C. Sivaprakash

D. No: 704/124, Street No: 20,
KCC Nagar, Bagalur Road,
Hosur – 635109
Krishnagiri (Dist), Tamilnadu.
Mobile: +91-9865183970
E-mail: shivadesk@gmail.com.

Career Objectives

To utilize my skills and experience of Teaching in the Engineering to serve my best to do the students society and to obtain a challenging opportunity in a progressive organization that will allow me to make valuable and long-term contribution.

Educational Qualifications:

Course	School / College	Board / University	Year of Passing	Percentage of Marks	Class Obtained
PhD (Computer Science & Engineering)	VTU-RRC, Belagavi	Visvesvaraya Technological University, Belagavi.	(Pursuing)		
M.E (Computer Science & Engineering)	SKP Engineering College, Tiruvannamalai, Tamilnadu.	Anna University, Chennai. Tamilnadu.	2008	79%	First Class
B.E (Instrumentation & Control Engineering)	Adhiyamaan College of Engineering, Hosur, Tamilnadu.	Madras University, Chennai. Tamilnadu.	1999	70%	First Class
Diploma (Electronics & Communication Engineering)	Govt. Polytechnic, Krishnagiri, Tamilnadu.	DOTE, Chennai. Tamilnadu	1995	76%	First Class With Distinction
SSLC	Govt. Boys Higher Secondary School, Krishnagiri, Tamilnadu.	State Board, Tamilnadu	1992	72%	First Class

Technical Experience:

★ Presently working as Associate Professor & Heading the Department of Electronics & Communication Engineering in Sri Sairam College of Engineering, Bangalore, since June 2009.

★ Worked as Assistant Professor in the Department of Electronics & Communication Engineering in Shirdi Sai Engineering College, Bangalore from March 2006 – Mar 2008.

★ Worked as a Lecturer, Senior Lecturer & HOD in Electronics & Communication Engineering in Ananda Marga Polytechnic from August 1999 – June 2002 & June 2002 to March 2006 respectively.

★ Worked as a Supervisor in Quality Control Department in Hosur Instruments Limited, Hosur, from May 1995 to August 1996.

Specific Strengths:

Ability to guide & Train the Students and practicing Engineers in the field of Network Communication, LabVIEW, Microcontrollers and simulator package like Modelsim, Pspice. Having exposure on embedded based Real-Time Systems.

Patents Published: 01

Title of the invention	Flood Drainage System
Patent Application Publication	Application No: 201841042709
Date of Filing the Application	13/11/2018
Date of Publication	23/11/2018
The Patent Office Journal No.	47/2018 Date 23/11/2018

Patents Filled: 02

Title of the invention	Geometry recognition using Quantum Computation
Patent Application Publication	Application No: 201941001501
Date of Filing the Application	12/01/2019
Date of Publication	Awaiting
The Patent Office Journal No.	Awaiting

Title of the invention	Domestic Birds Protective System
Patent Application Publication	Application No: 201941001507
Date of Filing the Application	13/01/2019
Date of Publication	Awaiting
The Patent Office Journal No.	Awaiting

Field Of Interest:

My field of interest are in the areas of Communication Network, Network Security, Embedded & Real Time Systems, LabVIEW and Electronic Instrumentation.

Sponsored Projects:

1. **Title: Wireless Intelligent Train Tracking & Management System**
   The project was sponsored by 34th Series of SPP for the academic year 2011-12, KSCST - Karnataka State Council for Science & Technology, IISc – Bangalore.

   This project was adjudged as one of the **outstanding project of the year** and was selected for the **"Project of the Year"** award, during the Seminar and Exhibition held at PES Institute of Tech & Management, Shimoga on 19th and 20th August 2011.

2. **Title: Bio-speckle Fruit Processing in Industry.**
   The project was sponsored by 34th Series of SPP for the academic year 2011-12, KSCST - Karnataka State Council for Science & Technology, IISc – Bangalore.

