

CURRICULUM VITAE

Dr. FARHAD ILAHI BAKHSH (Assistant Professor, SoET, BGSBU, Rajouri, J & K)

4/1150,
OPPOSITE NIZAM SHOP,
MOHAMMAD NAGAR,
NEAR TAYYAB COLONY,
ALIGARH – 202001, U.P., INDIA.



farhad@bgsbu.ac.in
farhad.engg@gmail.com

☎: +91-7983725474

☎: +91-9045300569

Career Objective:

To secure a challenging position where I can effectively contribute my skills.

Educational Qualifications:

Year	Course	Branch	College/ School	Board	% Marks/ CPI	Division	Distinction/ Position
2017	Ph. D.	Renewable Energy Systems	Indian Institute of Technology Roorkee	IIT Roorkee	-	-	'A' grade in all Subjects and Seminar
2012	M. Tech.	Power System & Drives	Zakir Husain College of Engineering & Technology	A.M.U.	80.86	1 st	First Position
2010	B. Tech.	Electrical	Zakir Husain College of Engineering & Technology	A.M.U.	9.023	1 st	First Division with Hons.
2006	Diploma In Engineering	Electrical	University Polytechnic	A.M.U.	88.11	1 st	First Position with Gold Medal
2002	Tenth	Science	Iqra Public School, Aligarh	C.B.S.E.	65.20	1 st	Science

Domain of Interest:

- Machines
- Renewable Energy Systems (SPV, Wind, etc)
- Alternate Energy Vehicles
- Power Electronics and Drives
- Power System

Software Skills:

- MATLAB Simulink
- OPAL-RT Simulator

Published Patents:

1. M. S. Jamil Asghar, and **Farhad Ilahi Bakhsh**, "A rotor power control based flexible asynchronous AC link (FASAL) system," Patent Application# 1871/DEL/2010 A, Official Journal of Patent Office, **Issue No.44/2010** dated 29/10/2010.
2. Basharat Ahmad, **Farhad Ilahi Bakhsh**, and M. S. Jamil Asghar, "A miss-call based switching system for multiple loads or appliances," Patent Application# 2742/ DEL/ 2011 A, Official Journal of Patent Office, **Issue No.49/2011** dated 09/12/2011.

3. **Farhad Ilahi Bakhsh**, and M. S. Jamil Asghar, “A power controller circuit based flexible asynchronous AC link (FASAL) system for induction generator applications,” Patent Application# 2540/DEL/2010 A, Official Journal of Patent Office, **Issue No.17/2012** dated 27/04/2012.
4. M. S. Jamil Asghar, and **Farhad Ilahi Bakhsh**, “A combined voltage control and rotor power control based flexible asynchronous AC link (FASAL) system,” Patent Application# 647/DEL/2012 A, Official Journal of Patent Office, **Issue No. 33/2013** dated 16/08/2013.

Citation of Patents:

- Power Engineering News, Pennwell Publ Co Energy Group, USA.
- BigPatents India.

Published Papers:

1. Neetan Sharma, Farhad Ilahi Bakhsh, Shivinder Mehta, “Efficiency Enhancement of a Solar Power Plant Using Maximum Power Point Tracking Techniques” IEEE International Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES-18), Integral University, Lucknow, India, 14-15 September, 2018.
2. Shivinder Mehta, Farhad Ilahi Bakhsh, Neetan Sharma, “Efficient Energy Management and Grid Interconnection of Solar PV System” International Journal of Engineering & Technology, Vol. 7, pp. 1273-1277, August 2018.
3. Md. Ibrahim, M. A. Mallick and Farhad Ilahi Bakhsh, “Design of SPV System for ICT Application – A Case Study” International conference on New Technological Opportunities in Networking and Sciences, Pithoragarh, India, 8-10 June 2018.
4. M. Tabrez, **Farhad Ilahi Bakhsh** and Mahboob Hassan, “A comparative simulation study of different sensorless permanent magnet synchronous motor drives using neural network and fuzzy logic,” Journal of Intelligent and Fuzzy Systems, IOS Press, pp. 1-8, July 2018.
5. Faizah Fayaz , Saima Yaqub, Mohd Irfan khan, Faheem Bashir and **Farhad Ilahi Bakhsh**, “MATLAB Simulink Modeling of Hybrid Electric Vehicles”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 4, Issue 1, April 2018.
6. Neetan Sharma, **Farhad Ilahi Bakhsh**, Shivinder Mehta, “Green Independence” International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 4, Issue 1, pp. 85-92, April 2018.
7. Mohd Irfan Khan, and **Farhad Ilahi Bakhsh**, “Overview of Hybrid Electric Vehicles,” International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol 4, Issue 1, pp. 26-31, January 2018.
8. Faheem Bashir, and **Farhad Ilahi Bakhsh**, “Energy Management Strategies in Hybrid Electric Vehicles (HEVs),” International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol 4, Issue 1, pp. 42-45, January 2018.
9. Faizah Fayaz, and **Farhad Ilahi Bakhsh**, “A comparative Study of Hybrid Electric Vehicles,” International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol 4, Issue 1, pp. 19-25, January 2018.
10. Saima Yaqub, and **Farhad Ilahi Bakhsh**, “Hybrid Electric Vehicles: An Art of Review,” International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol 4, Issue 1, pp. 32-41, January 2018.
11. M. Tabrez, **Farhad Ilahi Bakhsh** and Sami. Al-Ghanimi, “Position Control of Sensor-less vector control of a Permanent Magnet Synchronous Motor,” International Conference on Intelligent Sustainable Systems (ICISS 2017), SCAD Institute of Technology at Palladam, Tirupur, India, pp. 375 – 378, 7-8 Dec. 2017.
12. Md. Tabrez, Nidal Rafiuddin, Md. Asif Hasan and **Farhad Ilahi Bakhsh**, “Upgrading Cars Running on Indian Roads: Analyzing Its Impact on Environment Using ANN,” IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, pp. 1156-1160, 18-19 July, 2017.
13. Arfan Ahmed Lone, and **Farhad Ilahi Bakhsh**, “An Art of Review on Simultaneous AC- DC Transmission System,” National Conference on Future Innovations & Research in Science and Technology, IIMT Engineering College, Meerut, India, pp. 4-8, 22-23 April, 2017.

