




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



FACULTY PROFILE

1. Personal Details

| | | |
|---------------------------|---|---|
| NAME | Mr. RUCHI PALIWAL |  |
| DEPARTMENT | ELECTRONICS & COMMUNICATION ENGINEERING | |
| DESIGNATION | ASSISTANT PROFESSOR-II | |
| PHONE | 9654268953 | |
| EMAIL ID | ruchipaliwal@jssaten.ac.in | |
| Date of Joining (JSSATEN) | 14/8/2006 | |

2. Experience

| | | | |
|-------------------------------|--------------------|---------------|-------------------|
| Total Experience in Years: 15 | Teaching: 15 Years | Industry: Nil | Research: 3 Years |
|-------------------------------|--------------------|---------------|-------------------|

3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|-----------|---|---------------|--------------------|-----------------------------------|
| B.E. | Electronics & Communication Engineering | 2002 | K.I.E.T, Ghaziabad | Dr. B.R Ambedkar University, Agra |
| M.Tech. | Communication Engineering | 2012 | NIT, Kurukshetra | NIT, Kurukshetra |
| Ph.D. | RF & Microwave | Pursuing | JIIT, Noida | JP, University |
| Post Doc. | - | - | - | - |

4. Research & Publications

| | | |
|---|-------------------|--------------|
| Papers Published in Web of Science indexed Journals | International: 00 | National: 00 |
| Papers Published in SCOPUS indexed Journals | International: 02 | National: 00 |
| Papers Published in | International: 00 | National: 00 |

| | | |
|---|---|--------------|
| other Journals | | |
| Papers Presented in Conferences / Symposium | International: 03 | National: 00 |
| Books / Book chapters Published | Name of the book: NIL Publisher: Year of Publication: | |

5. Research Guidance

| | | |
|------------------------------------|-----------------------------------|---|
| PhD Guide? Give field & University | No | NA |
| Ph.D.s / Projects Guided | Ph.D. Awarded: No Guiding: NIL | Projects at Master's Level: - Nil Projects at Bachelor's Level: 20 |

6. Grants

i. Funds Received (Projects)

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

ii. Patents

| Sl. No. | Title Details | Details of award of patent / Filed |
|---------|---------------|------------------------------------|
| - | - | - |

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" | Nil |
|---------------------------|-----|

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 | An Experimental Investigation of Reconfigurable UWB Modified Octagonal Microstrip Monopole Patch Antenna with Switchable and Tunable Band-Notched Characteristic | Ruchi Paliwal Rajesh Kumar Singh ² , ShibanKishen Koul ³ | Advances in Science, Technology and Engineering Systems Journal Vol. 3, No. 5, 207-215 (2018) | VOL-3,ISSUE-5, YEAR-OCT-2018 | Scopus | 0.655 | ASTES |
| 2 | Design of Reconfigurable UWB Microstrip Patch Antenna along with Defected Ground Structure (DGS) | Ruchi Paliwal²,Ankit Gupta¹ | International Research Journal of Engineering and Technology (IRJET), June 2020 | Vol-7,issue-6 Year-2020 | Scopus | 7.529 | IRJET |

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 |
|---------|--------------------|----------------------|---------------------|---------------------------|---------------------|---------------|-----------|
| - | - | - | - | - | - | - | - |

iii. Conferences

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Conference | Volume No. Issue | WOS / Scopus | Impact Factor | Publisher |
|---------|--------------------|----------------------|------------------------|------------------|--------------|---------------|-----------|
|---------|--------------------|----------------------|------------------------|------------------|--------------|---------------|-----------|

