

# RESUME

## VARUN KUMAR

Asstt. Professor

Department of Electrical Engineering

Kamla Nehru Institute of Technology

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### EDUCATION/PROFESSIONAL QUALIFICATION.

<b>Post Graduate Qualification</b>	M.Tech (Power Electronics & Drives) from K.N.I.T, Sultanpur (Affiliated to Uttar Pradesh Technical University, Lucknow), with I <sup>st</sup> Div Honors in 2010.
<b>Graduate Qualification</b>	B.Tech (Electrical Engineering) from A.I.E.T, LKO (Affiliated to Uttar Pradesh Technical University, Lucknow), with I <sup>st</sup> Div in 2006.
<b>Academic Qualification</b>	High School from U.P. Board with I <sup>st</sup> Div in 2000. Intermediate from U.P. Board with I <sup>st</sup> Div in 2002.
<b>Ph.D</b> - Currently Pursing from AKTU Lucknow. <b>Area of Research</b> - Power System Stability, Z –Source Inverter, Artificial Neural Network, Grid Integration of Renewable energy system. DFIG based Wind farm.	

### PROFESSIONAL EXPERIENCE

Sr.	Institute	Work duration		Designation
		From	To	
1.	Institute of Aeronautics Lucknow (U.P.)	20-07-2006	20-07-2007	Lecturer
2.	K.N.I.P.S.S, Faridipur, Sultanpur (U.P)	20-04-2009	20-09-2010	Lecturer
3	Bipin Tripathi Kumaon Institute of Technology Dwarahat Almora U.K	23-08-2010	24-09-2011	Assistant Professor (contractual basis)
4	Bipin Tripathi Kumaon Institute of Technology Dwarahat Almora U.K(An Autonomous Government Engineering institute under 2f&12B of UGC Act )	26-09-2011	18-06-2013	Assistant Professor (Regular basis)
5	KNIT, Sultanpur (U.P.) (An Autonomous Government Engineering institute under 2f&12B of UGC Act )	From 20-06-2013		Assistant Professor (Regular basis)

## **Administrative Experience:**

- Ø Warden
- Ø Convener sports council
- Ø o/c Electrical Maintenance
- Ø o/c Departmental Library
- Ø o/c Departmental AICTE works
- Ø o/c Power electronics Lab
- Ø Departmental Seminar Incharge
- Ø Centre controller of UPSEE

## **SUBJECTS TAUGHT AT UG & PG Levels**

### **UNDERGRADUATE SUBJECTS:**

- Ø Electrical measurement and Measuring Instrument.
- Ø Electromechanical Energy Conversion-I.
- Ø Power system
- Ø Basic Electrical Engg.
- Ø Network Analysis and synthesis
- Ø Power Electronics
- Ø Utilization of Electrical power and Traction
- Ø Advanced Control system
- Ø Power station Practice

### **POST GRADUATE SUBJECTS:**

- Ø Power Electronics
- Ø Electrical drive
- Ø Advanced control system

## **Project Work**

Project (B.Tech.):-

- Ø PC Based Password Control Module.

Minor Project(M.Tech) :-

- Ø Z-source Inverter fed Induction Motor Drive using Simulink Modelling.

Dissertation(M.Tech):-

- Ø Performance Evaluation of Z-Source Inverter Fed Three Phase Induction Motor drive using PWM and SVPWM Techniques.

Seminar(M.Tech):-

- Ø PWM technology in Slip-Recovery Drives for Wound-Field Induction Motors.

## **PROFESSIONAL MEMBERSHIP**

- Ø Member IEEE
- Ø International Association of Engineers (IAENG)

## **MTech. Dissertation Guided:**

- 1) Priyanka Patel “Performance investigation of 3- phase AC/DC boost converter using MATLAB/Simulink” Nov 11, 2014
- 2) Avinash Mishra ‘A Performance Comparison between Three Phase Induction Motor Drive & Three Phase DTC-Induction Motor Drive Fed by Three Phase Matrix Converter through Space Vector Modulation Approach” Sept 2015.
- 3) Amit Kumar Singh “Minimization of Real Power using SVC in Power System

