



Manisha Yadav

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CAREER OBJECTIVE

To pursue a progressive career in a dynamic organization which provide opportunities for both professional & personal growth, and to utilize my skills to expand the organization's performance.

WORK EXPERIENCE:

- Currently working as an Assistant Professor & Head in Department of Electronics and Communication Engineering at “**Institute of Engineering & Technology, Dr. Rammanohar Lohia Avadh University, Ayodhya, U.P.**” from 15th June 2018 to till the date.
- Formerly worked as an Assistant Professor in Department of Electronics and Communication Engineering at “**Veer Bahadur Singh Purvanchal University, Jaunpur** form 16th July 2016 to 14th June 2018.
- Worked as an Assistant Professor & Head in Department of Electronics and Communication Engineering at “**Prasad Institute of Technology, Jaunpur** form 15th September 2014 to 15th July 2016.

PROFESSIONAL QUALIFICATION

- Ph.D (Pursuing) from Kamla Nehru Institute of Technology, Sultanpur, Dr. APJ Abdul Kalam Technical University, Lucknow, U.P.

Sr. No.	Qualification	Year	Percentage/CGPA	Board/University
1.	M.tech (Wireless Communication and Networks)	2012-2014	8.71 cgpa with Hons	Gautam Buddha University, Greater Noida, U.P.
2.	B.Tech (ECE)	2009-2012	72%	Feroze Gandhi Institute of Engg. and Technology, Raebareli, U.P
3.	Diploma (Electronics Engg.)	2006-2009	80% with Hons	Govt. Girls Polytechnic ,Faizabad, U.P
4.	Highschool	2006	68%	Govt. Girls Inter College, Faizabad, U.P.

SPECIALIZATIONS AND RESEARCH INTEREST

- Mobile and Data Communication System
- Cloud Computing
- Network Security and Cryptography
- Wireless sensor networks

SUBJECT TAUGHT AT PG LEVEL

- Ad-hoc Networks
- Advanced Microprocessor
- Advanced wireless communication
- Cyber Security
- Information theory and coding

SUBJECT TAUGHT AT UG LEVEL

- Communication Engg
- Optical Networks
- Microwave Engg.
- Antenna and wave Propagation
- Satellite Communication
- Data communication and Networks
- Laser System and application
- Wireless Communication

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- Member of International Associations of Engineers (IAENG).
- Member of WASET Scientific and Technical Committee.
- Member of Universal Association of Computer and Electronics Engg. India.
- Member of Cryptology Research Society of India.
- Member of International Centre for Advanced Research and Studies.

AWARDS & ACHIEVEMENTS

- 3rd place in "Electronics model exhibition in IIPC TECH- FEST" held at Feroze Gandhi Institute of Engg. And Technology, Raebareli in yr.2010.
- Badminton singles champion in yr. 2009 at institute level.
- Second prize in science exhibition in science club at district level in 2009.
- Active participation in "Debates & Speech Competitions" and also secured various positions at college as well as district level.
- Served as a "Red Cross Organization Worker" from 2003 to 2006.
- Various prizes received in singing and mimicry competition.

SEMINARS DELIVERED

- SED & FED Technology at U G Level
- Google Glass at P G Level
- Cloud Computing at P G Level

ADDITIONAL DUTIES PERFORMED

- Head of the Department
- Twinning Coordinator in TEQIP-III project funded by MHRD at IET,Ayodhya.
- ACS in the even and odd Sem exam 2014-16 in Prasad Institute of Technology, Jaunpur, U.P.
- Various Co-curricular actives organized in campus.
- Member of Placement cell.
- University nominated member of Women Grievance and Welfare cell at Dr. Rammanohar Lohia Avadh University
- External member of Board of Studies at Dr. Ambedkar Institute of Technology, Bangalore.
- Member of Students activity cell at IET, Ayodhya

INDUSTRIAL EXPOSURE & TRAININGS

- Successfully Completed 4 weeks training from B.S.N.L, Faizabad in June 2011.