14. Mohd Asif, and **Farhad Ilahi Bakhsh**, "A Review on Power Upgradation Using Simultaneous AC-DC Transmission System," *International Journal of Applied Science and Technology*, Vol. 9, No. 1, pp. 9-13, 2017.
15. Hamez Ul Haq, and **Farhad Ilahi Bakhsh**, "A Review on Sun-tracking Methods for Maximizing Solar Systems Output," *National Conference on Future Innovations & Research in Science and Technology*, IIMT Engineering College, Meerut, India, pp. 14-18, 22-23 April, 2017.
16. Ishtyaq Choudhary, and **Farhad Ilahi Bakhsh**, "A Review on Solar Tracking Techniques for SPV Systems," *International Journal of Applied Science and Technology*, Vol. 9, No. 1, pp. 19-23, 2017.
17. Ruqaya Mohi u din, and **Farhad Ilahi Bakhsh**, "Efficient Utilization of Solar Energy Using Solar Tracking," *International Journal of Applied Science and Technology*, Vol. 9, No. 1, pp. 37-43, 2017.
18. Saiyma Batool, and **Farhad Ilahi Bakhsh**, "Optimization of Solar Tracking," *National Conference on Future Innovations & Research in Science and Technology*, IIMT Engineering College, Meerut, India, pp. 44-49, 22-23 April, 2017.
19. Shafia Khanam, and **Farhad Ilahi Bakhsh**, "A Review on Stability Improvement of Power System by Simultaneous AC-DC Transmission," *International Journal of Applied Science and Technology*, Vol. 9, No. 1, pp. 55-58, 2017.
20. Zarka Mirza, and **Farhad Ilahi Bakhsh**, "A Review on Simultaneous AC-DC Transmission System," *International Journal of Applied Science and Technology*, Vol. 9, No. 1, pp. 235-239, 2017.
21. **Farhad Ilahi Bakhsh**, and Dheeraj Kumar Khatod, "A new synchronous generator based wind energy conversion system feeding an isolated load through variable frequency transformer," **Renewable Energy, Elsevier**, vol. 86, pp. 106–116, Feb. 2016.
22. Shahbaz Ahmad, **Farhad Ilahi Bakhsh**, and M. S. Jamil Asghar, "A Novel DC-to-AC Grid Connected Multi-level Inverter Topology," *International Conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE)*, Amity University, India, 12-13 March, 2015.
23. **Farhad Ilahi Bakhsh**, and Dheeraj Kumar Khatod, "A Novel Method for Grid Integration of Synchronous Generator Based Wind Energy Generation System," **IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), IIT Bombay**, India, 16-19 Dec., 2014.
24. **Farhad Ilahi Bakhsh**, and Dheeraj Kumar Khatod, "Application of variable frequency transformer (VFT) for grid interconnection of PMSG based wind energy generation system," **Sustainable Energy Technologies and Assessments, Elsevier**, vol. 8, pp. 172– 180, Dec. 2014.
25. **Farhad Ilahi Bakhsh**, M. Munawaar Shees, and M. S. Jamil Asghar, "Performance of Wound Rotor Induction Generators with the Combination of Input Voltage and Slip Power Control," **Russian Electrical Engineering, Springer**, Vol. 85, No. 6, pp. 403–417, June 2014.
26. **Farhad Ilahi Bakhsh**, "An Overview of a DC-to- AC Controlled Multi-level Inverter", *Zaytoonah University International Engineering Conference on Design and Innovation in Sustainability 2014 (ZEC Infrastructure 2014)*, Amman, Jordan, May 13-15, 2014.
27. **Farhad Ilahi Bakhsh**, and Dheeraj Kumar Khatod, "Closed loop Control Analysis of Variable Frequency Transformer (VFT)," *IEEE Students' Conference on Electrical, Electronics and Computer Sciences*, Bhopal, India, 1-2 March, 2014.
28. **Farhad Ilahi Bakhsh**, and Dheeraj Kumar Khatod, "Digital Simulation of VFT Applications between Power System Networks," *Fourth International Joint Conference on Advances in Engineering and Technology*, NCR, India, pp. 60-74, 13-14 Dec., 2013.
29. Sarita Pandey, Shirazul Islam, and **Farhad Ilahi Bakhsh**, Haneef Khan, "Power Quality Improvement of Matrix Converter Based Wind Energy Conversion System," **An International Journal of Science & Technology, S & T Review**, Vol. 2, No. 2, pp. 09–15, 2013.
30. Shahbaz Ahmad, **Farhad Ilahi Bakhsh**, and M. S. Jamil Asghar, "A Novel DC-to-AC Controlled Multi-level Inverter," *International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT)*, AMU, India, pp. 315-319, 23-25 Nov., 2013.
31. Shirazul Islam, **Farhad Ilahi Bakhsh**, Atif Iqbal, Mohammad Saleh, Akhtar Kalam, "Stability analysis of a series-connected five-phase induction motor drive system using flux-linkage model," *8th IEEE Conference on Industrial Electronics and Applications (ICIEA)*, Melbourne, Australia, pp. 445-450, 19-21 June, 2013.
32. **Farhad Ilahi Bakhsh**, and Dheeraj Kumar Khatod, "Variable Frequency Transformer - State of the Art Review," *IEEE International Conference on Energy Efficient Technologies for Sustainability (ICEETS'13)*, Nagercoil, Tamilnadu, India, pp. 1012-1017, 10-12 April, 2013.

