Dr. Shriram K V

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Profile

- A blend of Industrial and Teaching experience for **11** years. Strongly passionate to take up challenging tasks. Authored / Co- Authored **32** books for reputed publishers across globe. Authored **109** research papers in revered international journals.
- Recognized/awarded by **Future Group**, **Institution of Engineers of India (IEI), Ministry of Food Processing Industries (MoFPI – Govt. of India), Microsoft, Wipro, Infosys, IBM India, SoS Ventures (USA), VIT University, Amrita University, Computer Society of India, TBI – TIDE, ICTACT, Times of India, Nehru Group of institutions, Texas Instruments, IBC Cambridge, Cisco, CII (Confederation of Indian Industries), Indian Air Force** etc. for my technical expertise. Listed in many famous biographical databases.
- **Ph.D., and Masters** in Embedded Systems.
- **World Record Holder – With Sister Subashri Vasudevan (Only Sibling in the Globe to have authored 9 books together, Unique World Record Books**). Reference Number – Registration No : 2016PP151
- **Entry in Limca book of records for National Record – 2015.**
- **Entry in India Book of Records – National Record and Appreciation. – 2017.**
- Interested in Testing (**Embedded Systems, Augmented Reality and Virtual Reality**) and Teaching and Training.
- Involved in coaching/mentoring students towards Entrepreneurship and Placements.

Experience

1. Currently Employed with **Amrita Vishwa Vidyapeetham (Deemed to be University), Coimbatore** as **Assistant Professor (Selection Grade)** – Computer Science and Engineering from 2nd May, 2012.
   I. Joined as Technical Manager, Promoted as Sr. Assistant Professor by Nov 2014. Moved to the scale of Selection Grade Assistant Professor by July 2015.
   II. My Responsibilities other than regular teaching include:
      - ✓ Responsible for conducting technical trainings for University students towards better placements and competitions. (both UG and PG)
      - ✓ Also responsible for coordinating TBI (Technology Business Incubator) at Coimbatore Centre.
      - ✓ I train students at Bengaluru and Amritapuri (Kerala) campus towards better placements as well.
      - ✓ Coach for students aspiring to be Entrepreneur.
   III. Notable Achievements with tenure:
      - ✓ Selected as Young Engineer for the Computer Science Discipline by **Institute of Engineers (IEI), 2016.**
      - ✓ Invited by **Barcode Gulf LLC, Dubai, UAE** and visited them for a week to get trained in Mobility domain from Dec 23rd to Dec 29th 2013.
      - ✓ Invited and visited **Kingdom of Thailand, Bangkok** to receive the award Best Academic Researcher, 2014 on Dec 30th 2014.

- ✓ Awarded as Best Computer Science Teacher, Distinguished Facilitator, Best Academic Researcher etc.
- ✓ Winner (Second Prize) of **CII – Teacher's Day Technical Event – Smart City –** 2016.
- ✓ **Convener** Technical – Anokha '17. Managed 30 technical workshops and 70 technical events.
- ✓ Member of University Digitization Board.

2. Was Employed with **Aricent Technologies (Fujitsu)** as Senior Testing Engineer. (From 21st Oct 2010 - 29th Feb 2012)
   - I. Was responsible for:
     - ✓ L2 – xSTP protocol testing for Flash wave 9500 Network Element.
     - ✓ Involved in test strategy and planning.
     - ✓ Automation and Sanity suite creation and maintenance.
     - ✓ Training the new entrants and new joiners to the project and company.
3. Was employed with **VIT University** as Assistant Professor (From June 17th 2009 – 15th Oct 2010).
   - I. Was responsible for:
     - ✓ Handled subjects for M.Tech and B.Tech. Guided more than 10 academic projects.
     - ✓ Handled a. Embedded Systems b. Embedded Linux c. Scripting languages d. Micro-controllers and applications and e. Computer Networking.
     - ✓ Handled Embedded Lab, Linux Programming lab and Microcontroller labs.
     - ✓ Played a vital role in getting Embedded Linux lab set.

4. Was employed with **Wipro Technologies (Fujitsu)** from August 7th 2006 to June 5th 2009. (Joined as Project Trainee (Intern), Left the company as Senior Project Engineer)
   - I. Was responsible for:
     - ✓ L1, L2 Testing with Product from Fujitsu.
     - ✓ Was involved in testing – Manual and Automation.
     - ✓ Had been to **USA** for Telecom Testing/Training (Manual Sanity) with Fujitsu.
     - ✓ Responsible for System Integration and was taking care of System Administration and Training activities.