- Environment” July 2015.**
- 4) Vijay Shankar Singh “**Performance Evaluation of Z-Source multilevel inverter fed three phase induction motor drives**” Sept 2015.
  - 5) Umesh Chand Bind “**Performance Analysis of Bidirectional DC-DC Converter for Electric Vehicle Application**” July 2016.
  - 6) Kumar Shantanu “**Performance Analysis of Direct Torque control fed induction motor drive using Fuzzy Logic Controller for Torque Ripple minimization**” July 2016.
  - 7) Mohit Shukla “**Speed Control of Chopper fed separately Excited D.C. Motor employing PI, PID and fuzzy logic Controller**” July 2016.
  - 8) Arvind Pratap “**Enhancement of system power factor by DG and STATCOM with different load models in distribution networks**” April 2017.
  - 9) Roshan Kumar Gupta “**Analysis of Low Voltage Ride through Capability of FSIG Based Wind Farm Using STATCOM**”, April 2017.
  - 10) Vipin Patel “**Stability Enhancement of DFIG Based Offshore Wind Farm Connected Power System Network Using FACTS & PSS**”, June 2018.
  - 11) Akanksha Shukla “**Transient stability analysis of grid connected DFIG based wind turbine**” June 2018.
  - 12) Mohd. Haider “**EVALUATION OF STANDALONE SOLAR SYSTEM USING P & O AND INCREMENTAL CONDUCTANCE MAXIMUM POWER POINT TRACKING TECHNIQUES**” July,2018
  - 13) Chhaya Pal “**Stability Analysis of wind farm connected multi machine system using fuzzy controller based STATCOM and SVC**” July, 2019.
  - 14) Shivendra Saurabh “**Performance Analysis of DFIG based wind farms Integrated in Power system using AVR & PSS**” July,2019.
  - 15) Naveen Kumar Pandey “**Optimal Size and Location determination of Distributed Generation in Radial Distribution System**”
  - 16) Jai Shankar Rai “**Fault Analysis of Grid Connected Solar Photovoltaic System**” July 2019.
  - 17) Amit Kumar Yadav “**Wind Farm Integrated Fuzzy Logic Based FACTS Controlled Power System: Stability Analysis**” Sept. 2020.

## **LIST OF PUBLICATIONS:**

### **JOURNALS**

- 1) Mohit Shukla, Varun Kumar, R P Payasi “*Speed Control of Chopper fed Separately Excited D.C. Motor employing Conventional and Modern Controller*” International journal of scientific & Engineering Research (IJSER) ISSN 2229-2218.
- 2) Roshan Kumar Gupta, Varun Kumar, “*Analysis of Low Voltage Ride through Capability of FSIG Based Wind Farm Using STATCOM*” International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 04 Issue: 09 | Sep -2017.
- 3) Arvind Pratap, Bindeshwar Singh, Varun Kumar “*Comprehensive survey on optimal power flow and voltage profile enhancement*” International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 04 Issue: 12 | Dec-2017.
- 4) Vipin Patel, Varun Kumar, Dilip Kumar “*Coordinated Design of SVC & PSS for Stability Enhancement of DFIG-Based Offshore Wind Farm Connected to a Multi-Machine System*” International Journal of Advanced Research and Development (IJARnD) volume 3, Issue 4-April 2018.
- 5) Naveen Pandey, Varun Kumar, A S Pandey, “*Adaptive Optimal Size and location Determination of Distributed Generation in Radial Distributed*” International Journal of Research and Development in Applied Science and Engineering (IJRDASE) ISSN: 2454-6844, Volume 17, Issue 1, May 2018
- 6) Varun Kumar, Vipin Patel, A S Pandey, S K Sinha, Dilip Kumar “*Transient Stability*

- Enhancement of DFIG based Offshore Wind Farm Connected to a Power System Network using STATCOM*** International Journal of Engineering & Technology, volume 7, Issue:12 | July 18. (SCOPUS Journal).
- 7) Shivendra Saurabh, **Varun Kumar**, Yogesh Kumar Chauhan **“Performance Enhancement of DFIG Based Wind Farms Integrated in Power System using AVR & PSS”** International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 06 Issue: 11 | Nov 2019.
  - 8) Naveen Pandey, **Varun Kumar**, A. S. Pandey and V. P. Singh **“Distributed Generation Location Allotment for Optimized Power System Performance”** Algorithms for Intelligent Systems Springer, pp. 247-260, Jan. 2020, ISBN 978- 981-15-2368-7 (Print), ISBN 978-981-15-2369-4 (eBook). ISSN: 2524-7565.
  - 9) Jai Shankar Rai, Y. K. Chauhan, **Varun Kumar** **“Fault Analysis of Grid Connected Solar Photovoltaic System”** International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 7 Issue XI, Nov 2019.
  - 10) **Varun Kumar**, A. S. Pandey and S. K. Sinha **“Stability analysis of wind farm connected multi machine system using fuzzy controller based STATCOM and SVC”** International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019 .
  - 11) **Varun Kumar**, A. Shukla and A. S. Pandey, **“Transient Stability Enhancement of Grid Integrated DFIG Based Wind Energy Conversion System,”** 2020 International Conference on Contemporary Computing and Applications (IC3A), Lucknow, India, 2020, pp. 292-297, doi: 10.1109/IC3A48958.2020.233316.
  - 12) Kumar, Varun; Pandey, Ajay S.; Sinha, Sunil K. 2020. **“Stability Improvement of DFIG-Based Wind Farm Integrated Power System Using ANFIS Controlled STATCOM”** *Energies* 13, no. 18: 4707.

