


## FACULTY PROFILE

<b>1. Name :</b>		<b>L. KUMARASWAMY</b>			
<b>2. Date of Birth :</b>		<b>March 12, 1967</b>			
<b>3. Highest Qualifications :</b>		<b>M.E. , (Ph.D.)</b>			
<b>4. Academic Performance :</b>					
(High School to Highest Qualifications.)					
Qualifications	Board / IIT / University	Institute and place where studied	Year of passing	Class / % marks	
SSLC	KSEEB	Govt. Junior College, Javagal, Arasikere Tq., Hassan Dt.	1982	55.67%	
PUC	PU Board	Kalpataru Science College, Tiptur, Tiptur Tq., Tumkur Dt.	1984	FC 60.5%	
B.E.	Univ. of Mysore – B.E.	Malnad College of Engineering, Hassan-573201	1988	FC 64.1%	
M.E.	IISc, Bangalore	Indian Institute of Science, Bangalore, Bangalore – 560 012	2002	CGPA: 5.9*	
Ph.D. Ongoing	VTU, Belagvi	MCE Research Centre, Hassan-573202	Registered		
** Note: CGPA-Cumulative Grand Points Accumulated on a scale of maximum 8.0, FC: First Class					
<b>5. Date of Joining :</b>		08.10.1990 Stop Gap Lecturer <b>08.10.1993 Permanent Lecturer</b>			
<b>6. Status as on date of Joining :</b>		Lecturer			
<b>7. Salary as on date of Joining :</b>		2200/- Basic + Allowances			
<b>8. Present Status :</b>		Associate Professor			
<b>9. Salary as on date :</b>		Rs. 198700/- Basic & Rs. 2,98,050/- Gross			
<b>10. Number of promotions since date of joining :</b>		03			

## 11. Achievements since date of joining:

FD	R&D	No. of Publications	Teaching Award	Books/ Mono graph	Conference Seminars	Extra curricular activities*	Admin.
24	-	05	-	01	-	06	07

FD-Faculty Development, R&D-Research and Development

### Faculty Development Program/ Workshop/STTP Attended:

1. M.E. in HV Engineering at IISc. Bangalore in the year 2002.
2. STTP attended on “Robotics for Industrial Applications”, held at MCE, Hassan, during 15–27, March 1999.
3. STTP attended on Recent Advances in Chemical, Electro-Chemical & Nuclear Energy Systems, at PES College of Engg., Mandya, during 21-31, Oct. 1999.
4. STTP attended on “Recent Trends & Applications in HV Insulation”, held at BIET, Davanagere, during 13<sup>th</sup>-24<sup>th</sup> Jan. 2003.
5. STTP attended on “FACTS Controllers & Applications”, National Institute of Technology, Calicut, during 30<sup>th</sup> June-12<sup>th</sup> July 2003.
6. STTP attended on “Recent Trends in Material Science & Mathematical Modelling”, held at SJCE, Mysore, during 28<sup>th</sup> July- 9<sup>th</sup> Aug. 2003.
7. Training Programme attended on “Embedded System Design”, held at Malnad College of Engg., Hassan, during 29<sup>th</sup> Sept.-6<sup>th</sup> Oct.2005.
8. Attended the development Programme on “FEEL –Teacher”, held at MCE, Hassan, from 2<sup>nd</sup> July-5<sup>th</sup> July 2005.
9. Attended workshop on “Achieving Performance Targets” held at CII, Institute of Quality, Bangalore, from 11<sup>th</sup> -12<sup>th</sup> July 2006.
10. STTP Attended on “Basics of CAD/CAM/CAE Tools”, held at MCE, Hassan, from 14<sup>th</sup> -19<sup>th</sup> Aug 2006.
11. STTP Attended on “Mathematical Modeling of Engineering Problems”, held at MCE, Hassan, from 8<sup>th</sup> -10<sup>th</sup> Aug 2006.
12. STTP Attended on “Advances in Turbo machines”, held at MCE, Hassan, from 11<sup>th</sup> - 15<sup>th</sup> Sept. 2006.
13. STTP Attended on “Recent Advances in Materials & Manufacturing”, held at MCE, Hassan, from 21<sup>st</sup> -25<sup>th</sup> Aug 2006.
14. Short Term Course on “Electromagnetics”, held at IISc, Bangalore, from 27<sup>th</sup> Nov.2006-1<sup>st</sup> Dec. 2006.
15. Trainers’ Training Programme on “Project Ideation and Implementation” organized by Entrepreneurship Development Cell, VTU, Belgaum, held at MSRIT, Bangalore, from 23<sup>rd</sup> -28<sup>th</sup> April 2007.
16. Attended the National Workshop on “Energy Auditing & Demand Side Management”, held at MCE, Hassan, during 26-27, June 1998.
17. Attended the Workshop on “PSPICE Simulation”, held at BMS College of Engg., Bangalore, during 12<sup>th</sup>-13<sup>th</sup> April 2000.

