




JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Electronics & Communication Engineering.



FACULTY PROFILE

1. Personal Details

| | | |
|---------------------------|---|---|
| NAME | RAKESH KUMAR |  |
| DEPARTMENT | ELECTRONICS AND COMMUNICATION ENGINEERING | |
| DESIGNATION | ASSISTANT PROFESSOR | |
| PHONE | 9873756695 | |
| EMAIL ID | rakesh.kumar@jssaten.ac.in | |
| Date of Joining (JSSATEN) | 01/07/2021 | |

2. Experience

| | | | |
|-------------------------------|--------------|----------------|---------------|
| Total Experience in Years: 07 | Teaching: 07 | Industry: - 00 | Research: -00 |
|-------------------------------|--------------|----------------|---------------|

3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|-----------|---|---------------|---|---------------------------------------|
| B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | 2009 | Technocrats Institute of Technology, Bhopal | R.G.P.V(Bhopal) |
| M.Tech. | RF AND MICROWAVE ENGINEERING | 2013 | Ambedkar Institute of Advanced Communication Technologies & Research, (Govt. of NCT of Delhi) New Delhi | G.G.S.Indraprastha University (Delhi) |
| Ph.D. | RF AND MICROWAVE ENGINEERING | Pursuing | Delhi Technical University, Delhi | Delhi Technical University, Delhi |
| Post Doc. | - | - | - | - |

4. Research & Publications

| | | |
|---|-------------------|--------------|
| Papers Published in Web of Science indexed Journals | International: 00 | National: 00 |
| Papers Published in SCOPUS indexed Journals | International: 00 | National: 00 |
| Papers Published in other Journals | International: 02 | National: 00 |
| Papers Presented in Conferences / Symposium | International: 02 | National: 01 |
| Books / Book chapters Published | - | |

5. Research Guidance

| | | |
|------------------------------------|-----------------------------|---|
| PhD Guide? Give field & University | No | University: NIL |
| PhDs / Projects Guided | Ph.D. Awarded: Guiding: NIL | Projects at Master's Level: -01 Projects at Bachelor's Level: 12 |

6. Grants

i. Funds Received (Projects)

| Project Name | Grant Amount | Date of receiving the Grant | Duration in Years | Grant issuing authority/ Body / Organization |
|--------------|--------------|-----------------------------|-------------------|--|
| - | - | - | - | - |
| - | - | - | - | - |

ii. Patents

| Sl. No. | Title Details | Details of award of patent / Filed |
|---------|---------------|------------------------------------|
| 1 | - | - |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |

iii. Consultancy

| Title of the work | Amount in Rs. | Date of receiving the Grant | Duration | Grant issuing authority/ Body / Organization |
|-------------------|---------------|-----------------------------|----------|--|
| - | - | - | - | - |

7. Awards Received

| | |
|--------------------------------------|---|
| Awards “Best Paper Award” | - |
|--------------------------------------|---|

8. Publications

i. International Journals

| Sl. No | Title of the paper | Name(s) of Author(s) | Name of the Journal | Volume No. Issue No. Year | WOS / Scopus / Both | Impact Factor | Publisher |
|---------------|---|-----------------------------|--|---|----------------------------|----------------------|------------------|
| 1 | “Dual Band Microstrip Antenna using Shorted Metallic Patches” | Manisha Gupta, Rakesh Kumar | Communications on Applied Electronics (CAE) | Volume 7 – No. 9,2017 | Scopus | - | CAE |
| 2. | “Wideband Multi-Polarized Microstrip Patch Antenna for Wireless Communication.” | Manisha Gupta, Rakesh Kumar | International Journal of Computer Applications | (0975 – 8887).Volume 173 – No.6, September 2017 | Scopus | 3.12 | IJCA |

ii. National Journals

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Journal | Volume No. Issue No. Year | WOS / Scopus / Both | Impact Factor | Publisher |
|---------|--|--------------------------------------|--|---------------------------|---------------------|---------------|-----------|
| 01 | “Evolution And Recent Research In Parametric Representations Of Speech Features For Automatic Speaker Recognition” | Mangal Das ,Rakesh Kumar,Abhay Goyal | National Conference on Broadband and Optical fiber communication | 2015 | - | - | - |

iii. Conferences

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Conference | Volume No. Issue No. Year | WOS / Scopus | Impact Factor | Publisher |
|---------|---|--|---|---------------------------|--------------|---------------|-----------|
| 1 | “Design of High Gain, Twin-band Antenna with CSRR for 5G Applications,” | Rakesh Kumar,Asok De | 2022 IEEE Silchar Subsection Conference (SILCON) | 2022 | Scopus | - | IEEE |
| 2 | “A triple band stacked patch antenna with slotted ground structure,” | Krishnkant Gupta,Abhay goyal, Rakesh Kumar | 1st International conference on futuristic trend in computational analysis and knowledge management (ABLAZE 2015) | 2015 | Scopus | - | IEEE |

iv. Workshops /Conferences Attended

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---------|--|-----------------|-------------------------|
| 1 | Two-week Faculty Development Program on "Integration of WSN & IOT for Agriculture" Sponsored by the AICTE Training and Learning Academy. | JSSATE,Noida | 02.01.2023 – 13.01.2023 |
| 2 | Three Day Faculty Development Program on " Artificial Intelligence” | JSSATE,Noida | 21.12.2022 – 23.12.2022 |
| 3 | One-week STC on " Arduino based system | JSSATE,Noida in | 20.06.2022 – |