33. Shirazul Islam, **Farhad Ilahi Bakhsh**, Shamsuddin Ahmad and Atif Iqbal, "Stability Analysis of a Three-phase Converter Controlled DC Motor Drive," 3rd International Conference on Advanced Computing & Communication Technologies (ACCT 2013), Rohtak, Haryana, India, 6-7 April, 2013.
34. **Farhad Ilahi Bakhsh**, Shirazul Islam, and Sayeed Ahmad, "Simulation for Performance Analysis of Grid-connected Induction Generators with Input Voltage Control," 3rd International Conference on Advanced Computing & Communication Technologies (ACCT 2013), Rohtak, Haryana, India, 6-7 April, 2013.
35. **Farhad Ilahi Bakhsh**, "VFT Application for Asynchronous Power Transfer," **Int. J. on Control System and Instrumentation, USA**, Vol. 4, No. 1, pp. 1-7, Feb 2013.
36. Shirazul Islam, Shamsuddin Ahmad, Atif Iqbal, and **Farhad Ilahi Bakhsh**, "Simplified Stability Analysis of a V/f Controlled Closed-loop Induction Motor Drive System," IEEE Fifth POWER INDIA Conference (PICONF 2012), Haryana, India, 19-22 Dec., 2012.
37. Shirazul Islam, **Farhad Ilahi Bakhsh**, Shamsuddin Ahmad, and Atif Iqbal, "Simplified Stability Analysis of a three-phase Induction Motor Drive System," IEEE Fifth India International Conference on Power Electronics (IICPE 2012), Delhi, India, 6-8 Dec., 2012.
38. Mahboob Hassan, Mujibullah Zuberi, **Farhad Ilahi Bakhsh**, and Ekram Husain, "Analysis of Partial Discharge in Solid Sheet Insulation using CIGRE-II Method," 2012 International conference on Advances in Power Conversion and Energy Technologies (APCET), Andhra Pradesh, India, August 2-4, 2012.
39. Sarita Pandey, Shirazul Islam, and **Farhad Ilahi Bakhsh**, "Application of Matrix Converter to Enhance the Performance of Wind Turbine Driven Asynchronous Generator: A Review," International Conference on Emerging Trends in Engineering and Technology, TMU, Moradabad, India, 6-7 April, 2012.
40. **Farhad Ilahi Bakhsh**, Shirazul Islam, and Mohammad Khursheed, "Performance Analysis of Low Wind Speed Based Grid-connected Wound Rotor Induction Generator using Input Voltage Control Scheme and Slip Power Control Scheme," International Conference on Emerging Trends in Engineering and Technology, TMU, Moradabad, India, 6-7 April, 2012.
41. Khaliquir Rahman, Dr. Abu Tariq, and **Farhad Ilahi Bakhsh**, "Modeling and Analysis of Multilevel Inverters Using Unipolar and Bipolar Switching Schemes," IEEE - International Conference on Advances in Engineering, Science and Management (ICAESM), Tamilnadu, India, pp. 466-471, 30-31 March, 2012.
42. M. Munawaar Shees, **Farhad Ilahi Bakhsh**, and M. S. Jamil Asghar, "Combined Input Voltage and Slip Power Control of low power Wind-Driven Wound Rotor Induction Generators," International Journal of Power Electronics Converter (IJPEC), Vol. 1, No. 1, pp. 10-19, 2012.
43. Shirazul Islam, **Farhad Ilahi Bakhsh**, Mohammad Khursheed, Shamsuddin Ahmad, and Atif Iqbal, "A Novel Technique for the Design of Controller of a Vector-Controlled Permanent Magnet Synchronous Motor Drive" Annual IEEE India Conference (INDICON 2011), BITS Hyderabad, India, 16-18 Dec., 2011.
44. Mohd Khursheed, Adil Sarwar, Shirazul Islam, and **Farhad Ilahi Bakhsh**, "Performance Evaluation of an Indirect Vector Controlled Drive Using Synchronous Current Controller," International Journal of Engineering Research and Applications (IJERA), vol. 1, no. 4, pp. 2248-9622, Dec. 2011.
45. Adil Sarwar, M. S. Jamil Asghar, and **Farhad Ilahi Bakhsh**, "Microcontroller Based Novel Dc-to-Ac Grid Connected Inverter Topology," **Int. J. on Electrical and Power Engineering, USA**, Vol. 02, No. 03, pp. 14-18, Nov 2011.
46. **Farhad Ilahi Bakhsh**, Shirazul Islam, and Mohd Khursheed, "Modeling, Analysis and Simulation of VFT for Power Flow Control through Asynchronous Power Systems," **Int. J. on Electrical and Power Engineering, USA**, Vol. 02, No. 03, pp. 4-8, Nov 2011.
47. **Farhad Ilahi Bakhsh**, Shirazul Islam, Md. Tabrez, and Amit Kumar Sharma, "Wind Energy Potential in India – An Overview," Emerging Trends in Electrical & Electronics Engineering (ETEEE-2011), Sultanpur, India, 26-27 Nov., 2011.
48. M. Munawar Shees, **Farhad Ilahi Bakhsh**, M.S. Jamil Asghar, and M. A. Abdel-halim, "Power factor Improvement of Combined Input Voltage and Slip Power Control of low power Wound Rotor Induction Generators," International Journal of Engineering Research and Applications (IJERA), vol. 1, no. 3, pp. 963-968, Oct. 2011.

