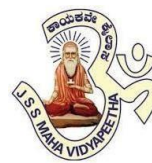





JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Information Technology.



FACULTY PROFILE

1. Personal Details

| | | |
|---------------------------|--------------------------------------|---|
| NAME | Dr. SUKHENDRA SINGH |  |
| DEPARTMENT | INFORMATION TECHNOLOGY | |
| DESIGNATION | ASSOCIATE PROFESSOR | |
| PHONE | 0120-2401442 | |
| EMAIL ID | sukhendra singh[at]jss ate n. ac. in | |
| Date of Joining (JSSATEN) | 25-08-2008 | |

2. Experience

| | | | |
|---------------------------------|--------------|---------------|-------------|
| Total Experience in Years: 17.0 | Teaching: 17 | Industry:-Nil | Research:-7 |
|---------------------------------|--------------|---------------|-------------|

3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|----------|---|---------------|---|--|
| B.Tech. | Information Technology | 2007 | Indian Institute of Information Technology Allahabad | Indian Institute of Information Technology Allahabad |
| M.Tech. | Computer Science | 2013 | Birla Institute of Technology Mesra Ranchi | Birla Institute of Technology Mesra Ranchi |
| Ph.D. | Computer Science & Engineering Learning | 2023 | Dr. APJ Abdul Kalam Technical University, Lucknow, UP | Dr. APJ Abdul Kalam Technical University Lucknow |
| PostDoc. | - | - | - | - |

4. Research & Publications

| | | |
|---|------------------|-------------|
| Papers Published in Web Of Science indexed Journals | International:07 | National:00 |
|---|------------------|-------------|

| | | |
|---|---|-------------|
| Papers Published in SCOPUS indexed Journals | International:06 | National:00 |
| Papers Published in other Journals | International:00 | National:00 |
| Papers Presented in Conferences / Symposium | International:02 | National:00 |
| Books/Book chapters Published | 1.Nameofthebook:“ C programming for problem solving ” Publisher: Jain Publishers(ISBN:9354191339) Year of Publication: 2020 | |

5. Research Guidance

| | | |
|---------------------------------|---------------------------------|--|
| PhDGuide?Givefield & University | No | University: |
| PhDs/Projects Guided | Ph.D.Awarded:Yes Guiding:NIL | Projects at Master'sLevel:-Nil Projects at Bachelor'sLevel:25 |

6. Grants

i. Funds Received(Projects)

| ProjectName | Grant Amount | Date of receiving theGrant | Duration | Grantissuingauthority/ Body / Organization |
|-------------|--------------|----------------------------|----------|--|
| - | - | - | - | - |

ii. Patents

| Sl. No. | TitleDetails | Detailsofawardofpatent/ Filed |
|---------|---|-------------------------------|
| 1 | DESIGNAQUATERNIONDEEPPATTENTION NEURAL NETWORK MODAL FOR THE CLASSIFICATION OF AN IMAGE FOR AN OBJECT-DETECTIONSYSTEM | Published |
| 2 | PRECISEDTECTIONMETHODOLOGYFOR SMALLOBJECTSUSINGINFRAREDIMAGES | Published |
| | | |

iii. Consultancy

| Titleofthe work | Amount in Rs. | Date of receiving theGrant | Duration | Grantissuingauthority/ Body / Organization |
|-----------------|---------------|----------------------------|----------|--|
| - | - | - | - | - |

7. AwardsReceived

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

8. Publications

i. International Journals

| Sl. No | Titleofthe paper | Name(s)of Author(s) | Nameofthe Journal | Volume No.Issue No.Year | WOS/ Scopus/ Both | Impact Factor | Publishe r |
|--------|--|--|---|-------------------------|-------------------|---------------|------------------------|
| 1 | Systematic review of recent computer-aided diagnostic approachesin medical imaging | Sukhendra Singh,BK Tripathi | Advances and Applicationsin Mathematical Sciences | 18,82019 | WOS | - | Milli Publication |
| 2 | “Breast Cancer Classification Using Transfer Learning:” | Sukhendra singh, Animesh Seemendra, Rahul Singh | LectureNotesin Electrical Engineering | 978-981-15-7803-8 | Scopus | - | Springer |
| 3 | Indian Sign Language Recognition on PYNQ Board: | Sukhendra Singh,Rathna G N | RecentAdvances in Computer Science and Communications | 2021 | Scopus | .76 | Bentham Science |