- Experienced practical exposure of one month in ITI Ltd. Mankapur in mobile communication, Electronic switching & manufacturing.
- 4 weeks hand on training in embedded system from "Quarbtz Technologies, Lucknow."

PROJECTS & DISSERTATION WORK:

- M. Tech Dissertation: "**Key Management in Efficient and Secure Group Communications**". Supervised By: Mr. Sandeep Sharma, Faculty Associate, School of Information and Communication Technologies, GBU, Greater Noida, U.P. & Dr. Karan Singh, Assistant Professor, Jawaharlal Nehru University, New Delhi.
- Completed M. Tech major project of first year on "**Real Time Message Transmission in Wireless System**" Under the supervision of Dr. Karan Singh, Assistant Professor in GBU.
- Worked on the project "**Infrared Melody Generator**" as my mini project in 3rd semester of B.TECH.
- Successfully worked on the project "**Mobile Controlled Home appliances**" and secured 3rd position in model exhibition in Industry Institute Partnership Cell (IIPC) tech fest 2010.
- As a main project requirement at diploma level, worked on "**Infrared Radio Transmitter & Receiver**".
- Successfully completed a major project of B.Tech on "**Wireless Home Automation Using PC**."

PROJECT SUPERVISED AT UG LEVEL:

- At U G Level: 10 Nos.

M.TECH DISSERTATION SUPERVISED:

- 4 nos.(2 as guide and 2 as co guide)

TECHNICAL SKILLS

- Cisco Packet tracer
- Matlab
- Qualnet & NS2.35
- ERP software
- Ms-Office
- Canva
- coral

OTHER ACADEMIC ACHIEVEMENTS & INVOLVEMENTS

- Head of The Department
- Twinning coordinator
- Coordinator of "Outcome based education & NBA Accreditation for program "organized by institute of Engineering & Technology ,Dr. Ram Manohar Lohia Avadh University, Ayodhya ,during 02-06 August ,2019.
- Member of BOS committee as external member at Dr. Ambedkar institute of Technology, Bengaluru.
- Successfully completed of online certification course on " Cryptography and Network Security" conducted by IIT Kharagpur.

PAPER PRESENTED AND CONFERENCE/WORKSHOP ATTENDED:

- 1) Participated in the "International Conferences of Internetworking for Quality, Reliability and Security "held at SoICT on 11-13 Jan' 13, Gautam Buddha University, Greater Noida.
- 2) Paper presented in 9th national conference on "Smarter Approaches in computing Technologies and Applications 2014".
- 3) Paper presented in 8th INDIA CoM 2014; International Conference on "Computin forSustainableGlobal Development", 5th7th March, 2014 Bharati Vidyapeeth Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).
- 4) Participated in conference of cloud computing in Gautama Buddha University.
- 5) Attended and research paper presented on "Key management in efficient and secure group communications" in National conference on computer intelligence and robotics, 4th -5th Mar' 15 at ABES engg. College, Ghaziabad.
- 6) Attended workshop on scientific writing using LATEX on 5th oct' 13 organized by "Department of Mathematics, School of vocational studies and applied science", held at Gautam Buddha University, Greater Noida,U.P.
- 7) Attended and paper presented in IEEE sponsored national conference on energy power and intelligent systems, 28-29 march, 2014.

PROFESSIONAL DEVELOPMENT TRAINING

- **Successfully attended One week PDT for Head of the Departments at IIM Udaipur from 10-14 June 2019.**

SHORT TERM COURSE

- **Successfully completed one week short term course on "Emerging Power Technologies and Management " held during April 08-13 ,2019 at KNIT, Sultanpur, U.P.**

FACULTY DEVELOPMEMENT PROGRAMS ATTENDED

- One week faculty development programme on cyber security organized by School of computer and system Sciences, JNU, New Delhi and AICTE training and learning Academy New Delhi on 26th may-30th may 2020.
- One week faculty development programme on Internet of Things organized by School of computer and system Sciences, JNU, New Delhi and AICTE training and learning Academy New Delhi on 26th may-30th may 2020.

