

NIRAJ KUMAR SHUKLA

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PROFESSIONAL SUMMARY:

Qualification:	M. Tech.
Work Experience:	More than 8years
Current Academic Designation:	Assistant Professor
Organization:	Shambhunath Institute of Engineering &Technology. (Affiliated AKTU, Lucknow) Approved by AICTE, New Delhi
Specialization:	Power Electronic & Drives

CAREER HIGHLIGHTS:

TEACHING PROFILE:

- Teaching as a “**Assistant Professor**” in the department of theElectrical Engineering, “**Shambhunath Institute ofEngineering & Technology**”from 2010.
- Teaching area:-
 - Power Electronics.
 - Electrical Machines.
 - Electric Drives.
 - Power Station Practice.
 - Basic Electrical Engineering.
 - Special Electric Machines.

EDUCATIONAL QUALIFICATION:

- Pursuing **P.Hd** from University of Allahabad.
- **M.Tech** in **Power Electronic & Drives** in 2010 with 80.75% from K.N.I.T. Sultanpur affiliated to Uttar Pradesh Technical University.
- **B.Tech** in **Electrical Engineering**in 2007 with 69.12% from B.B.D.N.I.T.M., Lucknow, affiliated to Uttar Pradesh Technical University.
- **INTERMEDIATE** from C.B.S.E Board in 2002 with first division.
- **HIGH SCHOOL** from C.B.S.E Board in 2000 with first division.

ACADEMIC PROJECTS:

- Completed Project work in M.Tech. on “**FUZZY AND PI CONTROLLER BASED PERFORMANCE EVALUATION OF SEPARATELY EXCITED DC MOTOR**”.
- Completed Project work in B.Tech on “**CONTROLLING THE DEVICES BY DTMF TONES**”.

CONFERENCES ATTENDED:

- Presented Paper on “**Efficiency Optimization of Single Phase Induction Motor Using Semiconductor Devices**” at IEI Mumbai, The Institution of Engineers India, Maharashtra State Centre- International Conference on Recent Innovation in Engineering, Science and Management (ICRIESM-2018), ISBN: 978-93-87433-19-9.
- Presented Paper on “**Simulation and Comparative Analysis of SPWM & SVPWM Based Voltage Source Inverter with Inductive Load**” at Gwalior Conference- International Conference on Latest Concepts in Science, Technology, Management and Humanities (ICLCSTMH), ISBN: 978-93-87433-05-2.

PUBLISHED PAPERS:

- Niraj Kumar Shukla, Rajeev Srivastava, “**Efficiency Optimization of Single Phase Induction Motor Using Semiconductor Devices**”, International Journal of Electronics, Electrical and Computational System (IJEECS), Volume 7, Issue 4, April 2018, ISSN 2348-117X.
- Niraj Kumar Shukla, Rajeev Srivastava, “**Simulation and Comparative Analysis of SPWM & SVPWM Based Voltage Source Inverter with Inductive Load**”, International Journal of Electronics, Electrical and Computational System (IJEECS), Volume 6, Issue 12, December 2017, ISSN 2348-117X.
- Niraj Kumar Shukla, Rajeev Srivastava, “**SVPWM & SPWM Controller Based Performance Evaluation of Three Phase Induction Motor**”, International Journal of Engineering Sciences & Research Technology (IJESRT), Vol.6 Issue 10, October 2017, ISSN: 2277-9655
- Niraj Kumar Shukla, Rajeev Srivastava, “**Performance Evaluation of Three Phase Induction Motor Using MOSFET & IGBT Based Voltage Source Inverter**” International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 06 | June -2017, ISSN: 2395 -0056.
- Dilipkumar, Indu Pandey & Niraj Shukla, “**Implementation of Single Phase Matrix Converter as a Cycloconverter**”, Imperial Journal of Interdisciplinary Research (IJIR) Vol-2, Issue-11, 2016
- Niraj Kumar Shukla, Dr. S. K. Sinha, “**Fuzzy and PI Controller Based Performance Evaluation of Separately Excited DC Motor**”, International Journal of Emerging Trends in Electrical and Electronics (IJETEE) Vol.2, Issue. 1, April-2013.

SEMINARS:

As a part of M.Tech. Course curriculum

- Seminar delivered on **POWER ELECTRONICS IN RENEWABLE ENERGY SYSTEM.**

As a part of B.Tech. Course curriculum

- Seminar delivered on **GLOBAL POSITIONING SYSTEM.**

TRAININGS/WORKSHOPS:

- Attended one-week Faculty Development Program on “**VLSI FOR SIGNAL PROCESSING AND COMMUNICATION**” sponsored by AKTU Lucknow under TEQIP-III scheme at S.I.E.T Allahabad during July 16th -20th, 2018.
- Attended one-week Faculty Development Program on “**POWER THEFT & ENERGY MANAGEMENT**” sponsored by AKTU Lucknow under TEQIP-III scheme at U.C.E.R Allahabad during May 01st -05th, 2018.
- Attended Skill Development Program on “**POWER TECHNOLOGY**” organized by National Power Training Institute, Badarpur, New Delhi at SIET Allahabad during September 18th -20th, 2017.
- Attended workshop on “**VIRTUAL LABORATORIES**” organized by Indian Institute of Technology, Kanpur on Sep. 16th 2017.
- Attended Faculty Development Program on “**HUMAN VALUES AND PROFESSIONAL ETHICS**” organized by AKTU, Lucknow during July 03rd -10th, 2017.
- Attended one-week Faculty Development Program on “**RESEARCH METHODOLOGY, TEACHING TECHNIQUES & CURRENT TECHNOLOGICAL TRENDS**” organized by AKTU Lucknow, CSI Allahabad and Institution of Engineers at SIET Allahabad during June 05th -10th, 2017.

- Attended Seminar on **AKSHAY URJA** organized by DEPARTMENT OF ELECTRICAL ENGINEERING, SIET, Allahabad on March 18th, 2012.
- Attended workshop on “**MATLAB AND ITS APPLICATION IN ELECTRICAL ENGINEERING-2009**” organized by ELECTRICAL ENGINEERING DEPARTMENT, KNIT, Sultanpur during December 14th -16th, 2009.
- Attended Seminar on **NCERU-2009** organized by ELECTRICAL ENGINEERING DEPARTMENT, KNIT, Sultanpur February 27th -28th, 2009.
- Attended workshop on **LABORATORY TEACHING IN ELECTRICAL ENGINEERING-2008** organized by ELECTRICAL ENGINEERING DEPARTMENT, KNIT, Sultanpur during February 28th -29th, 2008.
- Attended training programme on “**OIL CONSERVATION**” organized by **PETROLEUM CONSERVATION RESEARCH ASSOCIATION**.

SOFTWARE KNOWLEDGE:

- Packages Known: MATLAB Programming and SIMULATION

PERSONAL DETAILS:

Father's name	:	Mr. K.K. Shukla
Date of Birth	:	November 24, 1983
Gender	:	Male
Nationality	:	Indian
Marital Status	:	Married
Languages Known	:	English, Hindi
Mailing Address	:	146 Alopibagh, Allahabad (U.P.) 211006

Declaration:

I hereby declare that the above information given is true and correct to the best of my knowledge.

DATE:

PLACE: Allahabad

(NIRAJ KUMAR SHUKLA)