3. **Title: Noise Pollution and Monitoring System.**
   The project was sponsored by 40th Series of SPP for the academic year 2016-17, KSCST - Karnataka State Council for Science & Technology, IISc – Bengaluru.

Sponsored Programs organized:

1. Organized technical workshop titled "**MICROFABRICATION AND NANOTECHNOLOGY**" during 23rd to 25th September 2010, sponsored by **ISRO, DRDO** and **VTU**.

2. Organized Faculty Development program titled **"VISUAL SYSTEM PROGRAMMING"** during 23rd September 2013 - 7th October 2013, sponsored by **AICTE**, New Delhi.

Research Grants Received:

Received a grant of rupees Eight lakh (Rs. **8,00,000.00**) to carry out Modernization of **Embedded System Design Lab** under **AICTE - MODROBS** Scheme in the year 2011-2012. Established the laboratory and 3 student projects were completed under this laboratory facility. Staff and Students are trained and practising the tools.

Received a grant of rupees Seven lakh (Rs. 7,**00,000.00**) to organise Faculty Development Programme on **"Visual System Programming"** for the Faculty working AICTE Approved Institutions under **AICTE - SDP** Scheme in the year 2013-2014. FDP was organised during 23rd Sep 2013 to 05th Oct 2013 (2 Weeks) and 50 participants were attended from various parts of the country.

Journal Publication:

1. Published a research paper entitled "**Noise and Pollution Monitoring System**" in International Journal of Engineering Research in Electronic and Communication Engineering (IJERECE) Vol 4, Issue 3, May 2017. /01.1617/paper_id: 0040126

2. Published a research paper entitled "**Pliroforia Systima for Visually Impaired**" in International Journal of Engineering Research in Electronic and Communication Engineering (IJERECE) Vol 4, Issue 3, May 2017. /01.1617/paper_id: 0040127.

3. Published a research paper entitled "**Cost Effective Smart Transport System for Education Institution**" in International Journal of Engineering Research in Electronic and Communication Engineering (IJERECE) Vol 4, Issue 3, May 2017. /01.1617/paper_id: 0040121

4. Published a research paper entitled **"Configuring Linux System for Internet Protocol based Multimedia Communication Network"** in India Journal of Science and Technology, Vol:10(7), DOI:10.17485/ijst/2017/v10i7/February2017/ISSN(Print) : 0974-6846/ISSN(Online):0974-5645.

5. Published a research paper entitled "**Sensor less Virtual talking system for differently ABLED**" International Journal of Engineering Research in Electronic and Communication Engineering (IJERECE) Vol 3, Issue 6, June 2016.

6. Published a research paper entitled "**Traffic Light Detection for Blind People**" International Journal of Engineering Research in Electronic and Communication Engineering (IJERECE) Vol 3, Issue 6, June 2016.

7. Published a research paper entitled **"The Modified Proportional Client System Adaptive Routing for Communication Networks"** at National Conference on Computational Simulations & its Applications (NCCSA - 2015) International journal of Software Engineering and Soft Computing (IJSESC), Special Issue, Vol:01, November. ISSN 2250-1045.

8. Published a research paper entitled **"Simulator Based real-Time Automotive Networking for Vehicles"** at National Conference on Futuristic trends in Power Integration & Computing Techniques (NCFIPC-2015) international journal of Power Systems & Integrated Circuits (IJPSIC), Special Issue, Vol:01, November. ISSN 2250 – 1088.

9. Published a research paper entitled **"A Fast Gesture Recognition Scheme for Real-time Human-Machine Interaction System",** in International Journal for Science and Advance Research in Technology (IJSART), ISSN (Online): 2395-1052, Vol-1, Issue-5 in May 2015, Paper ID: 150101193.

10. Published a research paper entitled **"Intelligent Vehicle with Multitask Management",** in e-journal - International Journal for Scientific Research & Development (IJSRD), ISSN (Online): 2321 0613, Vol.3, Issue.3 in May 2015.

