

KUMAR SHANTANU

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Address: **611/718 Old Katra Allahabad**



Searching for an opportunity matching with my profile

To work sincerely for an organization this provides me challenging work in healthy environment to enhance my skills and abilities so that I could be able to explore myself.

AREA OF INTEREST

- **POWER ELECTRONIC**
- **ELECTRICAL MACHINE**
- **CONTROL SYSTEM**
- **BASIC SIGNAL AND SYSTEM**

Qualify Gate: 2011, 2012, 2013, 2014, and 2016

PROFESSIONAL EXPERIENCE

- **Asst Professor** AUGUST 2017-TILL DATE
Shambhunath institute of Engineering and Technology
Jhalwa Allahabad
- **Lecturer** AUGUST 2012 - JULY 2013
Madhu Vachaspati Institute of Engineering and Technology
Allahabad, U.P., India
- **Summer Trainee** JUNE 2010 - JULY 2010
Manufacturing of Transformer
Using GSP Technology

Organization: AREVA T & D Allahabad

CONFERENCES ATTENDED

- Presented paper on the title “Direct Torque Control Fed Induction Motor Drive using Fuzzy Logic Controller for Minimization of Ripple in electromagnetic Torque” in the international Conference on Advance Computational Technique and Communication Technology (ICACTICT-16)

PAPER PUBLISHED

- “Niraj Kumar Shukla, Kumar Shantanu, Kuldeep Kr. Singh, Rajeev Srivastava, “Energy Saving of Induction Motor Drive Using Artificial Intelligence Based Controllers”, International Journal of Control and Automation (IJCA), Volume 13, No.2 (2020), Pages: 652-664, ISSN: 2005-4297”
- “Performance analysis of separately excited dc motor using PI and Fuzzy logic controller” in International journal of Advance Research in Electrical, Electronic and Instrumentation Engineering (IJAREEIE) vol.6, issue 5, may 2017 ISSN-2278-8875.
- “Comparison analysis of DTC fed induction motor drive with or without using fuzzy logic controller” in International journal of Engineering and Research Technology (IJERT) ISSN 2278-0181 vol. 6 issue 05 may 2017.

RESEARCH PROJECT

- Performance Analysis of Direct Torque Control Fed Induction Motor Drive using Fuzzy Logic Controller for Torque Ripple Minimization.
- Completed a research project entitled ‘INVERTER’ at BBS College of Engg. & Tech. and its report submitted to BBS College of Engg. & Tech., Allahabad, U.P, India.

FACULTY DEVELOPMENT PROGRAMME

- 8 Days FDP on “Universal Human Value and Professional Ethics” in UCER Allahabad
- 5 Days FDP on “VLSI designing and signal processing” in SIET Allahabad
- 8 Days FDP on “Universal Human Value and Professional Ethics” in SIET Allahabad
- 5 Days FDP on “Smart Energy Delivery System” in SIET Allahabad

SEMINAR

- “Transmission and Distribution of Power” at BBS College of Engg. & Tech. Allahabad, U.P, India.
- “Direct Torque Control of Induction Motor: A Technical Review” at KNIT Sultanpur.

ACTIVITY

- Work as Volunteer in The 2nd National Power and Energy System Conference held in KNIT Sultanpur from April 10-11 2015.

- Work as Volunteer in the International Conference on Emerging Trend in Electrical, Electronic and Sustainable Energy System (ICTEESES) held in KNIT Sultanpur from March 11-12 2016.
- Organizer head of Nirmana (college tech fest).
- Head coordinator in farewell and fresher part.

ACADEMIC QUALIFICATION

- **M.TECH. (Power Electronic and Drive)**
Kamla Nehru Institute of Technology, Sultanpur
- **B.TECH. (Electrical and Electronic)**
BBS College of Engineering & Technology, Allahabad
(Uttar Pradesh Technical University, Lucknow)
- **XII CBSE BOARD**
(J.T Golden Jubilee School Allahabad)
- **XCBSE BOARD**
(J.T Golden Jubilee School Allahabad)

PERSONAL DETAILS

Date of birth : 16th NOV 1987
Gender : Male
Marital status : Single
Nationality : Indian

DECLARATION

I hereby declare that the above mentioned information is correct up to the best of my knowledge.

Place:

Dated: (KUMAR SHANTANU)