut**, to look after the proper running of exam in the month of June 2005.
5. Worked as a **Course Coordinator** of **Bachelor of system Software (BSS)** Rajiv Academy for Tech. & Mgmt. Mathura.
6. Worked as a Chairman of “**Cultural Committee**” of Rajiv Academy for Tech. & Mgmt. Mathura.
7. Controller & in charge for the **Central Evaluation** of final year exam at SCRINET, Meerut.
8. Member of **Paper setting committee** of AMITY University, Lucknow campus.
9. Member of **Science & Engineering Review Committee**, Mc Graw Hill, Education New Delhi.
 - a) Reviewed questionnaire for the newly edition named “**8051 Microcontroller**” by Mr. John Mathews. (Mc Graw Hill, Education)
 - b) Reviewed questionnaire for edition named “**Microcontroller & its Interfacing**” by Mr. SK satpati (Mc Graw Hill, Education)

10. Member of review committee for a book named “**8051 Microcontroller Hardware Software & Application**” By V Udayashankara & M S Mallikaarjunaswami. Tata Mc Graw Hill. ISBN 16: 978-0-07-008681-4
11. Worked as a **Team Leader** for the smooth conduction of the B Tech, final year end semester exam at BIT, M Nagar and Veera College of Eng. Bijnor during June-July 2011.
12. Centre Controller, for the smooth conduction of UPSEE Exam at BIT Jhansi during May 2011.
13. Worked as SPOC for NPTEL courses at RKGIT Ghaziabad since June 2015 to July 2016.

EVENTS ORGANIZATION: -

1. Convener of the National Conference on the topic “**National Conference on Recent Trends in Electronics and Electrical Engineering**” is being organized by Inderprastha Engineering College Ghaziabad UP from 16.02.17 to 17.02.17.
2. **Conducted four days** in house workshop at RKGIT Ghaziabad on the topic “**Embedded Systems and its application**”, in 09-14 June 2014.
3. Convener of National Conference on “**Recent Trends in Communication system and Devices**”, on 01-02 Sep 2012 at RGGI Meerut.
4. Convener of “**AICTE sponsored Staff Development Program**”, on the title “**Application of Electronic Design Automation Tools in Emerging Fields**”, from 04-17, July 2011 at RGGI Meerut.

INVITED LECTURES/CHAIRPERSON: -

1. Expert lecture on PCB designing, workshop of PCB designing at Dewan Vs institute of Technology Meerut on 01 Apr 2019.
2. Expert lecture on “Process of NBA preparation” at Govt college of polytechnique, Sanghi Rohtak Haryana on 01-02 Feb 2019.
3. Expert lecture, on the topic “**Workshop on short fall in the B Tech curriculum**” being organized by Ambedkar Institute of advance communication technology, Geeta colony Delhi from 17.01.2017 to 19.01.2017.
4. “Session chair” in the IEEE UP section **International Conference on Micro-Electronics and Telecommunication Engineering** (ICMETE-2016) on 22 & 23, September, 2016 technically sponsored by **IEEE EDS Nepal Chapter**.
5. **Expert Lecture** in Ministry of HRD promoted one week technical education program on “MATLAB and its Application” being conducted by N.I.T.T.T.R Chandigarh, since 05.05.14 to 09.05.14.
6. **Expert Lecture** in Ministry of HRD promoted one week technical education program on “Structural Numerical technique Methods for Engineers” being conducted by N.I.T.T.T.R Chandigarh, since 09.09.13 to 13.09.13.
7. Member of the review committee, IEEE Transactions on Antennas and Propagation, the IEEE Antennas and Wireless Propagation Letters, and/or the IEEE Antennas and Propagation Magazine, supposed to be conducted on June, 15 2012.

AWARD AND RECOGNITION: -

1. Best paper award: - **Praveen Kr. Malik**, “**Statistically Computed Signal Analysis in Antenna Array**”, IEEE International Conference on Emerging Trends in Electrical and Computer Technologies, ICETECT 2011, Kanyakumari Tamilnadu INDIA, ISSN - 978-1-4244-7925-2/11, pp 853-856, 23-24 Mar 2011.
2. Honored by Meerut Engineer Association as a “**Best Teacher**” among the three in the Meerut during 2008-2009 on Engineers day (15 Sep 2009)
3. Gold Medalist in M Tech (2008-2011 batch), Shobhit University, Meerut.
4. Honored by Maullana Abul Kalam Azad Excellence Award for Education – 2016 as “**Outstanding individual achievement and distinguished services to education**” during 10 Dec 2016.

ACADEMIC CERTIFICATION: -

1. **“Elite”** certificate in the course “Estimation for Wireless Communications MIMO (or) OFDM Cellular and Sensor Networks” through NPTEL, by IIT Kanpur Dec 2015.
2. **“Elite”** certificate in the course “Principal of modern CDMA/OFDM wireless communication” through NPTEL, by IIT Kanpur Nov 2016.
3. **“Elite”** certificate in the course “Outcome Based Pedagogic Principles for Effective Teaching” through NPTEL, by IIT Kharagpur Jan-Apr 2017.
4. **“Participation and successfully completion”** certificate in the course “Probability and Random Variables/ Processes for Wireless Communications” through NPTEL, by IIT Kanpur Jan-Apr 2017.
5. **“Elite”** certificate in the course “Outcome Based Pedagogic Principles for Effective Teaching” through NPTEL, by IIT Kharagpur Aug-Oct 2018.

REFERENCE: -

Prof. Harish Parthasarthy
Dept. of EC, NSIT
Sec 3, Dwarika New Delhi 10078

Prof. M P Tripathi
Prof. Emirates NIT Patna
Ashok Rajpath, Mahendru, Patna, Bihar

I hereby declare that all statements in this application are correct to the best of my knowledge.

(Dr. Praveen Kumar Malik)