

FACULTY PROFILE

Name : M. Mohamed Iqbal
 Designation : Assistant Professor (Senior Grade)
 Email ID : mohamediqbal.eee@srit.org
 Area of Specialization : Power Systems Engineering
 Total Experience : Academic : 10 Years
 Industry : Nil



Educational Qualification:

Degree	Branch / Specialization	College	University
M.E.	Power Systems Engineering	Crescent Engineering College, Chennai.	Anna University
B.E.	Electrical and Electronics Engineering	RVS College of Engineering & Technology, Dindigul.	Madurai Kamaraj University
DEEE	Electrical and Electronics Engineering	Thangam Muthu Polytechnic College, Periyakulam.	DOTe

Experience Details:

S. No.	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology, Coimbatore.	Assistant Professor (Sr. Gr.)	01.11.2012	Till date (Feb 2016)	3 Years and 4 Months
	Sri Ramakrishna Institute of Technology, Coimbatore.	Assistant Professor	01.08.2010	30.10.2012	2 Years and 3 Months
	Sri Ramakrishna Institute of Technology, Coimbatore.	Lecturer	28.12.2006	31.07.2010	3 Years and 7 Months
2	Thangam Muthu Polytechnic College, Periyakulam.	Lecturer	26.06.2003	09.06.2004	11 Months
Total (as on Feb 2016)					Years: 10 Months: 01

Funded Projects:

S. No.	Funding Agency	Topic	Amount Sanctioned in Rs.	Year of Sanction
NIL				

Consultancy Work:

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
NIL				

Patents (Specify the details): NIL

Publications :

Journals :

1. **Mohamed Iqbal, M** Joseph Xavier, R & Kanakaraj, J 2015, 'Optimization of droop setting using Genetic Algorithm for Speedtronic Governor controlled Heavy Duty Gas Turbine Power Plants,' [Accepted for Publication in WSEAS Transactions on Power Systems] ISSN: 17905060. **(Annexure II)**
2. **Mohamed Iqbal.M**, Subatra.B, Kokila.M, Anjali M Nair, Jeshna Parveen.M, "Validation of Digital Simulation using Artificial Neural Network", International Journal of Industrial Electronics and Electrical Engineering, Vol.3, No.8, pp.113-116, August 2015. (ISSN: 2347-6982)
3. Lakshmi Sankar.S, **Mohamed Iqbal.M**, "ANSI and IEC Standards based Short Circuit Analysis of a Typical 2X30 MW Thermal Power Plant", Middle-East Journal of Scientific Research, Vol.23, No.8, pp. 1617-1625, 2015. (ISSN: ISSN 1990-9233) DOI: 10.5829/idosi.mejsr.2015.23.08.2240. **(Annexure-II)**
4. **Mohamed Iqbal.M**, Joseph Xavier.R, Ananthi.P, "Linearized transfer function model of Biomass based Heavy Duty Gas Turbine Plants", *International Journal of Applied Engineering Research*, Vol.10, No.10, pp.9637-9642, 2015. (ISSN: 0973-4562) **(Annexure-II)**
5. **Mohamed Iqbal, M** and Joseph Xavier, R, "Fuzzy Self-tuning PID Controller for Speedtronic Governor Controlled Heavy Duty Gas Turbine Power Plants", *Taylor and Francis Journal of Electric Power Components and Systems*, Vol. 42, No. 14, pp. 1485-1494, 2014. (ISSN: 1532-5008). DOI: 10.1080/15325008.2014.943439. **(Annexure-I)**

International Conferences:

1. **Mohamed Iqbal.M**, Padma Balaji.L, Jayakar.M , Gokul.P, Karthik Kumar.R, Jairam.R, "Virtual Simulation and Embedded Module of Mobile Phone Using Modified Braille Display", IEEE International Conference on Devices, Circuits and Systems (ICDCS 2014), Karunya University,

Coimbatore, 06-08 March 2014. Published in IEEE Xplore Digital Library. (DOI: [10.1109/ICDCSyst.2014.6926202](https://doi.org/10.1109/ICDCSyst.2014.6926202))

