Laxmikant Ramakrishna, M.Sc., Ph.D.

CAREER OBJECTIVE

Seeking a position to utilise my skills and abilities in University/ Institution that offers professional growth while being resourceful, innovative and ready to implement new-good changes with time.

CONTACT DETAILS

Cell phone: +91-9448690768
Email: luxrcr1@gmail.com
Present Address: Guest Lecturer,
Department of Electronics and Instrumentation Technology,
Raichur University, Yeragera,
Raichur – 584133, Karnataka, INDIA.

EDUCATION QUALIFICATIONS

B.Sc. Electronics: From, Laxmi Venkat Desai College, Raichur, in 2001
M.Sc. Instrumentation Technology: From,The Department of,Instrumentation Technology, PG Centre, Yeragera, Gulbarga University, Raichur campus, in 2003
Ph.D. Applied Electronics: From, The Department of Applied Electronics, Gulbarga University, Gulbarga campus, in 2008

TECHNICAL SKILLS:

Operating Systems: DOS, Windows, Linux – Ubuntu,
IDE: LabVIEW, Arduino
Programming Languages: Assembly Debug, 8086, 8051 and C++
Schematic Designing: Smart Draw, Express PCB
PCB Designing: Express PCB, Cadence tools etc
Applications: MS-Office, Origin, Acrobat Distiller, etc
Hardware: System design and development, prototype testing, real time implementing the systems, board level system assembling and troubleshooting including networks.

TEACHING EXPERIENCE – 1 (POST GRADUATE TEACHING/ M.Sc- InstrumentationTech.)

Organisation: Gulbarga University Post Graduate Centre, Raichur- India
Designation: Guest Lecturer
Department: Post Graduate Studies and Research in
a). Instrumentation Technology and b). Applied Electronics
Duration: From the academic year 2003 to 2009, engaging classes (Theory, practical and academic projects) From August 2003 to October 2008 (before PhD award) worked as Part time Teaching faculty and full time RGN-Research Fellow From October 2008 to September 2009 (after PhD award)

worked as Full time Teaching faculty.

Subjects taught: Analog Electronics, PC based Instrumentation, Digital and Analog Electronics, Analytical/ Scientific Instrumentation

TEACHING EXPERIENCE - 2 (GRADUATE TEACHING/ B.Sc. - Engineering.)

Organisation: Faculty of Engineering, Sirte University, Sirte - Libya
Designation: Lecturer
Department: Electrical and Electronic Engineering college, Faculty of Engineering, Sirte University- Sirte– Libya
Duration: From 27/09/2009 to 30/8/2015, engaging classes (theory, practical and academic projects) for B.Sc. Engineering students
Subjects taught: Electronics-I, II, III, Microprocessor, C++, Industrial control system, Digital Electronics –II, Circuit Theory – II

RESPONSIBILITIES (apart from Teaching):
1. Disseminating knowledge by teaching and training. Preparing course material, designing & fabricating lab modules/prototypes. Planning, implementing, and testing/ executing the B. Sc/ M.Sc. Projects.
2. Technical equipment, data collecting, processing, and procuring like electronic documents/literature, components/hardware and other useful materials for the academic research from various firms and companies.
3. Analysing the laboratory needs and finding the right product from the international market and suggesting to the department like, oscilloscopes, experimental components, ICs, CROs., Analysers, Power supplies, direct equipment, and supporting equipment for the lab etc. and
4. Consulting and guiding the outgoing students.

PROJECT AND RESEARCH WORK DETAILS (AS PART OF CURRICULUM):

1. M.Sc. Project Work
Title: Design & development of PC Based Lock-in Amplifier
Duration: September 2002 to April 2003
Role: Technical data collecting, processing, procuring electronic documents/ literature/components and other needed materials, schematic designing, implementing and execution on breadboard with improvement over earlier technique and finally PCB design and preparing working model of it.

2. Ph. D. Research Work:
Title: Design and development of Fuzzy Logic controllers and Integrated Fuzzy Logic Controllers and Their Applications
Duration: November2003 to December 2007
Role: Technical data/samples, literature and other useful materialscollecting from manufacturers. Schematic designing, processing electronic documents, Designings as per the publication potential implementing and execution on breadboard with improvement over earlier technique and finally PCB design and implementing on it. Paper writing from the research results outcome.

3. Present Teaching and Research work.:

1. Guest Lecturer in PG Centre, Yerigera, since September 2015 to till date,
2. Serving as a reviewer for the journal papers.

