




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



**FACULTY PROFILE**

**1. Personal Details**

|                           |   |   |
|---------------------------|---|---|
| NAME                      | Mr. DEEPENDRA SHARMA                    |  |
| DEPARTMENT                | ELECTRONICS & COMMUNICATION ENGINEERING |   |
| DESIGNATION               | ASSISTANT PROFESSOR                     |   |
| PHONE                     | +91-9891333042                          |   |
| EMAIL ID                  | deependrasharma@jssaten.ac.in           |   |
| Date of Joining (JSSATEN) | 01-08-2013                              |   |

**2. Experience**

|                              |                   |               |                   |
|------------------------------|-------------------|---------------|-------------------|
| Total Experience in Years: 9 | Teaching: 9 Years | Industry: Nil | Research: 5 Years |
|------------------------------|-------------------|---------------|-------------------|

**3. Qualifications**

| COURSES   | SPECIALIZATION                             | Year of Award | INSTITUTION          | UNIVERSITY     |
|-----------|--|---------------|----------------------|----------------|
| B.E.      | Electronics and Communication Engineering. | 2009          | GITS Udaipur         | MLSU Udaipur   |
| M. Tech.  | Signal Processing & Digital Design         | 2013          | DTU, New-Delhi       | DTU, New-Delhi |
| Ph.D.     | Computer Vision                            | Pursuing      | FoET, JMI, New-Delhi | JMI, New-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: 01 | National: 00 |

|   |   |              |
|---|---|--------------|
| Papers Published in other Journals          | International: 05   | National: 00 |
| Papers Presented in Conferences / Symposium | International: 04   | National: 01 |
| Books / Book chapters Published             | Name of the book: NIL<br>Publisher:<br>Year of Publication: |              |

## 5. Research Guidance

|                                    |                                   |   |
|------------------------------------|-----------------------------------|---|
| PhD Guide? Give field & University | No                                | NA  |
| Ph.D.s / Projects Guided           | Ph.D. Awarded: No<br>Guiding: NIL | Projects at Master's Level: - Nil<br>Projects at Bachelor's Level: 24 |

## 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       | Relative Object Tracking using Background Features | V. Upadhyaya, D. Sharma | International Journal of Imaging and Robotics               | Volume 16; Issue No. 4. 2016 | Scopus              | 0.8           | Ceser     |
| 2       | Review Paper on Object Tracking                    | D Sharma et al.         | International Journal for Scientific Research & Development | Vol. 3, Issue 02 2015        | -                   | -             | -         |
| 3       | Depth Estimation in Image Processing               | D Sharma et al.         | International Journal for Scientific Research & Development | Vol. 3, Issue 03 2015        | -                   | -             | -         |
| 4       | Anomalous Speed Detection in Pedestrian Zone       | D Sharma et al.         | International Journal for Scientific Research & Development | Vol. 3, Issue 03 2015        | -                   | -             | -         |

### 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       | Categorical vehicle classification using Deep Neural Networks | D. Sharma, Z. A. Jaffery and N. Ahmad | International Conference on Power Electronics, Control and Automation (ICPECA) | 2019                      | Scopus       | -             | IEEE      |
| 2       | Low Bitrate   | N. Ahmad, Z. A.                       | International  | 2019                      | Scopus       | -             | IEEE      |

|   |   |                                       |   |      |        |   |      |
|---|---|---------------------------------------|---|------|--------|---|------|
|   | Image Coding based on Dual Tree Complex Wavelet Transform   | Jaffery and D. Sharma                 | Conference on Power Electronics, Control and Automation (ICPECA)                                  |      |        |   |      |
| 3 | Detection of missing nuts & bolts on rail fishplate   | Z. A. Jaffery, D. Sharma and N. Ahmad | International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT) | 2017 | Scopus | - | IEEE |
| 4 | Performance comparison of segmentation techniques for detection of defect in rail head surface images | Z. A. Jaffery, N. Ahmad and D. Sharma | International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT) | 2017 | Scopus | - | IEEE |
| 5 | Image Compression Based on Wavelet Transform  | D Sharma et al.                       | National Conference of IETE   | 2009 | -      | - | IETE |

#### iv. Workshops /Conferences Attended

| Sl. No. | Name of the workshop / Conference   | Organizer                   | Date                 |
|---------|---|-----------------------------|----------------------|
| 1       | FDP on Python   | JSSATE Noida                | 2 June-04 July 20220 |
| 2       | FDP on Open-Source Learning Management System: Modular Object-Oriented Dynamic Learning | AMU, Aligarh                | 16-20 June 2020      |
| 3       | FDP on Multimedia and Drawing   | GFG College, Bengaluru      | 03-16 June 2020      |
| 4       | FDP on Industrial Automation with Robotics & 3D Printer                                 | JSSATE Noida                | 04-09 June 2018      |
| 5       | FDP on Next Generation Nano Satellite Communication Systems                             | JSSATE Noida                | 07-11 May 2018       |
| 6       | FDP on Fundamentals of Analog and Digital Communication                                 | IIT Guwahati, E&ICT Academy | 13-22 May 2017       |

|    | System   |  |                     |
|----|--|--|---------------------|
| 7  | FDP on Entrepreneurship Development                                  | Entrepreneurship Development Institute of India, Ahmedabad | 05-17 December 2016 |
| 8  | FDP on Technology Management   | NITTTR Chandigarh  | 22-26 February 2016 |
| 9  | FDP on MATLAB and Its Hardware Interface                             | NITTTR Chandigarh  | 11-15 January 2016  |
| 10 | FDP on Recent Trends in Energy and Power for Sustainable Development | Delhi Technological University, Delhi                      | 01-05 June 2015     |

**v. Workshops / Conference (Organized)**

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

**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 |
|---------|---------------------|--------------|----------------------------|---------------|
| 1       | Machine Learning    | Coursera     | 3/4/2016                   | A             |
| 2       | Data Science        | Coursera     | 1/12/2020                  | A             |

**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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