

## ASTHA SINGH KUSHWAHA

CONTACT NO: +918423277275

EMAIL ID: [sastha75@gmail.com](mailto:sastha75@gmail.com)  
[astharmlau@gmail.com](mailto:astharmlau@gmail.com)



### OBJECTIVE

To work in a firm with a professional work driven environment which can utilize me and apply my knowledge to the best of my skills for me to learn and grow while fulfilling organizational goals.

### SCHOLASTIC RECORDS

Course	Discipline	School / College	Board / University	Year of Passing	%
M.Tech.	Electronics & Communication Engineering	Babu Banarasi Das University, Lucknow	Babu Banarasi Das University, Lucknow	2016-2018	68.50%
B.Tech	Electronics & Communication Engineering	Institute of Engineering & Technology	Dr. Rammanohar Lohia Avadh University, Ayodhya	2011-2015	76.64%
XII	Physics, Chemistry, Maths, English, Computer Sci.	Janta Inter College, Ambedkarnagar	State Board	2011	68.60%
X	Science, Math, Computer Sci., English, Hindi, S. St.	S.V.M.H.SS Ramnagar, Faizabad	State Board	2009	60%

## **PROFESSIONAL SKILLS**

Language Known: C, C++

Operating Systems: Microsoft Windows (All Versions)

Software Packages: EMBEDDED SYSTEM, MATLAB.

## **TRAINING PROGRAM**

**Organization:** Hindustan Aeronautics Limited (HAL), Lucknow (UP).

**Duration:** 31 days.  
Maintenance and Development

## **WORK EXPERIENCE**

**INSTITUTE OF ENGINEERING & TECHNOLOGY, DR. R M L AVADH UNIVERSITY, FAIZABAD**

- Duration: 28 FEBRUARY, 2019 TO PRESENT
- WORKED AS A GUEST LECTURER IN DEPTT. OF ECE.

## **Dissertation**

- **M. Tech. Project:**  
“PERFORMANCE ANALYSIS OF MULTI HOP RELAY NETWORK IN RAYLEIGH FADING CHANNEL”.
- **B. Tech Project**  
“METRO BUS USING GSM”

## **OTHER ACADEMIC INVOLVEMENTS**

- Have been the coordinator of “Outcome based education & NBA Accreditation for program” organized by Institute of Engineering & Technology, Dr Rammanohar Lohia Avadh University, Ayodhya during 02-06 August, 2019.

- Have been the convener of “Techno Science Exhibition” organized by Institute of Engineering & Technology, Dr Rammanohar Lohia Avadh University, Ayodhya during 02 February, 2020.
- Awarded the NPTEL Online Certification for passing the course “Integrated Circuits, MOSFETs, OP-Amps and their Applications” conducted by IISc Bangalore, Jan-Apr 2020.
- Was the Member of Organizing Committee 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 Committee 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 the following Workshops, FDPs:

<u>S. No.</u>	<u>Program Name</u>	<u>Topic Name</u>	<u>Duration</u>	<u>Department</u>
<u>1.</u>	<u>Workshop</u>	<u>ROBOTICS ADVANTAGE CONTROL WITH BRAIN WAVE TECHNOLOGY</u>	<u>10-14 March,2019</u>	<u>Dept of ECE</u>
<u>3.</u>	<u>Workshop</u>	<u>ROLE OF MATRIX</u>	<u>15-19 March,2019</u>	<u>Dept of ECE</u>
<u>4.</u>	<u>Workshop</u>	<u>CAM/CAD</u>	<u>25-29 March,2019</u>	<u>Dept of ME</u>
<u>5.</u>	<u>Workshop</u>	<u>5G &amp; INDUSTRIAL IOT</u>	<u>1-6 April,2019</u>	<u>Dept of ECE</u>
<u>7.</u>	<u>Workshop</u>	<u>EMBEDED SYSTEM DESIGN</u>	<u>28may-02 June,2019</u>	<u>Dept of ECE</u>
<u>8.</u>	<u>Workshop</u>	<u>PYTHON WITH DJANGO FRAME WORK</u>	<u>30may-05 June,2019</u>	<u>Dept of IT</u>