TECHNICAL TRAINING AND COURSES ATTENDED

1. Attended LabVIEW exclusive training program at department of Applied Electronics, GUG, 2004
2. Attended PLC – RS Prologix training program at BVV, Bagalkot, 2005
3. Attended workshop on embedded system training program at SK University, Ananthpur 2006
4. Attended work shop in MSRIT on Embedded systems, 2007
5. Obtained training on Laboratory setup and Installation from M/s Feed Back, UK at Sirte University, Sirte. 2010

ACHIEVEMENTS

1. Topper in M.Phil. and Pre Ph.D. Examination 2005,
2. Achieved Ph.D. within 30 years of age
3. Received University Grants Commission – Rajeev Gandhi National Fellow for SC-ST students, one among the Seven in India.
4. Received appreciations and gifts from Google, Government of Gaddafi and ISIS-Libya.
5. Publications (listed at the end of the document) 7-journal papers and 11-conferences attended and presented and published papers

PERSONAL DETAILS:

Date of Birth:	21-12-1978
Nationality:	Indian
Passport No:	L 8074800
Marital Status:	Married to Dr. Pratibha Satappa Yelladagi.
Children	Baby Kruti, Master Daiviak
Parents:	Smt Savitramma, Sri Ramakrishna Chelwadi
Permanent Address:	House. No, 1-3-130, Ram- Raheem Colony, Ashapur road, Station Area, Raichur -584101, INDIA.
Contact :	+91-9448690768,+91-8532200845

I believe with hard work, application of common sense, dedication of a person can achieve his goals. I would endeavour to work hard for any responsibilities that I will be assigned with.

Place: Raichur.
Date: 17.04.2023   Dr Laxmikant Ramakrishna

<u>LIST OF JOURNALPAPERS REVIEWED</u>:

I have been working as a Peer Reviewer for the "Current journal of Applied Science and Technology", SCIENCEDOMAIN I got certificate of recognition of an outstanding contribution to the quality of the journal,

1. SDI/HQ/PR/Cert/37729/LAX, 13/11/2017
2. SDI/HQ/PR/Cert/42302/LAX, 07/06/2018
3. SDI/HQ/PR/Cert/42798/LAX, 19/07/2018
4. SDI/HQ/PR/Cert/43717/LAX, 03/05/2020
5. SDI/HQ/PR/Cert/49579/LAX, 03/05/2020
6. SDI/HQ/PR/Cert/56473/LAX, 03/05/2020
7. SDI/HQ/PR/Cert/65440/LAX, 01/02/2021
8. SDI/HQ/PR/Cert/40164/LAX, 24/03/2021
9. SDI/HQ/PR/Cert/67226/LAX, 13/04/2021
10. SDI/HQ/PR/Cert/81688/LAX, 25/01/2022
11. SDI/HQ/PR/Cert/81735/LAX, 25/01/2022
12. SDI/HQ/PR/Cert/83058/LAX, 07/02/2022
13. SDI/HQ/PR/Cert/

<u>LIST OF PUBLICATIONS</u>: *Papers Published in Journals and Papers Presented in Symposia/Conference*

1. NagabhushanaKatte, K. NagabhushanRaju, **Laxmikant Ramakrishna**, and L. S. Sudheer Kumar, "4½ Digit Digital Panel Meter," LE, Lab Experiments, 107, 5(1), pp. 6-10, March 2005.

2. NagabhushanaKatte, L. ShrimanthSudheer, **Laxmikant Ramakrishna**., P. Bhaskar, Parvathi C.S., and K. NagabhushanRaju, "A systematic approach of design of a low cost temperature control system," LE, Lab Experiments, 161, **6(3),** pp. 238-242, Sep. 2006.

3. **Laxmikant Ramakrishna,**NagabhushanaKatte, L. S. Sudheer, P. Bhaskar, and Parvathi C S, and NagabhushanaRaju., "Study of the performance of PID Controller for angular position control of a DC Motor in presence of load and Noise", Journal of the Instrument Society of India 37(3), 189-198, Sept. 2007.

4. Sanjeevkumar. R. Jadhav, **Laxmikant Ramakrishna,**Praveenkumar. Kumbargoudar, "Multimedia Data Mining In Digital Libraries" proceedings of International conference on Advances in Computer Vision and Information Technology (ACVIT-07), held during Nov.28-30 2007, pp. 585-589, Aurnagabad.

5. L. ShrimanthSudheer, P. Bhaskar, Parvathi C.S., NagabhushanaKatte, and **Laxmikant Ramakrishna.**, "Design of a digital temperature meter," LE, Lab Experiments, 225, 8(3), pp. 167-171, Sep. 2008.