49. Shirazul Islam , Mohammad Khursheed, **Farhad Ilahi Bakhsh**, and Atif Iqbal, “Design and Performance Analysis of an Indirect Vector-Controlled Closed-loop Drive System using D-partition Technique,” IEEE International Conference on Process Automation, Control and Computing, Coimbatore, Kerala, India, 20-22 July, 2011.
50. **Farhad Ilahi Bakhsh**, Mohammad Irshad, and Shirazul Islam, “New Model Variable Frequency Transformer (NMVFT) – A Technology for V/f Control of Induction Motors,” **Int. J. on Electrical and Power Engineering, USA**, Vol. 02, No. 01, pp. 11-15, Feb 2011.
51. **Farhad Ilahi Bakhsh**, and Mohammad Saad Alam, “Comparative Study of Alternative Energy Vehicles: State of the art Review,” Power, Instrumentation & Energy Conference, AMU Aligarh, India, 12-13 Feb., 2011.
52. **Farhad Ilahi Bakhsh**, Mohammad Irshad, and M. S. Jamil Asghar, “Modeling and Simulation of Variable Frequency Transformer for Power Transfer in-between Power System Networks,” IEEE India International Conference on Power Electronics (IICPE 2011), Delhi, India, 28-30 Jan., 2011.
53. M. Rizwan Khan, Atif Iqbal, and **Farhad Ilahi Bakhsh**, “Digital Simulation of Variable Frequency Transformer,” IEEE Joint **International conference on Power Electronics, Drives and Energy Systems (PEDES)& Power India, IIT Delhi**, India, Dec. 20-23, 2010.
54. Mohd Tariq, **Farhad Ilahi Bakhsh**, Sarfraz Alam Khan, and Mohammad Asim, “Solar Based Space Cooling System in Building – A Case Study of Maulana Azad Library, AMU,” **International Journal of Recent Trends in Engineering and Technology, USA**, Vol. 4, No. 4, pp. 167-169, Nov. 2010.
55. **Farhad Ilahi Bakhsh**, and Md. Rizwan Khan, “Variable Frequency Transformer – An Alternative Method for v/f control of Induction Motors,” Control of Power Electronic, Drives and Systems (CPEDS), Andhra University, Visakhapatnam, A.P., India, pp. 77-82, 30 – 31 May, 2010.