- Attended Faculty Development Program on “Research Methodology Using Data Analytical Tools” from January 11 to 22, 2016 at Department of Mechanical Engineering, KNIT Sultanpur.
- Attended Faculty Development Program organized by Center of Technology & Entrepreneurship Development , Amethi , Jagdishpur, U.P. Sponsored by DST , NEW DELHI, at Prasad institute of technology, Jaunpur on 17/07/2015 to 30/07/2015.
- FDP on IPR and Plagiarism organized by TEQIP-III at VBSPU, Jaunpur on 20-23 sept 2018.
- Fdp on Business opportunity guidance and project implementation ,organized by VBSPU, Jaunpur and IED,U.P. on 25th -27th oct,2017.

EVENTS COORDINATED/ORGANIZED/ATTENDED

- **Successfully organized one week faculty development program on Behavioral modeling and use of ICT tools or classrooms delivery of teachers in collaboration with E& ICT Academy IIT Guwahati and Dr. Ambedkar Institute of Technolgy, Bangalore during 19-23 feb 2019.**
- **Five days national workshop on learning by performing through virtual lab during 1st july -5th july 2020.**
- **Five days Faculty development program on E content creation for moocs and moodle organized by IIT Bombay**
- **Coordinated workshop on IOT organized by ICARS, New Delhi.**

Sr. no	Event Type	Topic	Duration	Department
1	WORKSHOP	ROBOTICS ADVANTAGE CONTROL WITH BRAIN WAVE TECHNOLOGY	10-14 MARCH,2019	Dept of ECE
2	WORKSHOP	ROLE OF MATRIX	15-19 MARCH,2019	Dept of ECE
3	WORKSHOP	CAM/CAD	25-29 MARCH,2019	Dept of ME
4	WORKSHOP	5G & INDUSTRIAL TECHNOLOGY	1-6 APRIL,2019	Dept of ECE
5	WORKSHOP	EMBEDED SYSTEM DESIGN	28 MAY-02 JUNE,2019	Dept of ECE
6	WORKSHOP	PYTHON WITH DJANGO FRAME WARK	30 MAY-05 JUNE 2019	Dept of IT
7	WORKSHOP	EMBEDED SYSTEM DESIGN WITH INTERNET OF THINGS	29 MAY-02 JUNE,2019	Dept of ECE
8	WORKSHOP	EMERGING TRENDS IN HIGH FREQUENCY EQUIPMENTS AND ITS APPLICATION	21-25 JULY,2019	Dept of ECE
9	WORKSHOP	ARTIFICIAL INTELLIGENCE IN EDUCATION	27-28 JULY,2019	Dept of IT
10	WORKSHOP	INNOVATION COONVATIVE SKILL AND DESINGN THINKING	13-17 JULY,2019	IET
11	WORKSHOP	NATIONAL WORKSHOP OUTCOME BASED IN EDUCATION	26-30 AUG,2019	IET

		AND NBA ACCREDITATION		
12	WORKSHOP	NATIONAL WORKSHOP ON USAGE OF SOCIAL MEDIA AND ITS SECURITY FEATURES	27-28 SEPT 2019	Dept of IT
13	WORKSHOP	ELECTRICAL VEHICLES NEED & ENVIRONMENT	16-20 OCT, 2019	Dept of EE
14	PDP	TEACHING LEARNING AND ENHANCING THE QUALITY IN TEACHING LEARNING AND RESEARCH	21-25 JULY,2019	Dept of IT
15	NATIONAL CONFERENCE	EMERGING TRENDS IN ENGINEERING AND TECHNOLOGY	2-6 AUG,2019	Dept of IT
16	INTERNATIONAL CONFERENCE	INDUSTRY 4.0	16-20 OCT, 2019	Dept of ECE
17		HACKTHON	17-19 JAN 2020	IET
18	INTERNATIONAL CONFERENCE	INTERNATIONAL CONFERENCE ON SMART INNOVATION IN COMMUNICATION	27-28 FEB 2020	Dept of ECE