6. L. ShrimanthSudheer, S. S. Patil, Laxmikant.R, NagabhushanaKatte and P. Bhaskar**.**, "Microcontroller based phase meter," LE, Lab Experiments, 39(1), pp. 62-64, March-2009..

7. **Laxmikant Ramakrishna**, Abdulfattah Mohamed Ali, Hani Baniodeh, "Interfacing PMDC Motor to Data Port of Personal Computer", International Conference Electrical and Computer Engineering ISSN: 2314-5838, Hindawi, ID 218127, 6 pages, http://dx.doi.org/10.1155/218127, March 2013.

8. **Laxmikant Ramakrishna**, SaadZeidMuftaz "Design and interfacing of Variable Solar panel position control system", Advanced research in Electrical and Electronic Engineering " online ISSN:

2349-5812, vol 2, no 4, pp 358-363, Jan - Mar 2015.

9. **Laxmikant Ramakrishna**, NagabhushanaKatte, Kulkarni A B, Bhaskar P, and Parvathi C S, "PC Based Position Control System," National Symposium on Instrumentation (NSI-30), CP-247, held on 30th Nov. to 2nd Dec. 2005, at Cochin University of Science and Technology, Cochin, India.

10. NagabhushanaKatte, ShrimanthSudheer L., **Laxmikant Ramakrishna.**, Bhaskar P., Parvathi C.S., and NagabhushanRaju K., "Design of a Simple Temperature Control System: A Cost Effective Approach," National Symposium on Instrumentation (NSI-30), CP-393, held on 30th Nov. to 2nd Dec. 2005, at Cochin University of Science and Technology, Cochin, Kerala, India.

11. **Laxmikant Ramakrishna.**, NagabhushanaKatte, P. Bhaskar, Parvathi C.S., A. B. Kulkarni, and L. ShrimanthSudheer, "Computer based integrated fuzzy logic position controller", in National Symposium on Instrumentation –NSI 31, Gwalior, MP, India 12-15th Oct. 2006.

12. L. ShrimanthSudheer, P. Bhaskar, Parvathi C.S., NagabhushanaKatte, and **Laxmikant Ramakrishna.**, "Computer based fuzzy logic controller for water in tank level control system", in National Symposium on Instrumentation –NSI 31, Gwalior, MP, India 12-15th Oct. 2006.

13. Rekha. B. R., Bharathi. Y. H., Sasikala. M, **Laxmikant Ramakrishna.**, Bhaskar, C. S. Parvathi and A.B. Kulkarni, "Speed control of BLDC motor using PWM Technique based on virtual instrumentation", Proceedings of National Conference on Advances in Material Science, Gulbarga University, Gulbarga, India. January 27-28, 2007, pp. 77.

14. Sasikala M., Bharathi Y. H., Rekha B. R., **Laxmikant Ramakrishna.,** P. Bhaskar, Parvathi C.S., G. Tulsiramdas, and A. B. Kulkarni, PWM based speed control of BLDC motor using VI, in National Conference on Advances in Material Science (AMS-2007), Gulbarga University, Gulbarga, KA, India 27th - 28th Jan. 2007.

15. Bharathi. Y. H., Rekha. B. R., Sasikala. M, **Laxmikant Ramakrishna.,**Bhaskar, C. S. Parvathi and A. B. Kulkarni, "Virtual instrumentation based DC motor speed control system", Proceedings of National Conference on Advances in Material Science, Gulbarga University, Gulbarga, India. January 27-28, 2007, pp.40.

16. Santosh Kumar Henge, NiranjanShrivastava, **Laxmikant Ramakrishna**, "Advanced Fuzzy Logic controller based Mirror-Image-Character-Recognition OCR" 5th Libyan Arab international conference, Tripoli, Libya., October 23-25, 2010

17. Santosh Kumar Henge, NiranjanShrivastava, **Laxmikant Ramakrishna**, "Knowledge Management Model for Future Engineering Education" 5th Libyan Arab international conference, Tripoli, Libya., October 23-25, 2010

18. Santosh Kumar Henge, PrasannaRanjit, **Laxmikant Ramakrishna**, Hinge Vinay Kumar "South Indian language- Telugu hand written character recognition with 3 Layered approach by using advanced fuzzy logic controller" International Conference On Knowledge Management & Resource Sharing , (ICKMARS-2012) Muscat, Oman. February 27th and 28th , 2012

19. **Laxmikant Ramakrishna**, Abdulfattah Mohamed Ali, Hani Baniodeh, "Interfacing PMDC Motor to Data Port of Personal Computer", 1st International Conference Electrical and Computer Engineering (ICECE 2013), Benghazi, Libya,. 26th -28th March 2013.