




JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Mechanical Engineering.



FACULTY PROFILE

Department: Mechanical Engineering

1. Personal Details

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|---------------------------|--|---|
| NAME | NITIN KUMAR CHAUHAN |  |
| DEPARTMENT | MECHANICAL ENGINEERING | |
| DESIGNATION | ASSISTANT PROFESSOR | |
| PHONE | 9582482888 | |
| EMAIL ID | nitinchauhan@jssaten.ac.in | |
| Date of Joining (JSSATEN) | 02 – 01 – 2012 | |

2. Experience

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|-------------------------------|--------------------|----------------------|-------------|
| Total Experience in Years: 17 | Teaching: 15 years | Industry: - 02 years | Research: - |
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3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|---------|-------------------------|---------------|---|---|
| B.Tech. | Mechanical Engineering | 2004 | Anand Engg. College, Agra | U.P.T.U. Lucknow |
| M.Tech. | Mechanical Engineering | 2010 | J.S.S.Academy of technical Education , Noida | U.P.T.U. Lucknow |
| Ph.D. | Supply Chain Management | Pursuing | JC Bose University of Science & Technology, Faridabad | JC Bose University of Science & Technology, Faridabad |

4. Research & Publications

| | | |
|---|-------------------|--------------|
| Papers Published in Web of Science indexed Journals | International: 01 | National: 00 |
|---|-------------------|--------------|

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|---|-------------------|--------------|
| Papers Published in SCOPUS indexed Journals | International: 01 | National: 00 |
| Papers Published in other Journals | International: 01 | National: 00 |
| Papers Presented in Conferences / Symposium | International: 00 | National: 00 |
| Books / Book chapters Published | | |

5. Research Guidance

| | | |
|------------------------------------|----|--|
| PhD Guide? Give field & University | No | |
| PhDs / Projects Guided | | |

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 | | |

iii. Consultancy

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

7. Awards Received

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| Awards “Best Paper Award” | |
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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 | Grey Relational Analysis Coupled with Principal Component Analysis for Optimization Design of the Machining Parameters in Electro-Discharge Diamond Face Grinding | G. K. Singh, N. K. Chauhan, Rajeev Kumar and V. Yadava | International Journal of Current Engineering and Technology | Special Issue-2, (February 2014) | | | Inpressco |
| 2 | Optimization of process parameters using grey relational analysis and taguchi method during micro-EDMing | Nitin Kumar Chauhan, Alok Kumar Das, Rajesha S | Materials Today: Proceedings | Vol. 5, April 2018 | WOS | | Elsevier |
| 3 | Machining performance enhancement of EN-31 die steel using MWCNT mixed rotary EDM | Rajesh Bajaj, Amit Rai Dixitc, Arun Kumar Tiwari & Nitin Kumar Chauhan | Indian Journal of Engineering & Materials Sciences | Vol. 27, April 2020, | WOS & Scopus | | NISCAIR |

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 | Grey Relational Analysis Coupled with Principal Component Analysis for Optimization Design of the Machining Parameters in Electro-Discharge Diamond Face Grinding | G. K. Singh, N. K. Chauhan, Rajeev Kumar and V. Yadava | International Conference on Advances in Mechanical Sciences 2014 | Special Issue-2, (February 2014) | | | International Journal of Current Engineering and Technology |
| 2 | Interpretive Structural Modeling of Invisible Cost Factors In I.T Offshoring Outsourcing | Prashant Chauhan, Nitin Chauhan, Siddharth Singh | International Conference on Intelligent Control and Computation for Smart Energy and Mechatronic Systems | 25-26 September 2020 | | | |

iv. Workshops /Conferences Attended

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---------|---|---|---|
| 1 | Six week summer Faculty Research Fellowship Programme | IIT Delhi | 16 th May' 13 – 27 th May' 13 |
| 2 | One day workshop on Microwave Machining | IIT Roorkee | 20 th Jun' 14 |
| 3 | One week Faculty Development Programme on Precision Manufacturing: Technology for Better Tomorrow | DTU Delhi | 14 th Jul' 14 – 18 th Jul' 14 |
| 4 | One Week Short Term Course on "Effective Curriculum Implementation through ICT" | JSS Noida | 7 th Mar' 16 – 11 th Mar' 16 |
| 5 | Two week AICTE Sponsored short term course on "Make in India: Dreams comes to Reality" | IIT Roorkee | 3 rd Jan' 17 – 14 th Jan' 17 |
| 6 | One week Faculty Development Programme on "Industry 4.0 and smart manufacturing" | ABES Engg College, Ghaziabad | 10 th Jun' 19 – 14 th Jun' 19 |
| 7 | 4 Weeks NPTEL FDP on "Supply Chain Analytics" | NPTEL | Jan' 20 – Mar' 20 |
| 8 | One Week Online Workshop on "Research Methodology" | JC Bose University of Sc. & Technology, Faridabad | 11 th May' 20 – 17 th May' 20 |
| 9 | One Day workshop on "Analytical Techniques in Industrial Engineering" | JC Bose University of Sc. & Technology, Faridabad | 29 th Oct' 20 |

v. Workshops / Conference (Organized)

| Sl. No. | Name of the workshop / Conference | Organized by | Date | Role |
|---------|---|---------------|------------------------------|--------------------------------|
| 1 | AICTE sponsored one week Short Term Training Program (STTP-1) on "Advanced Manufacturing and Materials" | JSSATE, Noida | 23 Nov. 2020 to 28 Nov. 2020 | Member of Organizing Committee |
| 2 | AICTE sponsored one week Short Term Training Program (STTP-2) on "Advanced Manufacturing and Materials" | JSSATE, Noida | 7 Dec 2020 to 12 Dec 2020 | Member of Organizing Committee |

| | | | | |
|---|---|---------------|--|--------------------------------|
| | Materials" | | | |
| 3 | AICTE sponsored one week Short Term Training Program (STTP-3) on "Advanced Manufacturing and Materials" | JSSATE, Noida | 21 st Dec 2020 to 28 th Dec 2020 | Member of Organizing Committee |
| 4 | AICTE sponsored two weeks Faculty Development Program on "Mechanical Design Techniques For Academic And Industrial Environment" | JSSATE, Noida | 8 July 2019 to 20 July 2019 | Member of Organizing Committee |
| 5 | one week Faculty Development Programme on "Manufacturing World and Its Future" | JSSATE, Noida | 23/04/2018 to 28/04/2018. | Member of Organizing Committee |

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 |
|---------|------------------------|--------------|----------------------------|---------------|
| | Supply Chain Analytics | NPTEL | March 2020 | 82% |

10. Membership of Professional Bodies:

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| 1. |
| 2. |

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

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