### **International Conferences**

- 1) Varun Kumar, Dinesh Kumar, A. K. Srivastava, and A. S. Pandey, **“Space Vector Pulse Width Modulation Controlled Z-Source Inverter for Adjustable Speed Drive”** International Conference on Advances in computing & Communication Engineering (ICACCE-2014), B.T.K.I.T, Dwarahat, India, pp. 212-218, 22-23 February 2014.
- 2) Dinesh Kumar, A. K. Srivastava, Varun Kumar and A. S. Pandey, **“Dynamic Performance Investigation of Hybrid Converter System fed Induction Motor Drive”** International Conference on Advances in computing & Communication Engineering (ICACCE-2014), B.T.K.I.T, Dwarahat, India, pp. 205-211, 22-23 February 2014.
- 3) Varun Kumar, A S Pandey, S K Sinha, **“Grid integration and power quality issue of wind & solar energy system: A Review”**, International conference on Emerging Trends in Electrical, Electronics & Sustainable Energy Systems organized by Department of Electrical Engg., at KNIT, Sultanpur, India, March 11-12, 2016(**IEEE Conference**).
- 4) Varun Kumar, Avinash Mishra, A S Pandey **“Performance analysis of matrix converter fed DTC- induction motor drive with different loading condition”**, International conference on Emerging Trends in Electrical, Electronics & Sustainable Energy Systems organized by Department of Electrical Engg., at KNIT, Sultanpur, India, March 11-12, 2016.
- 5) Kumar shantanu, Varun Kumar, R.P. Payasi, A S Pandey and S.K. Sinha **“Direct Torque control fed induction motor drive using Fuzzy Logic Controller for minimization of Ripple in Electromagnetic Torque”** International Conference on Advance Computational Technique in, Information & Communication Technology ICACTICT-16 KNIT, organized by Sultanpur, India, Sep 23-24 2016.
- 6) Varun Kumar, Umesh Chand Bind, A S Pandey **“Performance Analysis of Bidirectional DC-DC Converter for Electric Vehicle Application”** International Conference on Advance Computational Technique in Information & Communication Technology ICACTICT-16 KNIT, organized by Sultanpur, India, Sep 23-24 2016.
- 7) Varun Kumar, Vijay Kumar, A S Pandey **“A Comparative Study of Multilevel Inverter Fed Three-Phase IM Drive with & without Z-Source”** International

conference on Innovation Entrepreneurship and startup at KNIT, Sultanpur, India, March 03-04 2017.

- 8) **Varun Kumar**, Vipin Patel, A S Pandey, S K Sinha, Dilip Kumar “*Transient Stability Enhancement of DFIG Based Offshore Wind Farm Connected to a Power System Network Using STATCOM*” International conference on NEW TECHNOLOGICAL OPPORTUNITIES IN NETWORKING AND SCIENCES-2018 June 08-10, 2018.
- 9) Naveen Pandey, **Varun Kumar**, A. S. Pandey and V. P. Singh “*Distributed Generation Location Allotment for Optimized Power System Performance*” International conference on Computing Applications in Electrical & Electronics Engineering, August 30 - 31, 2019
- 10) **Varun Kumar**, Akanksha Shukla, A S Pandey “*Transient Stability Enhancement of Grid Integrated DFIG Based Wind Energy Conversion System*” INTERNATIONAL CONFERENCE ON CONTEMPORARY COMPUTING AND APPLICATIONS (IC3A-2020), Feb 05-07, 2020.