9.	<u>Workshop</u>	<u>EMBEDDED SYSTEM DESIGN AND INTERNET OF THINGS</u>	<u>28may-02 June,2019</u>	<u>Dept of ECE</u>
11.	<u>Workshop</u>	<u>INNOVATION COGNATIVE SKILL AND DESIGN THINKING</u>	<u>13 to 17 July, 2019</u>	<u>IET</u>
12.	<u>FDP</u>	<u>TEACHING LEARNING AND ENHANCING THE QUALITY IN TEACHING LERNING AND REASEARCH</u>	<u>21 to 25 July, 2019</u>	<u>Dept of IT</u>
13.	<u>Workshop</u>	<u>EMERGING TRENDS IN HIGH FRIQUENCY EQUIPMENTS AND ITS APPLICATIONS</u>	<u>21 to 25 July, 2019</u>	<u>Dept of ECE</u>
14.	<u>Workshop</u>	<u>ARTIFICIAL INTELLIGENCE IN EDUCATION</u>	<u>21 to 25 July, 2019</u>	<u>Dept of IT</u>
15.	<u>National conference</u>	<u>EMERGING TRENDS IN ENGINEERING AND TECHNOLOGY</u>	<u>27 to 28 July,2019</u>	<u>Dept of IT</u>
16.	<u>Workshop</u>	<u>NATIONAL WORKSHOP OUTCOME BASED IN EDUCATION AND NBA ACCREDIATION</u>	<u>2 to 6 Aug,2019</u>	<u>IET</u>
17.	<u>Workshop</u>	<u>NATIONAL WORKSHOP ON USAGE OF SOCIAL MEDIA AND ITS SECURITY FEATRES</u>	<u>26 to 30 Aug,2019</u>	<u>Dept of IT</u>
18.	<u>International Conference</u>	<u>Industry 4.0</u>	<u>27 to 28 Sept 2019</u>	<u>Dept of ECE</u>
19.	<u>Workshop</u>	<u>Electrical Vehicles need &amp; Environment</u>	<u>16-20 Oct 2019</u>	<u>Dept of EE</u>
21.	-	<u>HACKATHON</u>	<u>17 to 19 Jan 2020</u>	<u>IET</u>

<u>22.</u>	<u>INTERNATIONAL CONFERENCE</u>	<u>3<sup>rd</sup> INTERNATIONAL CONFERENCE ON SMART INNOVATION IN COMMUNICATION AND COMPUTATIONAL SCIENCE (ICSICCS – 2020)</u>	<u>27 to 28 Feb 2020</u>	<u>Dept of IT</u>
<u>23.</u>	<u>AICTE Sponsored ATAL-FDP</u>	<u>BLOCKCHAIN</u>	<u>01 to 05 Dec 2020</u>	
<u>24.</u>	<u>AICTE Sponsored ATAL-FDP</u>	<u>Internet of Things</u>	<u>14 to 18 Dec 2020</u>	

- Have been doing the invigilation duties of different State-level examinations like B. Ed., UPSEE, etc.

### CONFERENCES, WORKSHOPS, FDPs, STCs

- **Astha singh kushwaha** and Ankit Dalela (2018) “Performance analysis of multi hop relay network in Rayleigh Fading Channel” International Journal of Advance Engineering and Research Development (Impact Factor 5.71) Volume 5, Issue 04, April-2018
- **Astha singh kushwaha** and Ankit Dalela (2018) “BER analysis of multi hop relay network in Rayleigh Fading Channel” International Journal of Advance Engineering and Research Development (Impact Factor 5.71) Volume 5, Issue 05, May-2018.
- A paper on “A Survey on wireless Sensor Network” in Inter-National Conference On 62th Annual IETE Convection 2019 INDUSTRY 4.0 during 28-29<sup>th</sup> September 2019 organized by IETE & IET, Dr. Rammanohar Lohia Avadh University Ayodhya.
- A paper on “Improvising and Characterizing Energy Consumption in Cloud Environments” in Inter-National Conference On 62th Annual IETE Convection 2019 INDUSTRY 4.0 during 28-29<sup>th</sup> September 2019 organized by IETE & IET, Dr. Rammanohar Lohia Avadh University Ayodhya.
- A Paper on “**Wireless Sensor Networks Localization Algorithms: A Comprehensive Survey**” in Inter-National Conference On 62th Annual IETE Convection 2019

INDUSTRY 4.0 during 28-29<sup>th</sup> September 2019 organized by IETE & IET, Dr. Rammanohar Lohia Avadh University Ayodhya.