Book/ Chapter:

1. Shirazul Islam, **Farhad Ilahi Bakhsh** and Qamar Ul Islam, “Modeling and Analysis of the Photovoltaic Array feeding a Single Phase SPWM Inverter,” Advances in Intelligent Systems and Computing, Springer Book Series (Accepted).

Keynote Speaker/ Invited Talk/ Session Chair/ Lectures/ etc.:

1. Delivered an Invited Talk in “IEEE International Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES-18)” held at Integral University, Lucknow on 14-15 September, 2018.
2. Chaired a session in “IEEE International Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES-18)” held at Integral University, Lucknow on 14-15 September, 2018.
3. Chaired a session in “International Conference on Manufacturing, Advance Computing, Renewable Energy and Communication (MARC 2018),” held at HMR Institute of Technology & Management, Delhi, India, 19-20 July, 2018.
4. Delivered an Invited Talk in “International conference on New Technological Opportunities in Networking and Sciences,” held at SIT Pithoragarh, India, 8-10 June 2018.
5. Delivered a Expert Lecture in one week Short Term Course on “Recent Advances in Power & Energy Engineering” from 12-16 March 2018 at EREE, SOET, BGSBU.
6. Delivered an Invited Talk in “International conference on Signals, Machines and Automation (SIGMA 2018),” held at NSIT, Delhi, India, 23-25 Feb., 2018.
7. Chaired a session in “International conference on Signals, Machines and Automation (SIGMA 2018),” held at NSIT, Delhi, India, 23-25 Feb., 2018.
8. Delivered an Expert Lecture on “Analysis of Variable Frequency Transformer,” at IIMT, Meerut, India on 03 Feb., 2018.
9. Keynote speaker in “6th World Conference on Applied Science Engineering and Technology (WCASET - 18)” held at Goa, India on 2-3 January, 2018.
10. Chaired a session in “6th World Conference on Applied Science Engineering and Technology (WCASET - 18)” held at Goa, India on 2-3 January, 2018.

11. Keynote speaker in “National Conference on Future Innovations & Research In Science & Technology,” held at IIMT Engineering College, Meerut, India, 22-23 April, 2017 sponsored by IEEE U.P. Section.
12. Delivered a series of lectures in the workshop on “Basics of MATLAB Programming & Simulink” from 15th – 19th November, 2016 held at School of Engineering & Technology, BGSBU.
13. Delivered an Invited talk on “Grid Integration of Wind Energy System” on 8th Feb., 2016 in Department of Electrical Engineering at at Zakir Husain College of Engineering and Technology, AMU, Aligarh.

External Examiner:

- Power System Laboratory, Baba Ghulam Shah Badsha University, Rajouri, J&K.
- Basic Electrical Laboratory, Baba Ghulam Shah Badsha University, Rajouri, J&K.
- Power Electronics Laboratory, Baba Ghulam Shah Badsha University, Rajouri, J&K.

Projects Submitted:

- Anwar Shahzad Siddiqui and **Farhad Ilahi Bakhsh**, “Variable Frequency Transformer (VFT) Application In Rural Electrification,” Extra Mural Research Funding (Individual Centric), Engineering Sciences, Electrical Electronics & Computer Engineering, **EMR/2016/000852 (Ver-1)** on 26-Apr-2016.

Abroad Attended Conferences:

- Attended “First Taibah University International Conference on Computing and Information Technology,” Madinah, Kingdom of Saudi Arabia, in 19-21/4/1433 Hijri (12-14 March, 2012).

