**FACULTY PROFILE**

**Mr. S. K. Mahajan**

**Assistant Professor**

**Department of Electrical Engineering**

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| 13, Shakuntala Heights,  Khutwad Nagar, Nashik  Mob: 8830045447  Email ID: [samadhan.mahajan@ges-coengg.org](file:///C:\Users\Administrator\Desktop\samadhan.mahajan@ges-coengg.org) | C:\Users\Administrator\Downloads\SKM Photo.jpg |

**QUALIFICATION**

* PhD Pursuing.
* M.E. Electrical in Power Electronics & Drives (Mumbai University)
* B.E. Electrical (NMU)

**TEACHING EXPERIENCE**

* 13 Years

**INDUSTRY EXPERIENCE**

* 1 Years

**ADMINISTRATIVE WORK**

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| Sr. No. | Post | Description |
| 1. | College Exam Officer (CEO)  From 19/09/2017 to 19/9/2019.  From 22/05/2023 to till date. | 1. Carrying out workload and responsibility for Custodian of the Examination. 2. Conduct an excellent examination, besides proper communication between concern subdivisions of the examination department. 3. Follow the Guidelines of exam department, and Perform necessary action according to correspondence. 4. Provide necessary guidelines to all persons related to examination. 5. Provide necessary guidelines to all students. 6. Take necessary action on instructions received by the Hon. Controller of Examinations (SPPU) from time to time. |
| 2. | NBA CRITERION 6. FACILITIES AND TECHNICAL SUPPORT | 6.1 Adequate and well equipped laboratories, and technical manpower  6.2 Additional facilities created for improving the quality of learning experience in  Laboratories  6.3 Laboratories: Maintenance and overall ambiance |
| 3. | Student Enrollments(Admissions) | Efforts for enhancing institute level enrollments (Admissions) |

**UNIVERSITY RESPONSIBILTITES**

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| Sr. No. | Post | Duties |
| 1. | Subject Expert | Power Electronics, Advanced Electrical Drives and Control, Smart Grid, Analog and Digital Electronics. |
| 2. | Subject Chairman, | ME Smart Grid 2013 Patt. ME Project II 2017 Patt. |
| 3. | Examiners  (External and Internal) | PE, PECD, ADE, SG, AEDC, AC &DC Drives, Power Converters. |
| 4. | Senior Supervisor (External and Internal) | Both Internal & External |

**Publications:**

1. S. K Mahajan, Sincy George. “Voltage Compensation Using d-q Theory”, Third Biennial National Conference On NASCENT Technologies In The Field Of Electrical Engineering NCNTE-2012, February 24-25, 2012, Navi Mumbai, India, pp. 21-25.
2. S. K Mahajan, Vikram Patil. “Dynamic Voltage Restorer for voltage sag/swell mitigation using DSP” in International Conference on Emerging Trends in Science & Technology, ICETST Aug. 22-23, 2014.
3. Vishal Pansare, S. K. Mahajan. “Simulation of Z-source Inverter fed Induction Motor” in international conference on Emerging Research Trends in Applied Engineering and Technology (ICERTAC) held at KGCE Karjat, Dist. Raigad on 1st and 2nd April 2016.
4. Harshal R Chaughule, S. K. Mahajan, “A modified cascaded H-bridge multilevel inverter topology with reduced number of power electronic switching components.” In International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 02 | Feb-2016.

**FDP/WORKSHOP/WEBINAR/SEMINAR ATTENDED**

1. Participation in Three days online FDP in “Ansys Maxwell: Tolls and Research” organized by Department of Electrical Engg. GES, R.H. Sapat C.O.E.M.S.R, Nashik from 11 march 2023 to 13 march 2023.
2. Attended TEQIP (III) sponsored Two Weeks Short Term Training On “Hands On: Mathematical Modelling and Software Simulation for Power systems and Electrical Machines (HOMSPM)”, From 10 – 20 June 2019, At Department of Electrical Engineering, SVNIT Surat, Gujarat-395007
3. Attended the Workshop on “MATLAB Researcher, MATLAB-13” Conducted by NIT, Bhopal during 9th December to 11th December, 2013.
4. Participation in 3 days workshop on “Basics of Industrial Automation Using PLC & SCADA” during 23rd to 25th , September 2016 at GES, R.H.S.C.E.M.S.R, Nashik.
5. Attended the workshop on SCADA, PLC, AC Drives conducted by Prolific Systems & Technologies Pvt. Ltd. at department of electrical engineering SIER Agaskhind, Nashik during 6 August 2012 to 12 August 2012.
6. Attended National workshop on “Emerging Technologies In Smart Grid” Organized by Department of Electrical Engineering, K. K. Wagh Institute of Engineering, Nashik dated at December 17-19,2013.
7. Attended a State level workshop on “Testing & Calibration of Measuring Equipments” Organized by Department of Electrical Engineering at Sandip Foundation & Sponsored by Savitribai Phule Pune University during 9-10 Jan,2015.
8. Actively participating in the One week online FDP organised by Department of Electrical & Electronics on “Future Trends in Renewable Energy” held at Lakshmi Narain College of Technology, Bhopal during 15-28 February 2021; sponsored By AICTE, Delhi under AQIS.
9. Participated in one week STTP organized by Department of Electrical Engineering on “Advanced Application in Electrical Power System” from 22th March to 2th March 2021 held at Godavari Foundations Godavari College of Engineering Jalgaon sponsored By TEQIP III.

**ACHIEVEMENTS**

1. Reviewer, IEEE Technically Co-Sponsored 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE-2021), organized by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, in association with IEEE & IAS, January 15–16, 2021.

Mr. S. K. Mahajan