




**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education**  
**Department of Electrical Engineering**



**FACULTY PROFILE**

**1. Personal Details**

|                           |  |   |
|---------------------------|--|---|
| NAME                      | ABHISHEK KUMAR SINGH   |  |
| DEPARTMENT                | ELECTRICAL ENGINEERING   |   |
| DESIGNATION               | ASSISTANT PROFESSOR  |   |
| PHONE                     | 9289230170   |   |
| EMAIL ID                  | <a href="mailto:e.akisngh@jsstaen.ac.in">e.akisngh@jsstaen.ac.in</a> |   |
| Date of Joining (JSSATEN) | 08/03/2013   |   |

**2. Experience**

|                           |                    |               |                    |
|---------------------------|--------------------|---------------|--------------------|
| Total Experience in Years | Teaching: 10 Years | Industry: NIL | Research: 02 Years |
|---------------------------|--------------------|---------------|--------------------|

**3. Qualifications**

| COURSES | SPECIALIZATION             | Year of Award | INSTITUTION                                  | UNIVERSITY                                   |
|---------|----------------------------|---------------|--|--|
| B.Tech  | Electrical and Electronics | 2009          | Krishna Engineering College, Ghaziabad       | Uttar Pradesh Technical University, Lucknow  |
| M.Tech  | Power System               | 2011          | Delhi Technological University, Delhi        | Delhi Technological University, Delhi        |
| Ph.D.   | Electrical Engineering     | Pursuing      | National Institute of Technology Kurukshetra | National Institute of Technology Kurukshetra |

**4. Research & Publications**

|   |   |  |
|---|---|--|
| Papers Published in Web of Science indexed Journals |   |  |
| Papers Published in SCOPUS indexed Journals         | International: 01                                       |  |
| Papers Published in other Journals                  |   |  |
| Papers Presented in Conferences / Symposium         |   |  |
| Books / Book chapters Published                     | Name of the book:<br>Publisher:<br>Year of Publication: |  |

## 5. Research Guidance

|                                    |     |     |
|------------------------------------|-----|-----|
| PhD Guide? Give field & University | NIL | NIL |
| PhDs / Projects Guided             | NIL | NIL |

## 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  |
|---------|--|---|
| 1       | Intelligent controlling and monitoring of charging and discharging of electric vehicle batteries | Application No. 202111006557A,<br>Date of filing: 17/02/2021,<br>Published:26/02/2021 |
|         |  |   |

### 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 |
|---------|--------------------|----------------------|---------------------|---------------------------|---------------------|---------------|-----------|
|---------|--------------------|----------------------|---------------------|---------------------------|---------------------|---------------|-----------|

|          |   |   |  |                            |        |        |               |
|----------|---|---|--|----------------------------|--------|--------|---------------|
| <b>1</b> | Optimizing Multi-Line Power Flow Using Ipfc | Manish Kumar Singh, Vivek Saxena & Abhishek Kumar Singh | International Journal Of Mechanical And Production Engineering Research And Development (Ijimperd) | Vol. 10, Issue 3, Jun 2020 | Scopus | 9.6246 | TRANS STELLAR |
|----------|---|---|--|----------------------------|--------|--------|---------------|

## 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 |
|---------|--------------------|----------------------|------------------------|---------------------------|--------------|---------------|-----------|
|         |                    |                      |                        |                           |              |               |           |

## iv. Workshops / Conferences Attended

| Sl. No.  | Name of the workshop / Conference   | Organizer                                     | Date                    |
|----------|---|---|-------------------------|
| <b>1</b> | TEQUIP III STTP on Advanced Embedded Control Systems & Applications       | NIT Kurukshetra                               | September 21-26, 2020   |
| <b>2</b> | TEQUIP III STTP on Green Energy Technologies for Sustainable Development  | Engineering College Bikaner & NIT Kurukshetra | June 11-20, 2020        |
| <b>3</b> | TEQUIP III STTP on Life Cycle Analysis for Sustainability                 | Engineering College Bikaner                   | May 27-31, 2020         |
|          | Recent Advances in Power Electronics Applications with MATLAB Simulations | NIT Patna                                     | May 25-30, 2020         |
| <b>4</b> | Intervention for Effective Industry-Institute Partnership                 | NITTTR/JSSATE, NOIDA                          | 24/04/2017-28/04/2017   |
| <b>5</b> | Usages of MATLAB  | CETPA   | 15/10/2016              |
| <b>7</b> | Operation Research  | NITTTR/JSSATE, NOIDA                          | 28/03/2016-01/04/2016   |
| <b>8</b> | REAF-2014   | DTU, DELHI                                    | June 16 – June 20, 2014 |
| <b>9</b> | RTDEE, 2013   | JSSATE NOIDA                                  | August 23-24, 2013      |

## v. Workshops / Conference (Organized)

| Sl. No. | Name of the workshop / Conference | Organized by | Date | Role |
|---------|-----------------------------------|--------------|------|------|
| 1       |                                   |              |      |      |

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       |                                   |           |      |

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

| Sl. No. | Name of the subject | Organized by | Date of completion / Award | Grade / Marks |
|---------|---------------------|--------------|----------------------------|---------------|
| 1       | Control Engineering | NPTEL        | Jan-Apr 2020 (12 Weeks)    | 94%           |
| 2       |                     |              |                            |               |
| 3       |                     |              |                            |               |
| 4       |                     |              |                            |               |
| 5       |                     |              |                            |               |

**10. Membership of Professional Bodies:**

|    |
|----|
| 1. |
| 2. |

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