18. Attended the National Workshop on “Applications of Info COM Technologies”, held at EWIT, Bangalore, during 2<sup>nd</sup>-3<sup>rd</sup> March 2003.
19. Attended a month training program “Train the trainer” on **Industrial Automation Technology** during 6<sup>th</sup> Dec. 2010 to 6<sup>th</sup> Jan. 2011 conducted by REXROTH BOSCH group and VTU at VTU-BR Centre of competence in Automation Technology, Mysore.
20. Attended the three days workshop on "Deriving Program Educational Objectives/ Course Outcomes/ Assessments for NBA Self Assessment Report" held at MCE, Hassan under the assistance of TEQIP-II during 11<sup>th</sup>-13<sup>th</sup> July 2013.
21. Attended one day National workshop on "Patents and Innovations" held at MCE, Hassan in association with SPFU, Govt. of Karnataka, Bengaluru under TEQIP 1.2-Phase II, on 31<sup>st</sup> Aug.2013.
22. Attended AICTE Sponsored Faculty Development Programme on " Emerging Trends in Power System Research" held during 23<sup>rd</sup> Dec. 2013 to 3<sup>rd</sup> Jan. 2014 organized by Department of E&E Engg., MCE, Hassan.
23. Pursuing Ph.D., at MCE Research Centre, VTU, Belagavi under the guidance of Dr. G. K. Purushothama.
24. Attended the TEQIP-II sponsored workshop on "Dissertation Report and Thesis Writing Skills" held on 18<sup>th</sup> Dec. 2014 organized by Department of E&E Engg., MCE, Hassan.
25. Attended the TEQIP-II sponsored Faculty Development Programme on "Effective Teaching and Pedagogical Practices" held during 9<sup>th</sup>- 11<sup>th</sup> Oct. 2015 organized by Centre for Educational Technology, IIT Kharagpur.
26. Attended Continuing Education Programme course on "End to End Innovation" conducted by IIT Bombay during 07<sup>th</sup>-11<sup>th</sup> March 2017.
27. Attended Continuing Education Programme course on "Digital Control Systems" conducted by IIT Bombay during 23<sup>th</sup>-25<sup>th</sup> March 2017.
28. Attended Industrial Training on "Automation Technology" conducted by Rexroth-Bosch Group during 27<sup>th</sup> -28<sup>th</sup> March 2017.
29. Attended One Week FDP on "Recent Developments in Solar and Wind Energy System for On/Off Grid Applications" held from 9<sup>th</sup> - 13<sup>th</sup> July 2018, organized by Department of E&E Engg., MCE, Hassan under TEQIP-III.
30. Attended Continuing Education Programme course on "Scientific Computing with Python for Electrical Engineers" conducted by IIT Bombay during February 11<sup>th</sup>-15<sup>th</sup> 2019.
31. Attended AICTE Sponsored One Week STTP on " Recent Developments in Renewable Energy Sources and Conversion Systems for On/Off Grid Applications" conducted by MCE, Hassan during 9th - 14th Dec. 2019.
32. Participated in one week online FDP through webinar on “IoT and Wireless Sensor Networks” conducted by Brindavan College of Engineering, Bengaluru during 27<sup>th</sup> – 31<sup>st</sup> July 2020.

## **Publications:**

1. MS Raviprakash, KN Balasubramanya Murthy, HN Suresh & L Kumaraswamy, *Voltage stability vis-a-vis reactive power compensation in AC transmission lines*, **National Conference on Trends in large interconnected power systems (TRIPS-98)**, REC, Warangal, India, 14-15, February 1998, pp. 2.29-2.36.
2. H.N. Suresh, H.G. Gopal, M.S. Raviprakash, N.S. Jyothi, and L. Kumaraswamy, “ANN based load prediction from the Energy Management perspective”, Proceedings of the National Conference, March 2 – 3, 2002, Annamalai University, Annamalainagar, pp 107-112.
3. L. Kumaraswamy, H. M. Manjunatha, *Fuzzy Logic Based Speed Control of DC Motor with Real time interface using 8-bit microcontroller*, Proceedings of International Conference on Emerging Trends in Engineering, NMAIT, Nitte, Karnataka, May 15<sup>th</sup> -16<sup>th</sup> 2012, pp. 402-407.
4. Manjunath H. M., Kumaraswamy L. and Purushothama G. K., *Comparative Analysis of PID and Fuzzy PI Controller for Speed Control of DC Motor*, International Journal of Multidisciplinary Research and Advances in Engg. (IJMRAE), ISSN 0975-7074, vol. 6, No. II (April 2014), pp. 487-500.
5. Kumaraswamy L., Purushothama G. K., Vidya H. K., Meghana K. M., *Fault Diagnosis of VSI fed Induction Motor Drive using Fuzzy Logic Approach*, Proceedings of 1<sup>st</sup> IEEE National Conference on Electrical & Electronics Engg., NCEEE-2014, 5<sup>th</sup> June 2014, HKBK College of Engg., Bangalore.