11. Published a research paper entitled **"Automated wireless technology of Detection of Carbon Monoxide level in Air to save human lives"** in Impact of Economic Crisis in Global Business Scenario, C. Sivaprakash., ISBN 978-81-907733-9-3, Page No: 607- 610.

12. Published a research paper entitled **"Fast Converging Layered Adaptive Beam forming Algorithm",** C. Sivaprakash., International Research Publication House (IRPH), Delhi.

Research Papers Presented:

1. Presented research paper entitled *"Noise and Pollution Monitoring System"* in International Conference on Applied Science Engineering & Technology on 18th & 19th June, 2017 in Sri Sairam College of Engineering, Bengaluru.

2. Presented research paper entitled *"Pliroforia Systima for Visually Impaired"* in International Conference on Applied Science Engineering & Technology on 18th & 19th June, 2017 in Sri Sairam College of Engineering, Bengaluru.

3. Presented research paper entitled *"Cost Effective Smart Transport System for Education Institution"* in International Conference on Applied Science Engineering & Technology on 18th & 19th June, 2017 in Sri Sairam College of Engineering, Bengaluru.

4. Presented research paper entitled *"Sign Language to Voice Output for Differently Impaired"* in International Conference on Emerging Trends in Science and Engineering (ICETSE-2017) on 11th & 12th May, 2017 in Coorg Institute of Technology, Kodagu, Halligattu, Karnataka.

5. Presented research paper entitled *"Air Car"* in Indian Society for Technical Education - ISTE Convention on 3rd November, 2016 in Sri Sairam College of Engineering, Bengaluru.

6. Presented research paper entitled *"Configuring Linux System Router for Internet Protocol Based Multimedia communication Network"* in International Conference on Advanced & Intelligent Computing Technologies (ICAICT-2016) on 25th & 26th August, 2016 in MVJ College of Engineering, Bengaluru.

7. Presented research paper entitled *"Sensor less Virtual talking System for differently abled"* in International Conference on Applied Science Engineering & Technology on 6th & 7th June, 2016 in Sri Sairam College of Engineering, Bengaluru.

8. Presented research paper entitled *"Traffic Lights Detection for Blind People"* in International Conference on Applied Science Engineering & Technology on 6th & 7th June, 2016 in Sri Sairam College of Engineering, Bengaluru.

9. Presented research paper entitled *"Advanced railway track fault detection and messaging system using GSM communication"* in International Conference on Advancements in Science, Engineering Technology & Management (ICASETM-2016) on 16th April, 2016 in M.P.Nachimuthu M.Jaganathan Engg College, Erode, Tamilnadu.

10. Presented research paper entitled *"Design for naval monitoring network control system"* in National Conference on 26th February, 2016 in BTL Institute of Technology & Management, Bengaluru.

11. Presented research paper entitled *"Wireless home automation system using voice communication"* in National Conference on 26th February, 2016 in BTL Institute of Technology & Management, Bengaluru.

12. Presented research paper entitled *"Simulator Based real-Time Automotive Networking for Vehicles"* at National Conference on Futuristic trends in Power Integration & Computing Techniques (NCFIPC-2015) on 7th November 2015 in Sri Sairam College of Engineering, Bengaluru.

13. Presented research paper entitled *"The Modified Propotional Client System Adaptive Routing for Communication Networks"* at National Conference on Computational Simulations & its Applications (NCCSA - 2015) on 5th November 2015 in Sri Sairam College of Engineering, Bengaluru.

14. Presented research paper entitled *"Technology for Electrical Management in Automobiles"* in IE(I) Convention & All India Seminar on "Innovation, Technology & Knowledge Economy" during 6th & 7th March, 2015 in Adhiyamaan College of Engineering, Hosur, Tamilnadu.

15. Presented research paper entitled *"System to detect 'co' level"* in All India Conference & Seminar on 15th & 16th September, 2014 in Adhiyamaan College of Engineering, Hosur, Tamilnadu.