PUBLICATIONS

1. **Manisha Yadav**, M.P .Singh, Manisha Manjul, “ **Hash Based Efficient and Securing Routing for Network Communications**”, 8th INDIACoM2014; International Conference "Computing Sustainable Global Development", 5th - 7th March, 2014Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA) available on IEEE Explore.
2. **ManishaYadav**, Sandeep Sharma, Karan Singh, “**Comparison of Various Scheduling Techniques in Real Time Message Transmission**”, IEEE sponsored National Conference on Energy Power and Intelligent Control Systems, 28-29 march, 2014.
3. **Manisha Yadav**, Sandeep Sharma, Karan Singh , "Efficient Key Management in Secure Group Communication in Multicast Networks" in National Conference on Computer Intelligence and Robotics 2014.
4. **Manisha Yadav**, Sandeep Sharma, Karan Singh "A **Approach to Key Management to Secure Group Communications in Multicast Networks**" in 9th national conference on "Smarter Approaches in computing Technologies and Applications 2014".
5. Kumar Jonson, **Manisha Yadav**, O.P. Sangwan, “**Security Testing of Software Applications on Cloud**”, in 9th National Conference on Smarter Approaches in computing Technologies and Applications 2014.
6. **ManishaYadav**, Ajay Shekhar Pandey, Karan Singh, “Key management in efficient and secure group communication.” International conference on emerging Trends in Electrical,

- Electronics and sustainable Energy Systems at KNIT Sultanpur, 11-12 March, 2016 available on IEEE Explore.
7. **Manisha Yadav**, Rajeev Kumar , Karan Singh, Ajay Shekhar Pandey “A Survey paper on security implication on VANET” , Journal of emerging technologies and innovative research (Journal No:63975) & 5.87 Impact Factor Published in Volume 7 Issue 4 , April-2020 | Date of Publication: 2020-04-22, ISSN : 2349-5162.
 8. **Manisha Yadav**, Rajeev Kumar “Effects Of Various Scheduling Techniques In Secure Wireless Multicast Communication” , International Journal of Research and Analytical Reviews , Volume 5, Issue 3, E-ISSN 2348-1269, P- ISSN 2349-5138
 9. **Manisha Yadav**, Rajeev Kumar , “Design and Simulation of Rectangular Waveguide with Multiple Modes at 25 MHZ and Response analysis of the Cut-off Frequencies”, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 9, Issue 5, May 2020, ISSN: 2278 – 909X.
 10. **Manisha Yadav**, Rajeev Kumar, Karan Singh,” Secure Wireless Multicast Communication Using Group Key Management, in 62nd Annual IETE Convention 2019 Industry 4.0 during 28-29 September 2019 organized by IETE & IET.
 11. Ruby, **Manisha Yadav**, Nishant Singh, “Wi MAX model Performance Analysis and Design in Fading Channel”, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 9, Issue 6, June 2020, ISSN: 2278 – 909X.
 12. Shailesh Mishra, **Manisha Yadav**, Nupur Kesarwani, “Design and Implementation of Floating point Vedic Multiplier” International Journal Of Multidisciplinary Educational Research, ISSN: 2277 – 7881 International Scientific Indexing Value : 2.286 Impact Factor : 6.514 Index Copernicus Value : 5.16, Volume 9 , Issue 6(4) June 2020.
 13. Sarvesh Kumar Saroj, **Manisha Yadav**, Shiksha Jain, Ramesh Mishra, “Performance Analysis of Q-Leach Algorithm in WSN” in International Journal of Inventive Engineering and Sciences(TM) ISSN: 2319-9598(Online), Volume-5 ,Issue 10 June 2020, Published by Lattice Science Publication, VoC: 4.
 14. **Manisha Yadav**, Ajay Shekhar Pandey, Karan Singh, “Secure and efficient wireless multicast communication using trust-based key management” in Journal of Discrete

Mathematical Sciences and Cryptography(Scopus/ESCI indexed), Taylor & Francis publication.(accepted)

15. Shailesh Mishra, **Manisha yadav**, Nupur Kesarwani, “Implementation of Floating point Vedic Multiplier by Urdhva Triyagbhyam using VHDL” in International Journal of Research and Development in Applied Science and Engineering(IJRDASE),ISSN:2454-6844, Vol:20 Issue 2, July 2020.