### **National Conferences**

- 1) Varun Kumar, A.S.Pandey, Vivek Kumar Saxena “*Performance Evaluation of Z-Source Inverter Fed Three Phase Induction Motor drive using PWM and SVPWM Techniques*”. National seminar on Innovation and Applications in Engineering & Applied sciences, GKV Haridwar November 9-10, 2011.
- 2) Bindeshwar singh, Varun Kumar, Prakrati Azad, Shubhendu anand ,vijay Shankar, “*Application of Artificial Intelligence Computational Technique in DC and AC Drives*” . 1<sup>st</sup> National conference on Power & Energy system in Electrical Engineering Deptt. KNIT Sultanpur April 25-26, 2014.
- 3) Presented a paper on “*Performance investigation of 3- phase AC/DC boost converter*” in 2nd National Power and Energy System Conference (NPESC- 2015), KNIT, Sultanpur, India, April 10-11, 2015.
- 4) Rizwan haider, A S pandey, A K gautam ,Varun Kumar, , “*Power quality improvement in Matrix converter using hybrid filter*” . 2<sup>st</sup> National conference on Power & Energy system in Electrical Engineering Deptt. KNIT Sultanpur April 10-11, 2015.
- 5) Anup kumar singh , A K gautam , R P Payasi, Varun Kumar , S P singh “*Failure study in Transformer & its prevention*” . 2<sup>st</sup> National conference on Power & Energy system in Electrical Engineering Deptt. KNIT Sultanpur April 10-11, 2015.
- 6) Avinash Mishra, Varun Kumar, R P Payasi, A K Srivastva “*A review on control strategies of Matrix Converter*” . 2<sup>st</sup> National conference on Power & Energy system in Electrical Engineering Deptt. KNIT Sultanpur April 10-11, 2015.
- 7) Mohit shukla , Varun Kumar, R P Payasi “*speed control of chopper fed separately excited DC motor employing PI, PID and Fuzzy logic controller*” National conference on Emerging Trends in Electrical & Electronics Engineering (NCETEEE) at IET Lucknow Aug 19-20, 2016.

### **Short Time Courses Attended**

- 1) Attend Two-week faculty development program on “*Entrepreneurship Development*”, sponsored by Entrepreneurship development institute of India, Ahmadabad under the aegis of department of science and technology, Government of India, New Delhi, in K.N.I.T, Sultanpur, Dec (16-27) 2013.
- 2) Attend one-week short term course on “*VLSI DESIGN THROUGH ICT*” sponsored by National Institute of Technical Teachers Training and Research Chandigarh (MHRD Government of India), March (10-14) 2014.
- 3) Attend one-week short term course on “*Solid state control of electric drives through ICT*” sponsored by National Institute of Technical Teachers Training and Research Chandigarh (MHRD Government of India), July (21-25) 2014.
- 4) Attend Two-week faculty development program on “*Entrepreneurship Development*”,

sponsored by Entrepreneurship development institute of India, Ahmadabad under the aegis of department of science and technology, Government of India, New Delhi, in K.N.I.T, Sultanpur, Feb (16-28) 2015.