16. Presented research paper entitled *"E-Marketing Communication"* in Regional Conference & Seminar on 21st March, 2014 in Dr. Sivanthi Aditanar College of Engineering, Tiruchendur-Tamilnadu.

17. Presented research paper entitled *"Imbricate Cryptography for Network Security"* in Indian Society for Technical Education - ISTE Faculty Convention Challenges for faculty of technical education in the competitive environment on 11th & 12th October, 2013 in AMC College of Engineering, Bengaluru.

18. Presented research paper entitled *"Adaptive Lambda RLS Algorithm"* in Visvesvaraya Technological University Techfest-2011 on 13th -15th May, 2011 in Reva Institute of Technology and Management, Bengaluru.

19. Presented research paper entitled *"Wireless Intelligent Train Tracking & Management System"* in Visvesvaraya Technological university Techfest-2011 on 13th -15th May, 2011 in Reva Institute of Technology and Management, Bengaluru.

20. Presented a research paper entitled "*Methods involved in reduction of torque ripples in SRM drives"* at the International Conference on Communication, Computation, Control and Nano Technology organized by Rural Engineering College, Bhalki on 29th & 30th Oct 2010.

21. Presented research paper entitled *"Verification and Conformation of Authorized Vehicles"* in 4th National Conference on Recent Trends in Electronics & Communication (NCRTEC-2010), 8th May 2010 in SJB Institute of Technology, Bengaluru.

22. Presented research paper entitled *"Storng Security in Sensor Network uses New Hardware Components"* at National Conference on Emerging Trends in Engineering Technology & Applications (NCETETA-2009) on 29th & 30th April, 2009 in Shirdi Sai Engineering College, Bangalore.

23. Presented research paper entitled *"Carbon Monoxide Detector for Indoor Parking Car Using PIC Microcontroller (PIC16F877)"* at 3rd National Conference on Recent Trends in Electronics & Communication (NCRTEC-2009), 4th April 2009 in SJB Institute of Technology, Bengaluru.

24. Presented research paper entitled *"Biometric Smart Card Reader Using Embedded Systems"* at 2nd National Conference on Advances in Information Technology (NCAIT-2009), 4th April 2009 in SJB Institute of Technology, Bengaluru.

25. Presented research paper entitled *"Security as a New Dimension in Embedded System Design"* at State Level Technical Competition (TECHIS '09), 3rd April 2009 in PES College of Engineering, Mandya, Karnataka.

26. Presented research paper entitled *"An RFID Warehouse Robot"* at National Level Technical Fest (PLEIADES), 2nd April 2009 in BVB College of Engineering & Technology, Hubli, Karnataka.

27. Presented research paper entitled *"Wireless Network with Double Coverage Algorithm"* at 2nd state level Students paper presentation on Recent Trends in Electronics & Communication (SLRTEC-2009), 16th Oct 2008 in SJB Institute of Technology, Bengaluru.

28. Presented research paper entitled *"Highly Reliable Broadcast for Mobile Ad hoc Networks"* at National Level Technical symposium (ARDEUR '08), 15th &16th Sep 2008 in Sathyabama University, Chennai, Tamilnadu.

29. Presented research paper entitled *"A Proactive Cache update Protocol for Domain Name system"* in National Conference on Next Generation Wireless Networks (NCNGWN-08), 16th & 17th April 2008 in R.V. College of Engineering, Bengaluru.

30. Presented research paper entitled *"Strong Cache Consistency for the Domain Name system"* in 5th National Conference on Extreme Engineering & technological Advancements (XETA-2K8), 4th & 5th April 2008 in Jayam College of Engineering & technology, Dharmapuri, Tamilnadu.

Achievements:

1. Received Best Paper Award for the Research paper entitled "Sign Language to Voice Output for Differently Impaired" in International Conference on Emerging Trends in Science and Engineering (ICETSE-2017) on 11th & 12th May, 2017 in Coorg Institute of Technology, Kodagu, Halligattu, Karnataka.

2. Established & Modernized an Embedded System Design Lab

3. 11 times won Academic Excellence award.