2. **Mohamed Iqbal, M.**, and Joseph Xavier, R., “A review of controllers for isolated and grid connected operation of biomass power plants”, *International Conference on Renewable Energy Technologies (ICORET-2011)*, pp. 366–371, Coimbatore, India, 16–17 December, 2011.
3. **Mohamed Iqbal, M.**, and Joseph Xavier, R., “Factors influencing the operation of the Biomass gasifier power plants,” *Proceedings of Second World Renewable Energy Technology Congress and Expo-2011*, New Delhi, 21–23 April, 2011.
4. **Mohamed Iqbal, M.**, Joseph Xavier, R., Arun Kumar, D., Raj Kumar, G., Selva Kumar, P., and Tamilarasan, C., “A sample survey on biomass gasifier power plants,” *International Conference on Emerging Technologies in Renewable Energy (ICETRE-2010)*, Ref. No. P-87, Chennai, 18–21 August, 2010.

National Conferences:

1. **Mohamed Iqbal.M**, Lakshmi sankar.S, Hazim Haneef, “Variable Structured Controller for Voltage stability enhancement of a synchronous generator connected to an Infinite bus system”, National Power Engineering Conference (NPEC-2015), Thiagarajar College of Engineering, Madurai, 13-14 April 2015.
2. **Mohamed Iqbal.M**, Suresh.S, “Influence of thermal diffusivity over leakage current on the performance of outdoor polymeric insulators”, National Conference on Advanced Technologies in Electrical and Electronics Intelligence (ATEEI-2007), Park College of Engineering and Tekhnology, Coimbatore, 13-14 September 2007.
3. **Mohamed Iqbal.M**, Rajaprabhu.R, “Leakage current performance analysis of outdoor polymeric insulators”, National Conference on Emerging Trends in Electrical Systems (ETES’06), Noorul Islam College of Engineering, Kumarancoil, 10-11 March 2006.

Books Published: NIL

Seminar, Conference, Workshop Organized:

S. No.	Title	Duration	Level (Intern./ National)
1	Two Weeks ISTE Workshop on “Control Systems”	02.12.2014 to 12.12.2014	National
2	National Conference on “Communication, Computation, Control and Automation (CCCA 2014)”	28.03.2014 to 29.03.2014	National
3	National Seminar on “Soft Computing Techniques for Engineering Applications”	10.10.2013 to 11.10.2013	National

Seminar, Conference, Workshop Attended:

1. International Conference on Recent Innovations in Electrical, Electronics, Computer and Mechanical Engineering (ICRIEECME-2015) held at Bengaluru on 28.06.2015.
2. International conference on Electrical, Electronics and Computer Engineering (ICEECE-2015) held at Vivekanandha College of Engineering for Women, Tiruchengode from 11.03.2015 to 12.03.2015.
3. International Conference on Innovative Strategies in Renewable Energies and its Applications held at Sona College of Technology, Salem from 05.03.2015 to 06.03.2015.
4. ISTE Workshop on Control Systems held at Sri Ramakrishna Institute of Technology, Coimbatore from 02.12.2014 to 12.12.2014.
5. ISTE Coordinators' Workshop on Control Systems held at Institute of Technology Kharagpur, Kharagpur from 15.09.2014 to 19.09.2014.
6. IEEE International Conference on Devices, Circuits and Systems (ICDCS-2014) held at Karunya University, Coimbatore from 06.03.2014 to 08.03.2014.
7. National Workshop on Fuzzy logic implementation in Embedded system held at Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore from 07.03.2014 to 08.03.2014.
8. National Seminar on Soft Computing techniques for Engineering Applications held at Sri Ramakrishna Institute of Technology, Coimbatore from 10.10.2013 to 11.10.2013.
9. National Workshop on Particle Swarm Optimization and its Variants: Concepts and Basic Implementation in MATLAB held at Anna University, Regional Centre, Coimbatore from 21.02.2013 to 22.02.2013.
10. National Seminar on Renewable Energy Systems held at PSG College of Technology, Coimbatore from 07.12.2012 to 08.12.2012.
11. National Seminar on Research Challenges of Renewable Energy in Smart Grid held at Karunya University, Coimbatore from 13.09.2012 to 14.09.2012.
12. STTP on Advanced Energy Technologies held at Indian Institute of Technology Madras (IITM), Chennai from 20.02.2012 to 24.02.2012.
13. International Conference on Renewable Energy Technologies (iCORET-2011) held at PSG College of Technology, Coimbatore from 16.12.2011 to 17.12.2011.
14. International Workshop on Challenges and Innovation in Renewable Energy Production held at Vellore Institute of Technology, Vellore from 24.11.2011 to 25.11.2011.
15. Second World Renewable Energy Technology Congress and Expo-2011 held at Hotel Le Meridien, New Delhi from 21.04.2011 to 23.04.2011.