| | | | |
|----|--|---|--------------------------|
| | design using Tinker CAD free simulator through ICT” | collaboration with NITTTR, Chandigarh | 24.06.2022 |
| 4 | One-week STC on " Trends in Innovation, Design Thinking & IPR through ICT” | MIT,Moradabad | 30.05.2022 – 03.06.2022 |
| 5 | One-week STC on " Cyber Crime and Forensic Tools through ICT” | JSSATE,Noida in collaboration with NITTTR, Chandigarh | 23.05.2022 – 27.05.2022 |
| 6 | One-week STC on " Cryptography for information Security through ICT” | JSSATE,Noida in collaboration with NITTTR, Chandigarh | 09.05.2022 – 13.05.2022 |
| 7 | One-week Faculty Development Program on "Computational Techniques for Electromagnetics” | DTU,Delhi | 27.11.2021-31.12.2021 |
| 8 | One-week Faculty Development Program on "Emerging Technologies in the field of RFand IoT” | HMRITM,Delhi | 22.03.2021-26.03.2021 |
| 9 | One-week Faculty Development Program on "ICT Tool for Teaching, Learning Process & Institutes” | ABESEC,Ghaziabad | 13.01.2020 - 17.01.2020 |
| 10 | One-week STC on "Self configured Wireless Sensor Network through ICT” | ABESEC,Ghaziabad in collaboration with NITTTR, Chandigarh | 30.07.2018 – 03.08.2018 |
| 11 | One-week Faculty Development Program on "Recent Advances in Linear Integrated Circuits” | ABESEC,Ghaziabad | 04.06.2018 - 08.06.2018 |
| 12 | One-week Faculty Development Program on "Recent Advances in Wireless And Mobile Communication” | ABESEC,Ghaziabad | 16.04.2018 – 20.04.2018 |
| 13 | One-week Faculty Development Program on "Outcome Based Education & Accrediation” | ABESEC,Ghaziabad | 15.01.2018 – 19.01.2018 |
| 14 | Two day Seminar on “Recent trends in VLSI and its applications” | ABESEC,Ghaziabad | 10.11.2017 – 11.11.2017 |
| 15 | One-week STC on " Wireless and Mobile Communication through ICT” | ABESEC,Ghaziabad in collaboration with NITTTR, Chandigarh | 30.10.2017 – 03.11.2017 |
| 16 | One-week Faculty Development Program on "VLSI for Signal Processing and Communication” | ABESEC,Ghaziabad | 12.06.2017 – 16.06.2017 |
| 17 | One-week STC on "Research Methodology through ICT” | ABESEC,Ghaziabad in collaboration with NITTTR, Chandigarh | 09.01.2017 – 13.01.2017 |
| 18 | One-week short term Training Program on “Project Development Skills using Arduino” | ABESEC,Ghaziabad | 19.07.2016 – 23.07.2016 |
| 19 | Three day Hands on Workshop on “Embedded System Design Using MSP 430” | JSSATE, Noida | 08.09.2016 – 10.09.2016. |
| 20 | Two Days Seminar on” Intellectual Property Rights:Role & Importance in ICT & Electronics” | ABESEC,Ghaziabad | 22.07.2016 – 23.07.2016 |

| | | | |
|----|---|--|-------------------------|
| 21 | One-week STC on "VLSI Design through ICT" | ABESEC, Ghaziabad in collaboration with NITTTR, Chandigarh | 05.10.2015 – 09.10.2015 |
| 22 | One-week STC on "GSM to 3G through ICT" | ABESEC, Ghaziabad in collaboration with NITTTR, Chandigarh | 16.03.2015 – 20.03.2015 |

v. Workshops / Conference (Organized)

| Sl. No. | Name of the workshop / Conference | Organized by | Date | Role |
|---------|--|-------------------|-----------------------|----------------------|
| 1 | Organised one week Faculty Development Program on "VLSI for signal Processing and Communication" | ABESEC, Ghaziabad | 12.06.2017-16.06.2017 | Organizing Committee |
| 2 | 3 rd IEEE International conference on computational Intelligence & communication Technology | ABESEC, Ghaziabad | 09.02.2017-10.02.2017 | Organizing Committee |
| 3 | 3 rd IEEE International conference on computational Intelligence & communication Technology | ABESEC, Ghaziabad | 09.02.2017-10.02.2017 | Reviewer |
| 4 | National conference on Broadband & Optical Fiber Technologies" | ABESEC, Ghaziabad | 13.03.2015-14.03.2015 | Organizing Committee |

vi. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---------|---|-------------------|-----------------------|
| 1 | Attended in "National Conference on Broadband & Optical Fiber Technologies" | ABESEC, Ghaziabad | 13.03.2015-14.03.2015 |

9. Details of NPTEL / COURSERA courses completed

| Sl. No. | Name of the subject | Organized by | Date of completion / Award | Grade / Marks |
|---------|---------------------------------|--------------|----------------------------|---------------|
| 1 | Microwave theory and techniques | NPTEL | October, 2018 | Elite |
| 2 | Antennas | NPTEL | April, 2019 | Elite+silver |
| 3 | Digital Circuits | NPTEL | October, 2019 | Elite |

10. Membership of Professional Bodies:

| |
|---|
| Institute of communication Engineers and information Technologists(ICEIT) |
|---|

11. Any other information you will like to share about your professional experience

UGC NET Qualified in June-2014 from Electronics science, GATE 2013 & 2011 qualified with 94% & 96% in Electronics & Communication Engineering.

-