Paper Presented in Conferences/ Symposia/ etc.:

1. Presented paper in "Solar conference" during cognizance 2010 in IIT, Roorkee.
2. Presented paper in "International Joint Conference on Advances in Engineering and Technology (AET 2010)" held at Trivandrum, Kerala, India, 22-23 Dec., 2010.
3. Presented paper in "IEEE Indian International Conference on Power Electronics (IICPE)" held at Delhi, India, 28-30 Jan., 2011.
4. Presented paper in "Power, Instrumentation & Energy Conference" held at Dept. of Electrical Engg., AMU, Aligarh, India, 12-13 Feb., 2011.
5. Presented paper in "National conference on Sustainable Development in Energy Sector" held at University of Petroleum & Energy Studies, Dehradun on 8th & 9th April, 2011.
6. Presented paper in National conference on “Emerging Trends in electrical and Electronics Engineering” held at KNIT, Sultanpur, India on 26-27 Nov., 2011.
7. Presented paper in "2011 PRESENT AROUND THE WORLD COMPETITION REGIONAL LEVEL" organized by IET (UK) held at Amity University, Noida on 10th May 2011.
8. Presented innovative idea “Development of A Low Cost Electrical Energy Saving Circuit” in “RE-Innovate” during “REthopia 2011- Renewable Energy: Road to Green Future” held on 18th November 2011 at TERI University, New Delhi.
9. Presented two papers in "Second International Joint Conference on Advances in Engineering and Technology (AET 2011)" held at Noida, U.P., India, 20-21 Dec., 2011.
10. Presented paper in “IEEE - International Conference on Advances in Engineering, Science and Managment (ICAESM),” held at Tamilnadu, India, 30-31 March, 2012.
11. Presented paper in “International Conference on Emerging Trends in Engineering and Technology,” held at TMU, Moradabad, India, 6-7 April, 2012.
12. Presented paper in “IEEE Fifth India International Conference on Power Electronics (IICPE 2012),” held at DTU, Delhi, India, 6-8 Dec., 2012.
13. Presented paper in “IEEE Fifth POWER INDIA Conference (PICONF 2012),” held at Murthal, Haryana, India, 19-22 Dec., 2012.
14. Presented paper in “3rd International Conference on Advanced Computing & Communication Technologies (ACCT 2013),” held at Rohtak, Haryana, India, 6-7 April, 2013.

15. Presented paper in “IEEE International Conference on Energy Efficient Technologies for Sustainability (ICEETS’13),” held at Nagercoil, Tamilnadu, India, 10-12 April, 2013.
16. Presented paper in “Fourth International Joint Conference on Advances in Engineering and Technology,” held at NCR, India, 13-14 Dec., 2013.
17. Presented paper in “IEEE Students' Conference on Electrical, Electronics and Computer Sciences,” held at Bhopal, India, 1-2 March, 2014.
18. Presented paper in “IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES),” held at IIT Bombay, India, 16-19 Dec., 2014.
19. Presented paper in “National Conference on Future Innovations & Research In Science & Technology,” held at IIMT Engineering College, Meerut, India, 22-23 April, 2017.
20. Presented paper in “IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC),” held at Erode, India, 18-19 July, 2017.
21. Presented paper in “International Conference on Intelligent Sustainable Systems (ICISS 2017),” held at SCAD Institute of Technology, Palladam, Tirupur, India, 7-8 Dec. 2017.
22. Presented four papers in “6th World Conference on Applied Science, Engineering & Technology,” Goa, India, January 2-3, 2018.
23. Presented two papers in “International conference on Signals, Machines and Automation (SIGMA 2018),” held at NSIT, Delhi, India, 23-25 Feb., 2018.
24. Presented a paper in National Conference on “Recent Advances in Computer Science and IT (NCRACIT)” held at SoET, BGSBU, J&K on 24-25 April, 2018.
25. Presented two papers in “International conference on New Technological Opportunities in Networking and Sciences,” held at Pithoragarh, India, 8-10 June 2018.
26. Presented a paper in “IEEE International Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES-18)” held at Integral University, Lucknow on 14-15 September, 2018.

Organized Workshop/ Short Term Course/ Training/ etc.:

1. Organized two-day workshop on “Outcome based Education (OBE)” held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri J&K on March 19-20, 2018 under TEQIP-III.
2. Organized "Project Model Exhibition" on Founders Day Celebration 2017 at Department of EREE, SoET, BGSBU, Rajouri on 14th Dec., 2017.
3. Organized “3rd Inter State (North Zone) Declamation Contest” at Baba Ghulam Shah Badshah University, Rajouri from November 21-22, 2017.
4. Organized one week AICTE recognized Short Term Course on “Power Electronics and its Applications” through ICT from 27-11-2017 to 01-12-2017.
5. Organized an Industrial Interaction on “Electrical Systems in Thermal Power Plant” at Department of EREE, SoET, BGSBU, Rajouri on 11th May, 2017.
6. Organized one week workshop on “Basics of MATLAB Programming & Simulink” from 15th – 19th November, 2016 at SoET, BGSBU, Rajouri.
7. Organized an event “ALL INDIA PAPER PRESENTATION COMPETITION 2011 (AIPPC - 2011)” through IEEE student branch held in Department Of Electrical Engineering, Z.H.C.E.T, A.M.U, Aligarh.
8. Organized a workshop on “Graphic Software and Introduction to Animation” through IEEE student branch held in Department Of Electrical Engineering, Z.H.C.E.T, A.M.U, Aligarh on 17th September 2011.
9. Organized an event “SYMBOLA” in IEEE Techfest organized by IEEE student branch held in Department Of Electrical Engineering, Z.H.C.E.T, A.M.U, Aligarh.