16. Naveen Singh, Sumit Kumar Srivastava, Akash Jaiswal, **Manisha Yadav** ,“Bio-Electronic-Intelligence based sleeping stages classification” Journal of emerging technologies and innovative research (Journal No:23688) & 5.87 Impact Factor Published in Volume 6 Issue 4 , April-2019 ISSN : 2349-5162

17. Akash Jaiswal,Sumit Kumar Srivastava, Naveen Singh, Manisha Yadav, “An overview of technology enhancement in wireless communication systems” Journal of emerging technologies and innovative research (Journal No:23688) & 5.87 Impact Factor Published in Volume 6 Issue 3 , April-2019 ISSN : 2349-5162

DETAIL OF CERTIFICATES:

- Participated in the “**International Conferences of Internetworking for Quality, Reliability and Security**” held at SoICT on 11-13 Jan’ 13, Gautam BuddhaUniversity, Greater Noida.
- Paper presented in 9th national conference on "**Smarter Approaches in computingTechnologies and Applications 2014**".
- Paper presented in 8th INDIA CoM 2014; International Conference on"**Computing forSustainableGlobal Development**", 5th7th March, 2014 BharatiVidyapeeth Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).
- Paper presented in IEEE sponsored national conference on “**Energy Power and Intelligent Systems**”, 28-29 march, 2014.
- Paper presented in International conference on emerging Trends in Electrical, Electronics and sustainable Energy Systems at KNIT Sultanpur, 11-12 March, 2016.
- Paper presented on “**Key management in efficient andsecure group communications**” in National conference on computer intelligence and robotics, 4th -5th Mar’ 15 at ABES Engg. College, Ghaziabad

- Paper Presented in international Conference International Conference on **Networks and Cryptology (Net Crypt 2019) organized by Jawahar Lal Nehru University, New Delhi.**
- Paper presented in 62nd Annual IETE Convention 2019 Industry 4.0 during 28-29 September 2019 organized by IETE & IET Ayodhya.
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- Participated in “**Conference of Cloud Computing**” in Gautama Buddha University.
- Attended workshop on “**Scientific writing using LATEX**” on 5th oct’ 13 organized by “Department of Mathematics, School of vocational studies and applied science”, held at Gautam Buddha University, Greater Noida, U.P.
- Successfully participated in two days workshop on PCB Design & Robotics “**ROBO AGE 2013**” organized by CETPA at Gautam Buddha University, Greater Noida on 17th April 2013.
- Attended Faculty Development Program on “Research Methodology Using Data Analytical Tools” from January 11 to 22, 2016 at Department of Mechanical Engineering, KNIT Sultanpur.
- Attended Faculty Development Program organized by Center of Technology & Entrepreneurship Development, Amethi, Jagdishpur, U.P. Sponsored by DST, NEW DELHI, at Prasad institute of technology, Jaunpur on 17/07/2015 to 30/07/2015.
- Successfully participated in “National Conference on Emerging Trends in Engineering & Technology (NCETET-2019)” 27-28th July, 2019 organized by Department of Information Technology, Institute of Engineering & Technology, Dr. R L Avadh University, Ayodhya-224001, U. P., India.
- Attended one week Faculty Development Program on “Enhancing The Quality In Teaching Learning & Research ” organized by department of Information Technology, Institute of Engineering & Technology, Dr. R L Avadh University, Ayodhya-224001, U. P., India. on 21-25 July, 2019.
- Attended one week Faculty Development Program on “Machine Learning in IoT: Implementation and Use Cases” organized by Department of Computer Science and Engineering, Institute of Engineering & Technology, Dr. R L Avadh University, Ayodhya-224001, U. P., India. on 24-28 June, 2019.
- Successfully participated in the “Professional Development Training” organized by IIM Udaipur as a part of TEQIP-III from June 10 to 14, 2019 at Udaipur.