- 5) Attend one-week short term course on "**MATHEMATICA 10**" sponsored by Technical education quality improvement program-II, March (23-27) 2014.
- 6) Attend one-week faculty development program on "**Essentials of Teaching – Learning Process**", sponsored by TEQIP II, World Bank Project in K.N.I.T Sultanpur, (April 27-May 02, 2015).
- 7) Attend one-week short term Training program on "**Simulation and Mathematical Tool for Engineering Application (SMTEA)**", sponsored by TEQIP II(World Bank Project ) at K.N.I.T Sultanpur,(July 27-31, 2015).
- 8) Attend one-week faculty development program on "**Embedded System Development**", in Electronics Engg. Dept., K.N.I.T Sultanpur, (November 02-06, 2015).
- 9) Attend Two-week faculty development program on "**Research Methodology Using Data Analytical Tools**", sponsored by AICTE (Government of India) New Delhi, organized by department of Mechanical Engg. at K.N.I.T Sultanpur, January (11-22) 2016.
- 10) Attend one-week faculty development program on "**Recent Advances in Numerical And Optimization Techniques**", sponsored by TEQIP II(World Bank Project) organized by department of Civil Engg. at K.N.I.T Sultanpur, (March 01- 05, 2016).
- 11) Attend one-week faculty development program on "**Disaster Management & Mitigation Measures**", sponsored by TEQIP II (World Bank Project) organized by department of Civil Engg. at K.N.I.T Sultanpur, (April 26-30, 2016).
- 12) Attend one-week faculty development program on "**Entrepreneurship Development**", in collaboration with SPFU, U.P. Lucknow (TEQIP II) organized by Institute of Entrepreneurship Development (U.P. Lucknow) at Lucknow, (29 Aug.- 02 Sept., 2016).
- 13) Attend one-week faculty development program on "**Recent Advances in Renewable Energy Technologies and Smart Micro-grids**" sponsored by TEQIP II(World Bank Project) organized by department of Electrical Engg. at K.N.I.T Sultanpur, (Sept. 13-17, 2016).
- 14) Attend one-week Training programme on "**Performance Management & Knowledge Management**" organized by National Productivity Council Ministry of Industry, Government of India, February 13-17, 2017 at, Goa.
- 15) Attend one-week faculty development program on "**Intellectual Property Right & Entrepreneurship Development**" supported by TEQIP III (World Bank Project) organized by Institute of Entrepreneurship Development (U.P. Lucknow) at K.N.I.T Sultanpur, (Feb. 13-17, 2018).
- 16) Attend one-week faculty development program on "**Recent Advances in distribution Generation Systems and Management (RADGSM-18)**" supported by TEQIP III (World Bank Project) organized by department of Electrical Engg. at K.N.I.T Sultanpur, (April. 02-06, 2018).
- 17) Attend one-week special summer workshop on "**Active Learning, Autonomy, Academic Governance and R&D**" supported by TEQIP III (World Bank Project) organized by IIT Roorkee, (June 04-08, 2018).
- 18) Attend one-week STC on "**Advances Power Technologies (APT-2018)**" supported by TEQIP III (World Bank Project) jointly organized by department of Electrical Engg ,MNNIT Allahabad & department of Electrical Engg. at K.N.I.T Sultanpur (Sept. 10-14, 2018).
- 19) Attend one-week STC on "**Emerging Power Technologies and Management (EPTM-2019)**" supported by TEQIP III (World Bank Project) jointly organized Department of Electrical Engg , K.N.I.T Sultanpur & Department of Electrical Engg ,MNNIT Allahabad, (April. 08-13, 2019).
- 20) Attend one-week faculty development program on "**ICT in Advanced Teaching and Learning for Academicians: A Gateway to Technical Excellence**" supported by Ministry of Electronics and information Technology, Govt. of India, Electronics and ICT Academy NIT Patna & Department of Electrical Engg K.N.I.T Sultanpur, (March 26-30, 2019).

- 21) Attend one-week faculty development program on “*practical Aspects of Optimization 2019*”, supported by TEQIP III (World Bank Project), organized by department of Mechanical Engg. at K.N.I.T Sultanpur, Aug (01-05) 2019.
- 22) Attend Two-week FDP on “*Lean & Six Sigma*” sponsored by AICTE and organized by Department of Mechanical Engineering, K.N.I.T, (Nov. 20 to Dec 01,2019).
- 23) Attend one-week Short term training program on “*Simulation Techniques for Engineering Research*” sponsored by AICTE & organized Electronics Engg. Dept K.N.I.T Sultanpur, (Nov. 14-19, 2019).

### **Conference/Workshop/ Seminar Attended**

- 1) Attend a Two-day workshop on “*Laboratory teaching in Electrical Engineering-LTEE,08*” in K.N.I.T, Sultanpur, 28-29 Feb 2008.
- 2) Attend a Two-day workshop on “*Development of Embedded system using C for ARM microcontroller*” in BCT KEC Dwarahat Almora U.K., 25-28 Oct 2010.
- 3) Attend A one day “*NPTEL*” awareness workshop in K.N.I.T, Sultanpur, 2 Aug, 2013.
- 4) Attend A National Level Seminar on “*Advances in power system*”. in K.N.I.T, Sultanpur. 7-Sept. 2013
- 5) Attend A one day workshop on “*Design & Simulation of Embedded System*” organized by K.N.I.T. Sultanpur on october 22, 2013.
- 6) Attend A one day workshop on “*Recent simulation techniques and Tools*” organized by K.N.I.T. Sultanpur on April 29, 2014.
- 7) Attend a two-day workshop on “*Advances in optimization techniques and their application in power system*” organized by K.N.I.T. Sultanpur on Feb. 20-21, 2015.
- 8) Attend a two-day National Conference “*2nd National Power and Energy System Conference (NPESC-2015)*”, KNIT, Sultanpur, India, April 10-11, 2015
- 9) Attend a two-day workshop on “*Advances in Remote Sensing & GIS*” organized by K.N.I.T. Sultanpur on Sept. 18-19, 2015.
- 10) Attend A National Level Seminar on “*Matlab & Its Applications in Electrical Engineering-(MAEE 09)*”. in K.N.I.T, Sultanpur.
- 11) Attend a two-day workshop on “*Out Come based Accreditation for Undergraduate Engineering Programs*” supported by TEQIP III (World Bank Project) organized at K.N.I.T Sultanpur, (March. 19-20, 2018).
- 12) Attend a two-day workshop on “*Cloud-Age Technology*” supported by TEQIP III (World Bank Project) organized at K.N.I.T Sultanpur, (Nov. 20-21, 2019).