4. Certified as Qualified Internal Auditor for ISO 9001: 2000 & ISO 9001: 2008.

5. Won several awards and certificates for showing proficiency in academics & profession.

6. Received Certificate of Academic Excellence in M.E Degree

7. Life Member of Indian Society for Technical Education.

8. Life Member of Institute of Electrical & Telecommunication Engineering.

9. Life Member - MIE of Institute of Engineers IE(I).

Academic Responsibilities:

★ Handling Classes
★ Administrating the whole department with 45 staff & 480 Students
★ Scheduling classes
★ Administer & grade exams
★ Students & Faculty Assessments
★ Feedback from Students on Faculty Performance
★ Additional coaching for students
★ Project guidance
★ Student Mentoring & Counselling etc...

Subject Taught & Handling:

★ Network Security	★ Embedded System Design
★ Microcontroller	★ Microprocessor
★ Computer Communication N/w	★ Data Structures using C & C++
★ Fibre Optics Communication	★ Electronics Instrumentation
★ Analog & Digital Communication	★ Electronics Devices & Circuits
★ Microwave Communication	★ Control System
★ Radar Systems	★ Logic Design

PROFESSIONAL ROLES IN UNIVERSITIES & COLLEGE:

★ **University PG Thesis Examiner** : Visvesvaraya Technological University, Belgaum.

★ **University Paper Setter** : Visvesvaraya Technological University, Belgaum.
(UG/PG Theory & Practical)

: Tamilnadu Veterinary and Animal Science University, Chennai, Tamilnadu.

: Adhiyamaan College of Engineering (Autonomous) Hosur, Tamilnadu.

★ **Examiner** : Visvesvaraya Technological University, Belgaum.
(UG/PG Internal & External)

: Tamilnadu Veterinary and Animal Science University, Chennai, Tamilnadu

: Adhiyamaan College of Engineering (Autonomous) Hosur, Tamilnadu.

★ **Committee Member** : University Nominated Member in Discipline & Anti-Sexual harassment committee

★ **Programme Convener** : **LI'VAZ** (2008 to 2012)
National Level Technical Symposium,
Shirdi Sai Engineering College, Bangalore

: **ICASET (2016 &2017)**
International Conference on Applied Science Engineering & Technology,
Sri Sairam College of Engineering, Bengaluru

SEMINAR / FDP / TRAINING PROGRAMME:

★ Participated & Attended the Pre-Conference Tutorial Session titled *"Advanced Micro Nano Techniques for Science & Engineering Applications"* and *"Current life-critical systems design"* on 18th May, 2017 conducted by **Dr. P. Muthu Kumaran and Dr. Lalith Kumar Singh** in ICASET-2017.

- ★ Participated in Faculty Development Programme titled *"Outcome Based Education and Road Map for Accreditation"* during 18th – 21st January, 2017 organized by Sri Sairam College of Engineering, Bengaluru, Karnataka.

- ★ Participated in Faculty Development Programme titled *"Innovative Teaching Pedagogy and Student Management"* during 14th - 18th July 2016 organized by Sri Sairam College of Engineering, Bengaluru, Karnataka.

- ★ Participated in Faculty Development Programme titled *"Future Challenges for the Techno Professional Faculty"* on 18th & 19th January 2016 organized by Sri Sairam College of Engineering, Bengaluru, Karnataka.

- ★ Participated in Workshop titled *"IOT (Internet of Things)"* on 24th October, 2015 organized by IOTCELL, Bengaluru, Karnataka.

- ★ Participated in Faculty Development Programme titled *"VLSI Design and Intellectual Property"* on 9th & 10th January, 2015 organized by Jyothy Institute of Technology, Bengaluru, Karnataka.

- ★ Participated in Faculty Development Programme titled *"IPR, Stress Management & Effective Counselling Techniques"* during 1st – 5th January, 2015 organized by Department of Science & Technology, Govt. Of India, New Delhi T-IEDC and Sri Sairam College of Engineering, Bengaluru, Karnataka.