- Successfully participated in one week workshop on “Embedded System Design & IoT” from 09-15 October, 2018 organized by the department of Electronics and Communication Engineering, Dr. Ambedkar Institute of Technology, under the twinning activities of TEQIP-III.
- Successfully organized National workshop on “Growth of Science and Technology in the Campus of Purvanchal University” sponsored by TEQIP-III, September 08-10, 2017 as coordinator of Printing Committee.
- Attended one week Faculty Development Program on “Role of Matrix Laboratory (MATLAB) in Advance Communication” organized by Department of Electronics and Communication Engineering, Institute of Engineering & Technology, Dr. R L Avadh University, Ayodhya-224001, U. P., India. on 15-19 March, 2019.
- Organized as Convener one week Faculty Development Program on “Role of Matrix Laboratory (MATLAB) in Advance Communication” organized by Department of Electronics and Communication Engineering, Institute of Engineering & Technology, Dr. R L Avadh University, Ayodhya-224001, U. P., India. on 15-19 March, 2019.
- Attended one week Faculty Development Program on “Recent advancements in Communication & Photonics” organized by Department of Electronics and Communication Engineering, UNSIET, VBSPU, Jaunpur under the aegis of TEQIP-III on July 08-12, 2019.
- Organized as Convener one week workshop on “Robotics Advance Control with Brainwave Technology ” organized by Department of Information technology, Institute of Engineering & Technology, Dr. R L Avadh University, Ayodhya-224001, U. P., India. on 10-14 March, 2019 under the aegis of TEQIP-III.
- Successfully participated and organized one week workshop on “Embedded System Design & IoT” from 09-15 October, 2018 organized by the department of Electronics and Communication Engineering, Dr. Ambedkar Institute of Technology, under the twinning activities of TEQIP-III.
- Workshop on AICTE Model curriculum
- One week National workshop on AWS Cloud Technology organized by Shri Mata Vaishno Devi University, Katra, Jammu on 07-11 sept 2019.
- One week workshop on Embedded system and IOT organized by Dr. Ambedkar Institute of Technology, Bengaluru on 09-15 th oct 2018.

OTHER DISTINCTIONS

- Successfully Completed 4 weeks training from B.S.N.L, Faizabad in June 2011.
- Experienced practical exposure of one month in ITI Ltd. Mankapur in mobile communication, Electronic switching & manufacturing.
- 4 weeks hand on training in embedded system from "Quarbtz Technologies, Lucknow."

- 3rd place in "Electronics model exhibition in IIPC TECH- FEST" held at Feroze Gandhi Institute of Engg. And Technology, Raebareli in yr.2010.
- Badminton singles champion in yr. 2009 at institute level.
- Second prize in science exhibition in science club at district level in 2009.
- Active participation in "Debates & Speech Competitions" and also secured various positions at college as well as district level.
- Served as a " Red Cross Organization Worker" from 2003 to 2006.
- Various prizes received in singing and mimicry competition.

PERSONAL PROFILE

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|---------------------|---|---|
| ▪ Name | : | Manisha Yadav |
| ▪ Father's Name | : | Chanchal Kumar Yadav |
| ▪ Date of Birth | : | 12 th October 1993 |
| ▪ Marital Status | : | Married |
| ▪ Nationality | : | Indian |
| ▪ Permanent Address | : | Vill-Ghuripur, Post-Gurbari, Tahseel- Shahganj, |
| | | District- Jaunpur, - 223103 |
| ▪ Languages Known | : | English, Hindi |

DECLARATION

I hereby declare that all the information given above is correct as per my knowledge.

Place:

Date:

(MANISHA YADAV)