16. Faculty Development Programme on Computing Technologies for Power Systems held at Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore from 13.12.2010 to 17.12.2010.
17. National Workshop on Production of Liquid Fuels from Waste by Pyrolysis held at Karunya University, Coimbatore on 08.10.2010.
18. International Conference on Emerging Trends in Renewable Energy (ICETRE 2010) held at Anna University, Guindy, Chennai from 18.08.10 to 21.08.10.
19. National Seminar on Research Issues on FACTS Controllers with Soft Computing Techniques held at Kongu Engineering College, Erode from 26.03.10 to 27.03.10.
20. National Conference on Advanced Technologies in Electrical and Electronics Intelligence (ATEEI'07) held at Park College of Engineering and Technology, Coimbatore from 13.09.2007 to 14.09.2007.
21. National Conference on Emerging Trends in Electrical Systems (ETES'06) held at Noorul Islam College of Engineering, Kumarancoil from 10.06.2006 to 11.06.2006.

Ph.D., Guidance / Supervisor ship: NIL

Name of Scholar	Course	Area of Research	Status
NIL			

Guest Lectures Delivered:

Topic	Institution	Date(s)
Intelligent controllers using Fuzzy Logic	Sri Ramakrishna Institute of Technology, Coimbatore	11.10.2013

Membership in Professional Bodies:

1. ISTE - LM 63913
2. IAENG - 160363

Contributions to the Institution, Department and Society:

a) Contributions to the Institution:

1. Started Institution of Engineers India IE(I) students' chapters for all engineering divisions in Institution
2. Organized the Intra College Competition on the theme, "The Sustainable Energy for the future", in view of "Rajiv Gandhi Akshay Urja Diwas" along with the Engineers Day celebration on 15.09.11. It comprised the events such as Poster Presentation, Photo Exhibition, Drawing, Quiz and Video Show. Many students from all the Departments were actively participated in the events and won prizes.
3. Chief Guest, Er. A. Thangavelu B.E., M.I.E., Chief Engineer (Distribution), TANGEDCO had been invited to grace the Inaugural Function of EEE Association for the Academic Year 2011-12 on 22.07.2011 and he along with the dignitaries had planted the saplings for making the campus a Green campus.
4. I have involved in the Institutional development by being one of the members in Disciplinary Committee while organizing Graduation day, Annual Day and Sports Day, Parents-Teachers meeting and Alumni meeting etc.
5. As one of the Anti-Ragging Committee members, I have involved in making the college a ragging free campus.
6. As a Library Advisory Committee member, I was involved in auditing the Books, Journals, Magazines and the Electronic Materials (CD) available in the Central Library.

b) Contributions to the Department:

1. Organized a ISTE Two Weeks Workshop on Control System funded by MHRD, Government of India through NMEICT Project scheme.
2. Being a Programme Coordinator, I am actively involved in effective implementation of Outcome Based Education in the Department of EEE.
3. NBA Coordinator for the BE – EEE Programme
4. Being a Division head for Power Division, I am involved in vetting of Internal Examination Question Papers
5. Member in Academic advisory committee
6. Member in Research committee
7. Involved in Tutoring of the BE-EEE students and ME-PSE students
8. Project Coordinator for BE-EEE and ME-PSE
9. Chaired for the Class committee meetings for the EEE Students

10.Time table Coordinator for the EEE Department

11.Lab In-charge for Power system simulation Laboratory

c) Contributions to the Society:

1. Started various Technical clubs namely Energy Club, Soft Computing Club, Circuit debugging club and Entrepreneurship and Redressal Club during the year 2014-15. Various technical events were also organized for the favor of the students and society.

Awards and Recognitions: NIL