JSS Mahavidyapeetha
# JSS Academy of Technical Education, Noida
**Department of Electrical Engineering**.

## FACULTY PROFILE

### 1. Personal Details

| | |
|---|---|
| NAME | Dr. Sanjeev Kumar Sharma |
| DEPARTMENT | Electrical Engineering |
| DESIGNATION | Professor & Head |
| PHONE | 9810759490 |
| EMAIL ID | hodee@jssaten.ac.in |
| Date of Joining (JSSATEN) | 11.10.2018 |

### 2. Experience

| | | | |
|---|---|---|---|
| Total Experience in Years: 26 | Teaching: 20 Years | Industry: 06 Years | Research: 14 Years |

### 3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|---|---|---|---|---|
| B.E. | Electrical Engineering | 1995 | Govt. Engineering College Kota, | University of Rajasthan, Jaipur |
| M. Tech. | Electrical Power System Management | 2010 | Jamia Millia Islamia, New Delhi | Jamia Millia Islamia, New Delhi |
| Ph.D. | Power System | 2016 | Jamia Millia Islamia, New Delhi | Jamia Millia Islamia, New Delhi |

### 4. Research & Publications

| | | |
|---|---|---|
| Papers Published in Web of Science indexed Journals | International: | National: |
| Papers Published in SCOPUS indexed Journals | International: 05 | National: |
| Papers Published in other Journals | International: 08 | National: |

| Papers Presented in Conferences / Symposium | International: 02 | National: 01 |
|---|---|---|

| Books / Book chapters Published | | |
|---|---|---|
| | Name of the book:<br>Publisher:<br>Year of Publication: | |

## 5. Research Guidance

| PhD Guide? Give field & University | Yes,<br>Power System<br>Artificial Intelligence | University:<br>a. Sangam University, Bhilwara<br>b. Visvesvaraya Technological University, Belagavi<br>c. Jamia Millia Islamia, New Delhi |
|---|---|---|
| PhDs / Projects Guided | Ph.D. Awarded: 02<br>Guiding: 01 | Projects at Master's Level:<br>Projects at Bachelor's Level: |

## 6. Grants

### i. Funds Received (Projects)

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

### ii. Patents

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

### iii. Consultancy

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

## 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 | Fault Detection and Classification in Electrical Power Transmission System using Artificial Neural Network | Majid Jamil, Sanjeev Kumar Sharma and Rajveer Singh | Springer Plus, Engineering, Volume | 4, 4, 2015 | Scopus | | Springer |
| 2 | Fault Identification In Electrical Power Distribution System Using Combined Discrete Wavelet Transform and Fuzzy Logic | Majid Jamil, Rajveer Singh and Sanjeev Kumar Sharma | Journal of Electrical Systems and Information Technology, Elsevier | 2, 4, 2015 | Scopus | | Elsevier |
| 3 | Fault Classification of Three Phase Transmission Network using Genetic Algorithm | Majid Jamil, Sanjeev Kumar Sharma and D. K. Chaturvedi | International Journal of Engineering and Applied Sciences | 2, 7, 2015 | | | International Journal of Engineering and Applied Sciences |
| 4 | High Impedance Fault Detection in Electrical Power Feeder by Wavelet and GNN | Majid Jamil, Rajveer Singh and S. K. Sharma, | International Journal of Engineering and Applied Sciences | 2, 3, 2015 | | | International Journal of Engineering and Applied Sciences |
| 5 | Classification of fault identification techniques in power system transmission lines | Ashish Maheshwari and Sanjeev Kumar Sharma, | International Journal of Emerging Technology and Innovative Research | 5, 1, 2018 | | | International Journal of Emerging Technology and Innovative Research, |
| 6 | Comparative Analysis of | Ashish Maheshwari, | Journal of the | 100, 3, 2019 | Scopus | | Springer |

| | ANN-Based FL and Travelling Wave-Based FL for Location of Fault on Transmission Lines | Vinesh Agarwal and Sanjeev Kumar Sharma | Institution of Engineers (India): Series B: Springer | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7 | GA-GNN (Genetic Algorithm-Generalized Neural Network)-Based Fault Classification System for Three-Phase Transmission System | Sanjeev Kumar Sharma | Journal of the Institution of Engineers (India): Series B: Springer | 100, 5, 2019 | Scopus | | | Springer |

### 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 No. Year | WOS / Scopus | Impact Factor | Publisher |
|---|---|---|---|---|---|---|---|
| 1 | Different techniques for fault detection and classification in three Phase transmission line: A Review | Majid Jamil, S. K. Sharma and Rajveer Singh | Emerging Trends in Electrical and Electronics Engineering (ETEEE-2015), Jamia Millia Islamia, New Delhi | 2015 | | | |
| 2 | Optimal Tuning of PSS and STATCOM-Based Controllers Using Differential Evolution | Jitendra Bikanaria, Sanjeev Kumar Sharma, Kapil Parkh and Nishan Dhakre | IEEE Sponsored International Conference (RDCAPE-2017), Amity University-Noida, Uttar Pradesh, India | 2017 | Scopus | | IEEE Explore |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Algorithm | | | | | | |
| 3 | Ashish Maheshwari and Sanjeev Kumar Sharma | Improved Wavelet Based Algorithm for Classification of Fault on Transmission Lines | International Conference on Innovative Technologies in Engineering 2018 (ICITE-2018), Osmania University, Hyderabad, India | 2018 | | | |

### iv. Workshops /Conferences Attended

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

### v. Workshops / Conference / FDP (Organized)

| Sl. No. | Name of the workshop / Conference | Organized by | Date | Role |
|---|---|---|---|---|
| 1 | National Conference on Smart Energy Systems (NCSES-2019) | JSS Academy of Technical Education, Noida | 14-15 June, 2019 | Co-Convener |
| 2 | Power Electronics Applications for Smart Grid, Electric Vehicles and Renewable Energy | AICTE sponsored STTP | November-December 2020 | Convener |

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

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

### 9. Details of NPTEL / COURSERA courses completed

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

**10. Membership of Professional Bodies:**

| |
|---|
| 1. Senior Member of IEEE |
| 2. Life Member of the Institution of Engineers (India) |

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