| | | | | No. Year | | | |
|---|---|---|----------------------------|----------|---------------|--|-------------|
| 1 | Reconfigurable UWB Monopole Antenna with Switchable Frequency Notched Bands | Ruchi Paliwal Rajesh Kumar Singh ² , ShibanKishen Koul ³ | AEMC,2017(IEEE CONFERENCE) | 2017 | SCOPUS | | IEEE |
| 2 | A Novel Reconfigurable Microstrip Patch Antenna for Triple Band Wireless Applications | Minakshi ,Abha Sharma Sanjeev Yadav. Ruchi Paliwal | AEMC,2017(IEEE CONFERENCE) | 2017 | SCOPUS | | IEEE |
| 3 | Ultrathin Square Metamaterial Absorber for Dual Band Applications | Sanjeev Yadav, Ruchi Paliwal ,Rajesh Kumar Singh | INCAP,IEEE CONFERENCE | 2019 | SCOPUS | | IEEE |

iv. Workshops /Conferences Attended

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---------|---|---------------------------------------|--------------------------|
| 1 | Next Generation Wireless Systems Standards | Jssate,Noida | 29-02-2016 to 05-03-2016 |
| 2 | Research Methodology through ICT | Jssate, Noida | 28-12-2015 to 08-01-2016 |
| 3 | Antenna - Design, Fabrication & Testing | ANSYS, Entuple Technologies Pvt. Ltd. | 05-12-2016 to 09-12-2016 |
| 4 | Summer faculty research fellow programme-IIT Delhi | IIT, Delhi | 15-05-2017 to 14-07-2017 |
| 5 | Next generation Nano Satellite communication System | Jssate,Noida | 07-05-2018 to 11-05-2018 |
| 6 | INAE-IIT Delhi | IIT, Delhi | 15-05-2018 to 14-07-2018 |
| 7 | Microstrip Antenna Design, Fabrication & Testing | Jssate, Noida | 30-07-2018 to 04-08-2018 |
| 8 | Analog Integrated Circuit Design | Jssate, Noida | 27-08-2018 to 01-09- |

| | | | |
|----|--|--|----------------------|
| | Using Cadence Analog Design Flow | | 2018 |
| 9 | FDP on python | Jssate, Noida With IIT Mumbai | 22 june -4 july 2020 |
| 10 | Online Training Program on OPTIMIZATION OF MICROSTRIP ANTENNA USING HFSS | ANSYS, Entuple Technologies Pvt. Ltd. | 08& 09 May 2020 |
| 11 | Online Training Program on GEOMETRY MODELLING IN HFSS conducted | ANSYS, Entuple Technologies Pvt. Ltd. | 04 May 2020 |
| 12 | Online Training Program on OMNI DIRECTIONAL ANTENNA USING HFSS | ANSYS, Entuple Technologies Pvt. Ltd. | 15 May 2020. |
| 13 | One Week International Workshop on “Metamaterial & its Applications” | IEEE Delhi Section Antenna & Propagation Society (APS) | July 27-31, 2020 |

v. Workshops / Conference (Organized)

| Sl. No. | Name of the workshop / Conference | Organized by | Date | Role |
|---------|--|---------------|--------------------------|------------------------|
| 1 | Antenna - Design, Fabrication & Testing Antenna - Design, Fabrication & Testing | Jssate, Noida | 28-12-2015 to 08-01-2016 | Co-coordinator |
| 2 | Antenna - Design, Fabrication & Testing | Jssate, Noida | 30-07-2018 to 04-08-2018 | Co-coordinator |
| 3 | Next generation Nano Satellite communication System | Jssate, Noida | 07-05-2018 to 11-05-2018 | Organizing team member |
| 4. | National conference on Smart Energy, VLSI & Embedded Systems- 2021 | Jssate, Noida | 24-9-2021 to 25-9-2021 | Organizing team member |

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

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---------|-----------------------------------|-----------|------|
| - | - | - | - |

9. Details of NPTEL / COURSERA courses completed

| Sl. No. | Name of the subject | Organized by | Date of completion / Award | Grade / Marks |
|----------------|----------------------------|---------------------|-----------------------------------|----------------------|
| - | - | - | - | - |

10. Membership of Professional Bodies:

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

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