Attended Workshop/ Short Term Course/ Training/ etc.:

1. Attended four weeks “Orientation Program” from 18th July 2018 to 14th August 2018 held at UGC HRDC, AMU, Aligarh.
2. Attended MHRD-TEQIP-KITE one week TEQIP-III “Summer Training Program on Active Learning Workshop” at IIT Bombay from 04-06-2018 to 08-06-2018.

3. Attended two-day workshop on “Outcome based Education (OBE)” held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajoury J&K on March 19-20, 2018 under TEQIP-III.
4. Attended one week Short Term Course on “Recent Advances in Power & Energy Engineering” from 12-16 March 2018 at EREE, SOET, BGSBU.
5. Attended in one week AICTE recognized Short Term Course on “MATLAB and LABVIEW with its Hardware Interface” through ICT held from 29 Jan., 2018 to 02 Feb., 2018 at Power Electronics Lab, SOET, BGSBU.
6. Attended in one week AICTE recognized Short Term Course on “Power Electronics and its Applications” through ICT from 27-11-2017 to 01-12-2017.
7. Attended in one week AICTE recognized Short Term Course on “Power Quality monitoring and Analysis” through ICT held from 30 Oct., 2017 to 03 Nov., 2017 at Power Electronics Lab, SOET, BGSBU.
8. Attended in one week AICTE recognized Short Term Course on “Silab Programming” through ICT from 21-08-2017 to 25-08-2017.
9. Attended one week workshop on “Basics of MATLAB Programming & Simulink” from 15th – 19th November, 2016 at SoET, BGSBU, Rajouri.
10. Done four days RT-LAB BERTA Training from 04-04-2016 to 07-04-2016.
11. Successfully completed six weeks Technology Based Entrepreneurship Development Programme (TEDP) from 01-11-2011 to 09-12-2011 under DST-NIMAT Project 2011-12.
12. Attended “Disaster Management Workshop” organized in “TAMEER ‘09”, The Annual Techfest of Department of Civil Engineering, ZHCET, AMU, Aligarh held from 9th – 11th Oct., 2009.

Awards and Achievements:

1. “Best Paper Award” in International Conference on Signals, Machine and Automation (SIGMA’18), February 23-25, 2018, NSIT Delhi, India.
2. Awarded certificate of appreciation for his outstanding performance and lasting contribution as Coordinator in Project Model Exhibition event during Annual Day Celebration, 2017.
3. Awarded certificate of appreciation for organizing Two Day Workshop on “Outcome Based Education (OBE)” at SOET, BGSBU, Rajouri, J & K on March 19-20, 2018 under TEQIP-III.
4. Awarded certificate of achievement as Eminent Speaker for his expert lecture at IIMT Group of Colleges on Feb. 03, 2018.
5. Awarded certificate of appreciation for the outstanding contribution in organizing 3rd Inter-State (North Zone) Declamation Contest at BGSBU, Rajouri from November 21-22, 2017.
6. Awarded certificate of appreciation for Chairing a Session at the International Conference WCASET-18 held at Goa, India.
7. Awarded certificate of Honour for organizing an Industrial Interaction on “Electrical System in Thermal Power Plant” on May 11, 2017 at ERE, SoET, BGSBU, Rajouri.
8. Awarded certificate of Appreciation for presenting a project model on “Design of an Automatic Solar Tracking System for Position Control of SPV Panel” during the two-day conference on “Electronics Maker – 2017” from July 1-2, 2017 at Netaji Subhas Institute of Technology, New Delhi..
9. Awarded certificate of Honour for organizing one week workshop on “Basics of MATLAB Programming & Simulink” from 15th – 19th November, 2016 at SoET, BGSBU, Rajouri.
10. Awarded certificate of Excellence for delivering a series of lectures in one week workshop on “Basics of MATLAB Programming & Simulink” from 15th – 19th November, 2016 at SoET, BGSBU, Rajouri.
11. Awarded certificate of appreciation for serving as “Campus Ambassador” for Techkriti’14, the “Annual Technical and Entrepreneurship festival of IIT Kanpur” held from 6th to 9th March 2014.
12. Awarded certificate of appreciation for serving as “Campus Ambassador” for Techkriti’13, the “Annual Technical and Entrepreneurship festival of IIT Kanpur” held from 14th to 17th March 2013.
13. Cited in “Dainik Jagran” and “Amar Ujala” for his new invention of “Waste Fluid Based Electric Power Generator” on 12th and 17th of June respectively, 2012.
14. Qualified GATE 2012 examination.
15. Served as “Volunteer” in “International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2011),” held at A.M.U., Aligarh, India.