- ★ Participated in Faculty Development Programme titled *"Five Day Faculty Skill Enrichment Program"* during 20th – 24th January 2014 organized by Shirdi Sai Engineering College, Bangalore, Karnataka.

- ★ Participated in Seminar titled *"Introduction to Cortex M3"* on 8th December 2012 organized by Epitome Technologies, Bangalore, Karnataka.

- ★ Participated in Hands-on Training & Trained in "Android Application Development" during 21st & 22nd September, 2012 organized by Nextify–NextGen learning Course, Hosur, Tamilnadu.

- ★ Participated and Trained in LabVIEW Core 1 & 2 during 09th – 14th July, 2012 organized by National Instruments India PVT Limited, Bangalore.

- ★ Participated & Attended the complementary seminar titled *"MATLAB & Simulink for Engineering Education"* on 6th March, 2012 organized by MathWorks India Pvt. Ltd.,   in Bangalore

- ★ Participated in Workshop titled *"New Paradigms in the Accreditation System"* on   4th November 2011 conducted by Aassan eduCare Private Limited Chennai at The pride Hotels, Bangalore.

- ★ Participated in AICTE Sponsored Staff Development Programme titled *"Electrical Machine Control Based on DSP"* during 27th – 03rd July 2011 organized by Shirdi Sai Engineering College, Bangalore, Karnataka.

- ★ Participated in Workshop titled *"Vector Control of Induction Motor"* during 17th - 19th March 2011 organized in Visveswaraya Technological University Campus, Belgaum, Karnataka.

- ★ Participated in Workshop titled *"Recent Research in Mathematics and its Applications"* on 22nd December 2010 organized by Shirdi Sai Engineering College, Bangalore.

- ★ Participated in Hands on Training - Practical Workshop titled *"How to Develop Device Drivers"* on 11th December 2010 organized by Shirdi Sai Engineering College, Bangalore.

- ★ Participated in National Conference titled *"Communication Network and Security"* on   17th May, 2010 organized by Indian Service Machine (ISM), Bangalore.

- ★ Participated in Workshop titled *"Mission 10X - High Impact Teaching Skills"* during 8th to 12th March 2010 Attested by Dale Carnegie & Associates, Inc. and organized by Wipro Private Ltd., Bangalore.
- ★ Participated in Workshop titled *"Workshop on ARM9"* on 14th November 2009 organized by Indian Service Machine (ISM), Bangalore.

- ★ Participated in Staff Development program titled *"Management of Teaching"* during 21st Jan to 2nd Feb 2008 sponsored by AICTE, New Delhi & Conducted by SKP Engineering College, Thiruvannamalai.

- ★ Participated in Seminar titled *"Application of Embedded System in Wireless Technology"* on 30th April 2007 organized by Indian Service Machine (ISM), Bangalore.

- ★ Participated in Short term Training program titled *"Storage Technology Foundations"* during 23rd to 27th July 2007 Conducted by Global Service technical Training (EMC^2), Bangalore.

- ★ Participated in Seminar titled *"Trends in VLSI & Embedded System Design Technology"* on 12th & 13th April 2007 organized by Global Academy of Technology, Bangalore.

- ★ Participated in Training Program titled *"Internal Quality Auditing based on ISO 9001-2000 & 9001 - 2008"* on 4th Dec 2006 Conducted by IIQ Systems Pvt, Ltd., Bangalore.

- ★ Participated in Short term Training program titled *"VHDL AND VLSI DESIGN TOOL"* during 12th to 16th July 2005 Conducted by SiMSHODH, Bangalore.

PERSONAL DETAILS:

Name	:	Sivaprakash. C
Father's Name	:	Mr. M. Chokkalingam
Date of Birth	:	25th May, 1977
Gender	:	Male
Marital Status	:	Married

DECLARATION:

All the details furnished above are true to the best of My Knowledge & belief.

Place: Bengaluru

Date: 16.01.19 (C. Sivaprakash)