## **Workshops Conducted:**

1. On “Safety, Testing, Maintenance & Protection of Electrical Equipments”, from 16<sup>th</sup> to 20<sup>th</sup> Jan. 2006 under TEQIP.
2. Co-coordinator, field theory Committee, fourth semester curriculum workshop on Electrical Sciences composite Board, MCE, Hassan, 2003.
3. “A refresher course in Physics for high school teachers” conducted at PESCE, Mandya, between 24<sup>th</sup> and 26<sup>th</sup> August 2007, jointly with Department of Physics.
4. One day Student Training Program (STP) on “*Design Thinking as an Alternate Approach for Problem Solving*” was organized by the department of EE Engineering on 1st September 2018.
5. Three days Student Training Program (STP) on “**Real Time Analysis of Systems using MATLAB**” was organized by the department of EE Engineering on 1<sup>st</sup> - 3<sup>rd</sup> October 2018.

### **Resource Person:**

1. Delivered a lecture in “A refresher course in Physics for high school teachers” conducted at MCE Hassan between 1<sup>st</sup> and 3<sup>rd</sup> December 2006, jointly with Department of Physics.
2. Delivered a lecture in “A refresher course in Physics for high school teachers” conducted at MCE Hassan, between 8<sup>th</sup> and 12<sup>th</sup> August 2007, jointly with Department of Physics.
3. Delivered a lecture in One day workshop on “Electrical Awareness to House Wives” conducted at MCE Hassan on 22<sup>nd</sup> September 2007.
4. Delivered a lecture in One day workshop on “Electrical Safety in Domestic Sector” conducted at MCE Hassan on 18<sup>th</sup> November 2007.
5. Delivered a lecture in National workshop on “Recent Advances in High Voltage Measurement Techniques” conducted at MCE, Hassan, during 22<sup>nd</sup> -24<sup>th</sup> March 2007
6. Delivered a lecture on “High Voltage Systems” at Master Control Facility, Hassan.
7. Delivered a lecture on “Field Theory” in EDUSAT programme-13 conducted by VTU e-learning centre from March 2006 to June 2006.
8. Delivered a lecture on “Analog Electronics Circuit Laboratory” in EDUSAT programme-15 launched by VTU e-learning centre from Aug.2011 to Jan.2012.
9. Delivered a lecture titled "Introduction to FACTS controllers" in AICTE sponsored FDP on "Emerging Trends in Power System Research" held during 23<sup>rd</sup> Dec.2013 to 3<sup>rd</sup> Jan.2014 organised by department of E&E Engg., MCE, Hassan.
10. Delivered a lecture on "Fuzzy Logic and its applications" organised by Dept. of E & E Engineering, SSIT, Tumkur.
11. Delivered a lecture on "Introduction to Fuzzy Logic and its applications" organised by Dept. of Mathematics, MCE, Hassan on 31<sup>st</sup> July 2014.
12. Resource person for the one-day workshop on “Specifications, Wiring and Protection of Electrical Appliances” organized by IIIC, MCE, Hassan on 18<sup>th</sup> Feb. 2021.

### **Membership in Society/Institute:**

1. Life member of "The Institute of Engineers (India)" with membership number: M-132263-4
2. Life member of "Indian Society for Technical Education" with membership number: LM-24105.
3. Student member of "IEEE" with membership number: 92908888

**Board Member:**

1. BOE member, Department of E&E Engg., NIE, Mysore.
2. BOS and BOE member, Department of E&E Engg., MCE, Hassan.

**Extra Curricular Activities:**

1. Served as Convenor, Rotaract club, MCE, Hassan.
2. Served as Convenor, Leo Club, MCE, Hassan, during 2003-2006.
3. Served as Treasurer, MCE Staff club during 2006-2007.
4. Served as Joint Secretary, MCE Staff Club (2007-2008).
5. Served as Department representative for Alumni Association, MCE, Hassan.
6. Served as Department representative for ISTE Student Chapter, MCE, Hassan (2007-2009).

**Administration:**

1. Worked as Deputy chief coordinator (Valuation centre) for Autonomous programme, MCE, Hassan, from 2007-2010.
2. Coordinator, common tests
3. Convenor, Department Library during 1995 to 1998
4. Testing of Electrical equipments during 1995-1998
5. Member to Inspect computers supplied by Govt. for Mahithi Sindhu schools.
6. Preparation of curriculum timetable 1998-2006.
7. Worked as project coordinator (UG) from 2010-2014.
8. Worked as Project coordinator (UG) since 2018-2020
9. Worked as department coordinator for Contineo Software 2013-2021.
10. Currently working as PG Coordinator
11. Currently working as Electrical Work Supervisor of MCE campus
12. PG Coordinator 2022
13. Currently Chairman BOE, 2023

**Monograph:**

1. Prepared Manual Titled “Analog Electronics Laboratory”.

**Self Appraisal:****3 - Major Strengths:**

- (a) Dedication to the Profession
- (b) Confidence to carry out the work assigned
- (c) Motivate the students to update higher knowledge in the subject

**3- Major Weaknesses:**

- (a) Tension sometimes causes debacles and may not able to give the best.
- (b) Get easily irritated if a student does not maintain dignity of the class room
- (c) Never tolerate if the students give lame reasons to complete assigned works.

**(L. KUMARASWAMY)**