16. Awarded certificate of appreciation for organizing an event “SYMBOLA” in IEEE Techfest “BLITKKRIEG” organized by IEEE student branch and IETE Aligarh Centre held in Department Of Electrical Engineering, Z.H.C.E.T, A.M.U, Aligarh on 2nd – 3rd April 2011.
17. Awarded certificate of appreciation for serving as “Campus Ambassador” for Techkriti’12, the “Annual Technical and Entrepreneurship festival of IIT Kanpur” held from 27th to 30th January 2012.
18. Cited in “Dainik Jagran” for his new invention of “Miss-call Based Remote Control Switching System” on 15th of September, 2011.
19. Awarded certificate of Honour for the valuable contribution as Head of Research & Development Cell in IEEE student branch, Z. H. C. E. T, Aligarh Muslim University, Aligarh.
20. Awarded certificate of appreciation for organizing “ALL INDIA PAPER PRESENTATION COMPETITION 2011 (AIPPC - 2011)” through IEEE student branch and IETE Aligarh Centre held in Department Of Electrical Engineering, Z.H.C.E.T, A.M.U, Aligarh.
21. Awarded certificate of appreciation for organizing a workshop on “Graphic Software and Introduction to Animation” through IEEE student branch held in Department Of Electrical Engineering, Z.H.C.E.T, A.M.U, Aligarh on 17th September 2011.
22. Awarded certificate of Honour for judging in State-Level Techfest “BLITKKRIEG” organized by IEEE student branch and IETE Aligarh Centre held in Department Of Electrical Engineering, Z.H.C.E.T, A.M.U, Aligarh on 2nd – 3rd April 2011.
23. Appointed as “Programme Coordinator” in Environsense Annual Fest “L'EAU 2K11” held at N.R.S.C. Club, A.M.U., Aligarh on 31th March.
24. Awarded certificate of appreciation for working as “Organizing Manager” of Open University Seerat Function “ISLAMIC QUEST 2K11” held in Habib Hall, A.M.U., Aligarh on 9th March.
25. Awarded certificate of appreciation for working as “Co-ordinator” for Open University Seerat Function “Islamic Quest 2010” held in Habib Hall, A.M.U, 19th Feb., 2010.
26. Qualified GATE 2010 examination with 98.17 percentile.
27. Winner in Football Tournament held during Annual College Fest “ZARF 2K11” in Z.H.C.E.T, A.M.U, Aligarh.
28. Achieved 3rd Position in overall Solar conference during cognizance 2010 in IIT, Roorkee.
29. Achieved 1st Position in SPOTLIGHT during cognizance 2010 in IIT, Roorkee.
30. Achieved University Medal (Gold) for standing first in Diploma In Electrical Engineering.
31. Winner in IInd Inter-School District Football Tournament, Aligarh.

Professional Membership:

- Member of **Institute of Electrical and Electronics Engineering (IEEE)**, USA since 2010 (#91272267).

Languages Known:

- English: Read, Write & Speak
- Hindi : Read, Write & Speak
- Arabic : Read & Understand

Scholarship Received:

- Three times awarded University Merit Scholarship during session 2003 - 2006.
- One time awarded U.P. Minority Scholarship during session 2006 - 2007 by state government of U.P.
- Three times awarded Central Minority - Merit cum Means Scholarship during session 2007 - 2010 by central government of India.
- GATE Scholarship during M. Tech. in session 2010 - 2012.
- MHRD Scholarship during Ph.D. from July 2012 to June 2016.

Personal Traits:

Self motivated, hard working, firm determined and enthusiastic.

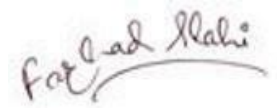
Personal Profile:

Name : Farhad Ilahi Bakhsh
Father's Name : Mr. Ilahi Bakhsh
Mother's Name : Mrs. Umran Nisha
Date of Birth : 04 - 01 - 1987
Sex : Male
Marital Status : Married
Nationality : Indian
Passport No : H7874239
Hobbies : Loving nature and playing Football

Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Rajouri, J & K



(Farhad Ilahi Bakhsh)