

CURRICULUM – VITAE

Mr. ANKUR SRIVASTAVA

Assistant Professor (Guest Faculty)
Dr. Ambedkar Institute of Technology for Divyangjan, Kanpur
Pin-208005
Uttar Pradesh



Email-id- srivastavaankur71@gmail.com, 210306003@hbtu.ac.in

Contact No- 6387996280, 9620057030

Research Gate- <https://www.researchgate.net/profile/Ankur-Srivastava-13>

LinkedIn Profile: <https://www.linkedin.com/in/ankur-srivastava-1b05ab55/>

Objective:

To pursue my career as a Professor/Scientist in a globally recognized R&D Institute and to work with sincerity and determination that Encourages Innovations and Creativity in Teaching and Research.

Short Introduction:

- Ph.D. (Pursuing) from Harcourt Butler Technical University (H.B.T.U.) Kanpur in RF & Microwave Engineering (Research Area- RF Energy Harvesting).
- Master's in Engineering (M.E.) in Communication Engineering from BITS Pilani, Pilani Campus [2019].
- UGC NET in Electronic Science (Assistant Professor), (2021) and (2018) Qualified.
- Five years of Teaching experience in Electronics and Communication Engineering for undergraduate (B. Tech).
- Three years Four months of Industrial Experience in Aeronautical Development Agency (ADA), Bangalore, Ministry of Defence, Government of India as a Project Assistant.
- Scored All India Rank (AIR) – 4577 in GATE 2021 and Qualified National Science Talent Search Examination (NSTSE) in 2003, scoring All India Rank (AIR) – 4263.

Educational Qualification:

Qualification	School/College	University/Board	Period	Percentage/CGPA
Ph.D. (Pursuing)	H.B.T.U. Kanpur	Harcourt Butler Technical University (HBTU), Kanpur	2022-Ongoing	
Master in Engineering (M.E) (Communication Engineering)	B.I.T.S. Pilani	Birla Institute of Technology and Science (BITS) Pilani, Pilani Campus	2017-2019	7.36/10
Bachelor of Technology(B.Tech) Electronics & Communication Engineering	Inderprastha Engineering College (I.P.E.C), Ghaziabad	Gautam Buddha Technical University (G.B.T.U)	2008-2012	71.3%

Teaching Experience: Five years of Teaching Experience as follows: -

Dr. Ambedkar Institute of Technology for Divyangjan , Kanpur (U.P.)
(Assistant Professor (Guest Faculty), Electronics Engineering)

(Oct 2020- Present)

- Taught undergraduate courses in the Electronics and Communication Department and to first-year students.
- Worked as Project Supervisor for Final year Project and Third year Mini Project.
- Worked as a Class Coordinator for Third-year students and took their GATE Classes.
- Worked as a Lab In charge for the Integrated Circuit Lab and Basic Electronics Lab.
- Worked as an active member during NBA Accreditation Visit in the Department.

PSIT College of Engineering, Kanpur (U.P)
(Assistant Professor, Electronics Engineering)

(July 2019- July 2020)

- Taught undergraduate courses in the Electronics and Communication Department.
- Mentored final-year students for Placement Activities.
- Worked as a Lab Coordinator and departmental website Coordinator for six months.
- Worked as a Member of the Anti-Ragging squad.

Industrial/Research Experience:

Cirel Systems Private Limited, Bangalore (Karnataka)
(Intern, Si Validation and Application)

(Jan 2019- June 2019)

- Studied Different Fuel Gauging Algorithms for estimating the state of charge of Li-Ion Batteries through a Literature Survey.
- Proposed a new in-direct Fuel Gauge Algorithm Technique based on Neural Networks and Kalman Filtering.
- Simulated the Kalman Filtering Algorithm in MATLAB.

Aeronautical Development Agency (ADA), Bangalore (Karnataka)

(March 2014- July 2017)

(Project Assistant, Integrated Flight Control System Department, Ministry of Defense, Govt. of India)

- Involved in Research and Development of Light Combat Aircraft (LCA) Tejas.
- Involved in Qualification Testing and Environment Stress Screening Test of LCA Tejas.
- Involved in Coordinated Meetings with vendors.

Summer Internship:

- About 1-month internship (27 June 2011-23 July 2011) in **Hindustan Aeronautics Limited (HAL, Kanpur)** which involves learning about different types of Communication and Navigation Equipment used in Aircraft.