| | | | | | | | |
|---|--|---|--|---------|---------------|------------|-------------------|
| 4 | Anonymous Scheme for Secure MobileAgent Migration Using Mignotte's Sequenceand Back Propagation Artificial Neural Networks | Pradeep Kumar,N Singhal, Sukhendra singh | International Journal of Computer Information Systems and Industrial Management Applications | 13,2021 | Scopus | .33 | MIR Labs |
| 5 | Pneumonia classification using quaternion deep learning | Sukhendrasinghet-al | MultimediaTools&Applications | 2020 | SCIE,WOS | 3.7 | Springer |
| 6 | Infrared target-background separation based on weighted nuclear norm minimization androbust principal component analysis | Sukhendrasinghet-al | Mathematics | 2022 | SCIE,WOS | 3.7 | Springer |
| 7 | Deep attention networkfor pneumonia detection using chest X-ray images | Sukhendrasinghet-al | CMC-Computers, Materials&Continua | 2022 | SCIE,WOS | 3.0 | TechScience Press |
| 8 | Pneumonia detection withQCSA networkon chestX-ray | Sukhendrasinghet-al | ScientificReports | 2023 | SCIE,WOS | 5 | Nature |
| 9 | Deep quaternion convolutional neural networksfor breast Cancer classification | Sukhendrasinghet-al | MultimediaTools&Applications | 2023 | SCIE,WOS | 3 | Springer |

| | | | | | | | |
|----|---|---------------------|-----------------------------------|------|-----------|-----|-------------------|
| 10 | Hybrid Models for Breast Cancer Detection via Transfer Learning Technique | Sukhendrasinghet-al | CMC-Computers, Materials&Continua | 2022 | SCIE, WOS | 3.0 | TechScience Press |
|----|---|---------------------|-----------------------------------|------|-----------|-----|-------------------|

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 | Evaluation of Transfer Learning based Deep Learning architectures for Waste Classification | Sukhendra Singh et-al | International Symposium on Advanced Electrical and Communication Technologies (ISAECT)- | 2021 | Scopus | - | IEEE |
| 2 | Breast cancer classification using transfer learning | Sukhendra Singh et-al | Evolving Technologies for Computing, Communication and Smart World: Proceedings of ETCCS2020 | 2020 | Scopus | - | Springer |

iv. Workshops/Conferences Attended

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---------|--|--------------------|---|
| 1 | Practical approach to networking. | IIT Kanpur | 12-15 April 2012 |
| 2 | Workshop on Computer Graphics Of two weeks | IIT Delhi. | from 2 July 2012 to 13 July 2012 |
| 3 | Workshop of two weeks on Design And Analysis of Algorithms | IIT Kharagpur | May 2015 |
| 4 | Workshop of three days on Advances in robotics | IIT Delhi | from 5th July 2012 to 7th July 2012 |
| 5 | Workshop of two weeks on Research Methodology by | NITTTR Chandigarh. | from 28 December 2015 to 8 January 2016 |

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

| L. No. | Name of the subject | Organized by | Date of completion / Award | Grade/ Marks |
|--------|---|--------------|----------------------------|--------------|
| 1 | Programming and data structure with | NPTEL | April 2012 | 64 |
| 2 | Design and Analysis of Algorithms | NPTEL | April 2011 | 59 |
| 3 | Programming in C | NPTEL | April 2010 | 83 |
| 4 | Fuzzy Logic and Neural Networks with score | NPTEL | April 2018 | 64 |
| 5 | Machine Learning | NPTEL | December 2016 | 62 |
| 6 | 'NBA Accreditation and Teaching - Learning in Engineering | NPTEL | April 2020 | 86 |
| 7 | 'Practical Machine Learning with Tensorflow' | NPTEL | April 2020 | 74 |

10. Membership of Professional Bodies:

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

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

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Dr. Sukhendra Singh
Associate Professor, Dept. of IT
JSS Academy of Technical Education, Noida