- A Paper on “**An Efficient Approach to Restore Actor-Actor Connectivity in Wireless Sensor and Actor Networks**” in Inter-National Conference On 62<sup>th</sup> Annual IETE Convection 2019 INDUSTRY 4.0 during 28-29<sup>th</sup> September 2019 organized by IETE & IET, Dr. Rammanohar Lohia Avadh University Ayodhya.
- A Paper on “**A Review on Exterior Bound Alloted Advanced Node Distribution for Energy Efficient Clustering (EBAN DEEC) Protocol**” in IJRDAE Volume 20, Issue 2, 2020.
- A Paper on “**A Review on Exterior Bound Alloted Advanced Node Distribution for Energy Efficient Clustering (EBAN DEEC) Protocol in WSN**” in IJRDAE Volume 20, Issue 2, 2020.
- Participated in National Seminar on “Significant Role of E-education through Social Distancing During Lockdown of Covid-19 Pandemic” organized by Institute of Engineering & Technology, Dr. Rammanohar Lohia Avadh University, Ayodhya 8-9 April, 2020.
- Participated in the National Webinar on “Challenges and Prospects in Higher Education in Global Pandemic” organised by Bareilly College, Bareilly 10 May, 2020.
- Attended the online FDP on “Intellectual Property Rights” organized by Sharda University 11-15 May, 2020.
- Participated in the National Webinar on “Exploring and Understanding The Role Of Media During COVID-19” jointly organized by Deptt. Of Mass Communication and VBS Purvanchal University, Jaunpur in Collaboration with PR NITI on May 17, 2020
- Attended the online FDP on “Research Methodology: Tools and Techniques” organized by IILM College of Engineering & Technology 18-22 May, 2020.
- Certification on 8-week Active Learning Program by Enrolling Course on “Creating Open Source Cloud based Gnomio MOODLE of ypur own subject for OBE” on May to June 2020.
- Participated in the online webinar on “Science & Technology Education for the new Prospereous, Happy and Healthy India” organized by IEEE ASCET 28<sup>th</sup> May 2020.
- Participated in the Online Webinar on “Virtual Labs” jointly organized by Kali Charan Nigam Institute of Technology, Banda on June 5, 2020.
- Participated in the online webinar on “Real Time Modeling & Control of Energy Systems And Devices” jointly organized by JSS Academy of Technical Education, NOIDA Deptt. Of EEE on 11 & 12 June 2020.
- Participated in the Online Webinar on “Insights into Nano Technology” jointly organized by Deptt. of ECE Dr. AIT, Bangalore and IET, Dr. R.L.A.U. Ayodhya on August 6, 2020.
- Participated in the online webinar on “Towards Resilient AI systems Challenges and Pitfalls” organized by IEEE Circuits and Systems(CAS) Society Bangalore Chapter in Association with IEEE Bangalore Section on 25<sup>th</sup> September 2020.

- Participated in **AICTE sponsored ATAL FDP on “Internet of Things”** in 14-18 Dec 2020.

## **ACHIEVEMENTS**

- Co-ordinator of “**AICTE Sponsored ATAL FDP on BLOCKCHAIN**” during 01-05 December, 2020.
- 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 24<sup>th</sup> October, 2019 & 14<sup>th</sup> November, 2020.
- I have created E-Content of “**5G and INDUSTRIAL IOT**” and “**INTERNET OF THINGS**”.
- I have created E-Content of “**Wavelets and Multi-resolution Processing**”.

## **INTERESTS AND HOBBIES**

- Listening to songs.
- Cooking
- Playing Badminton, football.

## **PERSONAL DETAILS**

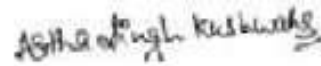
Father's Name : Mr. Bhimal Maurya  
Mother's Name : Smt. Lilawati Kushwaha  
Date of Birth : 22<sup>nd</sup> June, 1994  
Marital status : Unmarried  
Nationality : Indian.  
Blood Group : O+  
Address : D/o Mr. Bhimal Maurya, Hanumat nagar, Janaura, faizabad (Ayodhya)  
City : Faizabad  
State : Uttar Pradesh

Pin Code : 224001

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

## DECLARATION

I do hereby declare that the above information is correct to the best of my knowledge.



Place: Faizabad (Ayodhya)

Signature