Academic Project Completed:

S.No	Project Name	Institute	Session
1	Dual Feed RF Coupler Design	BITS Pilani, Pilani Campus	2017-18
2	Design of Dipole Antenna for LTE Application	BITS Pilani, Pilani Campus	2017-18
3.	Design of Log Periodic Antenna for LTE Application	Inderprastha Engineering College, Ghaziabad.	2011-12

Research Interests:

- RF and Microwave Engineering
- Antenna Design and Analysis.
- RF Systems
- Microwave Integrated Circuits
- Microwave Antennas

Research Activities: *(FDP/STC/ Expert Lectures/ Workshops/ Conferences etc.)*

S.No	Category	Activity	Organizer/ University/ College	Place and Date
1.	Workshop (Attended)	DRDO Sponsored Workshop on Metamaterial Antennas & Applications	IIT Kanpur	Kanpur (18th- 20th April 2025)
	e-STC	Next Generation RF to THz Devices for Wireless Communication and other Applications	NIT Hamirpur	Online (2 nd – 6 th May 2024)
2	Symposium (Attended)	Symposium on Antenna and Microwaves (SAM 2024)	IIT Kanpur	Kanpur (19th-21st April 2024)
3	Workshop (Attended)	International Workshop on RF and Microwave Components	VIT University, Vellore	Online (17th – 23rd May 2023)
4	STC (Attended)	5G and Beyond: What is next?	IIT Kanpur	IIT Kanpur (12th – 14th December 2022)
5	Workshop (Attended)	Recent Development in the field of Electronics (RDFE-2022)	University of Delhi	Online (25th – 29th July 2022)
6	e-STC	Recent Innovation in RF and Microwave Engineering for Wireless Communications	NIT Hamirpur	Online (12 th – 16 th May 2022)
7	Expert Lecture (Attended)	“RFIC: Design, Challenges, and Opportunities towards Wireless Applications” by Dr. Sandeep Kumar	MNIT Jaipur	Online (31 st May 2022)
8	Expert Lecture (Attended)	“Emerging Trends in Telecom 5G and Beyond” by Er. Ved Prakash Tiwari, SDE, BSNL, Kanpur	Dr. A.I.T.H. Kanpur	Kanpur, (18 th Nov 2021)
9	FDP	Data Analytics with Python	IIT Kanpur	Kanpur, (7 th Sept-11 th Sept 2022)
10	Expert Lecture (Attended)	“5G Antenna” by Dr. K.V. Srivastava, IIT Kanpur	PSIT College of Engineering, Kanpur	Kanpur, (25 th Feb. 2020)
11	Expert Lecture (Organized)	“Current Trends in Semiconductor” By Dr. Amit Verma, IIT Kanpur	PSIT College of Engineering, Kanpur	Kanpur, (20 th Nov 2020)
12	Expert Lecture (Attended)	“IOT Communication with Long Range Wide Area Network” by Dr. Ketan Rajawat, IIT Kanpur.	PSIT College of Engineering, Kanpur	Kanpur (2 nd March 2020)

Extra- Curricular Activities: (Social/ Cultural/ Examination)

S.No	Category	Activity	Organizer/ University/ College	Place and Date
1	Examination	As an External Lab Examiner for the Electronics Lab	Uttar Pradesh Textile Technology Institute (UPTTI), Kanpur	Kanpur, (July 2024- Jan 2025)
2	Examination	As an External Lab Examiner for the Electronics Lab	Uttar Pradesh Textile Technology Institute (UPTTI), Kanpur	Kanpur, (Jan 2024- July 2024)
3	Examination	As an External Lab Examiner for Digital Communication Lab	PSIT, Kanpur	Kanpur Aug 2021- Dec 2021
4	Examination	As an External Lab Examiner for the Electronics Lab	Uttar Pradesh Textile Technology Institute (UPTTI), Kanpur	Kanpur, (Feb 2023- May 2023)
5	Examination	Evaluator in University Exams	Dr. Ambedkar Institute of Technology for Handicapped, Kanpur	Kanpur, (Aug 2022 – Sept 2022)
6	Examination	As an External Lab Examiner for the Electronics Lab	Uttar Pradesh Textile Technology Institute (UPTTI), Kanpur	Kanpur, (April 2022- July 2022)
7	Examination	As an External Lab Examiner for the Electronics Lab	Uttar Pradesh Textile Technology Institute (UPTTI), Kanpur	Kanpur, Aug 2021- Dec 2021
8	Examination	As an External Lab Examiner for Electronics Lab	PSIT, Kanpur	Kanpur Aug 2021- Dec 2021
9	Examination	Worked as an Invigilator in Abdul Kalam Technological University (AKTU) Examination	Axis Institute of Technology & Management	Kanpur Dec 2020- Jan 2021
10	Social	Worked as an Exhibitor at Aero India Show in 2015 held in Bengaluru.	Ministry of Defense, Govt. of India	Bengaluru (Feb 2015)

Hobbies: Reading Books, Cricket, Nature-walk, Bird Watching

Declaration: I hereby declare that the above-mentioned information is correct to my knowledge.

Place: Kanpur (U.P.)

(Ankur Srivastava)