### **Chaired the Technical Session in Conferences**

- 1) 2nd National Power and Energy System Conference (NPESC-2015), KNIT, Sultanpur, India, April 10-11, 2015.
- 2) International conference on New Technological opportunities in Networking and Science (NEWTONS) on 8-10 June ,2018 at SIT Uttarakhand, India.

### **Conference/workshop Organized**

- 1) Organizing committee member, *National conference on recent trends in energy systems (NCRTES-2013)*, KNIT, Sultanpur, India, April 5-6, 2013.
- 2) Organizing committee member, One day national seminar on “*Advances in Power System*”, KNIT, Sultanpur, India, Sept. 7, 2013.
- 3) Organizing committee member, *1st National Power and Energy System Conference (NPESC-2014)*, KNIT, Sultanpur, India, April 25-26, 2014
- 4) Organizing committee member, *Advances in Optimization Techniques and their Applications in Power Systems (WAOTAPS-2015)*, KNIT, Sultanpur , Feb. 20- 21, 2015

- 5) Organizing secretary, **2nd National Power and Energy System Conference (NPESC-2015)**, KNIT, Sultanpur, India, April 10-11, 2015.
- 6) Expert member, **Workshop on Curriculum Development in Electrical Engineering (WCDEE-2015)** KNIT Sultanpur, India, May 15-16, 2015.
- 7) Expert member, **2nd Workshop on Curriculum Development in Electrical Engineering (WCDEE-2015)** KNIT Sultanpur, India, June 26-27, 2015.
- 8) Organizing committee member, **International conference on Emerging Trends in Electrical, Electronics & Sustainable Energy Systems** organized by Department of Electrical Engg., at KNIT, Sultanpur, India, March 11-12 2016.
- 9) Work as a convener in the faculty development program on **“Recent Advances in Renewable Energy Technologies and Smart Micro-grids** sponsored by TEQIP II (World Bank Project) organized by department of Electrical Engg. at K.N.I.T Sultanpur, (Sept. 13-17, 2016).
- 10) Work as a convener in the short term course on **“Thermal Power Plants : Past & Present** sponsored by TEQIP II (World Bank Project) organized by department of Mechanical Engg. at K.N.I.T Sultanpur, (Feb. 20-25, 2017).
- 11) Work as a convener in induction program of **“B.Tech. and MCA First year students”** sponsored by TEQIP III (World Bank Project) organized by K.N.I.T Sultanpur, (Jan. 26 to Feb 01, 2018).
- 12) Work as a Organizing Secretary of one-week faculty development program on **“Recent Advances in distribution Generation Systems and Management (RADGSM-18)”** supported by TEQIP III (World Bank Project) organized by department of Electrical Engg. at K.N.I.T Sultanpur, (April. 02-06, 2018).
- 13) Work as a Convener of one-week STC on **“Emerging Power Technologies and Management (EPTM-2019)”** supported by TEQIP III (World Bank Project) jointly organized Department of Electrical Engg. , K.N.I.T Sultanpur & Department of Electrical Engg ,MNNIT Allahabad, (April. 08-13, 2019).
- 14) Organizing committee member in one week STC on **Essential of Teaching - Learning Process”** organized by KNIT, Sultanpur, India, Feb 17-22, 2020.
- 15) Organizing committee member in one week STC on **“Simulation Techniques for Engineering Research”** sponsored by AICTE & Organized Electronics Engg. Dept K.N.I.T Sultanpur, (Nov. 14-19, 2019).

### **PERSONAL PROFILE**

Ø Father's Name	Dr. Adarsh Kumar
Ø Date of Birth	Sep 25th, 1986
Ø Sex	Male
Ø Nationality	Indian
Ø Marital Status	married
Ø Language known	Hindi, English
Ø Permanent Address	B-13 Avas Vikas Colony, Meera Bhavan Pratapgarh (U.P.)



Varun Kumar