Qualification

- **Ph.D. (Embedded Systems)** 2011 November – 2015 June @ PRIST University, Tanjore, India. Rated as Commended by reviewers and degree awarded on June 10th 2015.
  - I.   **Title: A Generalized and Efficient approach for Content Based Image Retrieval (CBIR).**
  - II.   **Guide: Dr. PLK Priyadarsini, Senior Assistant Professor, SASTRA University.**
  - III. **Papers Published – 6.**
  - IV.   **Book Authored – 1.**
  - V.   **Int. Conference – 2.**

- **M.Tech.** 2005 – 07 – Embedded Systems from SASTRA University, Tanjore

CGPA: 9.222/10.00 – First Class with Distinction
Done Research Project on Software Defined Radio for a period of 10 months in Wipro Technologies.
Topped in 3 subjects and awarded for the same.

- **M.B.A.** 2008 – 10 HRM and Marketing from Periyar Maniammai University, Tanjore, India.
  CGPA: 6.6/10.00 – First Class.

- **B.E.** 2000 – 04 – Electronics & Instrumentation from Annamalai University, Chidambaram, India. **CGPA: 8.33/10.00** – First Class.

- **Higher Secondary –** 88.2 % (School Second Rank)

- **S.S.L.C –** 91.8 %

Mentorship

- Mentor of the team winning **Bosch Inscribe'13**.
- Selected and visited with my **team GetVu to San Francisco, USA with 25K US$** as stipend in the international event LEAPAXLR8R. The event was scheduled from Feb 1st week to April 4th week. We are the first Indian/Asian team to achieve this milestone. Mentored the team towards building the world's first AR headset.
  - ✓ Demonstrated the **AR headset** and abilities at **Augmented World Expo, San Francisco, California.**
  - ✓ Only team from India to get selected for RIVER, Seed funding event conducted by **Rothenberg Ventures at San Francisco**, USA (My Team is funded with 1,00,000 USD)
- Mentor of one of the top 5 teams (Circuit Breakers) to have reached **Accenture Innovation Jockeys – 2015.**
- Mentor of the team making it to the finals of **Bosch Makeathon'16.**
- Mentor of winners of the **Team – Smart Water** in CISCO Ideate 2016. Received appreciation for my mentoring abilities from CISCO top team.
- Mentor and Member of team making it into the finalists – **VISTARA AVIATION Hackathon** – Oct 7th and 8th 2017. (made it to top 20)
- Mentor of team winning "**GE Industrial IoT Hackathon**" **–** 2017. (1st out of 959 participants)
- Mentor and member of the team "Makers'" reaching top 15 of national Hackathon – **World Food India Hackathon, Conducted by Ministry of Food Processing Industries and CII. Received special appreciation from Ministry for the same.**
- Mentor and member of the team **RECOSYS V1.0** reaching finals of "**Brainwaves - SG GSC Hackathon**" conducted by Societie Generale. (5000 Plus Participants)

Social Teaching

- **YouTube Channel** – Shriram Vasudevan (1,300 Subscribers with 97, 000 Views)

Research work guidance

- Ph.D. Thesis advisor for part time research candidate Ms. Divya, Dept. of Computer Science and Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham (University), Coimbatore. (Roll Number: CB.EN.D*CSE15006).
  Area of Research: Augmented Reality.
- Ph.D. Thesis advisor for full time research candidate Ms. Janitha, Dept. of Computer Science and Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham (University), Coimbatore. (Roll Number: CB.EN D*CSE16008)
  Area of Research: IoT.
- Ph.D. Thesis advisor for full time research candidate Mr. Vimalkumar K, Dept. of Computer Science and Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham (University), Coimbatore.
  Area of Research: IoT.
- Ph.D., Thesis co-advisor for full time research scholar Ms. Parvathy Dharmaraj, Dept. of Computer Science and Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham (University), Coimbatore. (Roll Number: CB.EN D*CSE16012)
- Ph.D. Doctoral Committee member for Mr. Arunkumar and serving as a mentor for Real time operating systems.
- Ph.D. Doctoral Committee member for Ms. Sini Raj.
- Ph.D. Doctoral Committee member for Mr. Prabhuram, Kongu Engineering College, Anna University.

Inventions and Patent Details

1. Application number: **5256/CHE/2013** – Filed Provisionally.
   Indian Patent Request – Filed with The Patent office, Chennai, India.
   Title: System, Device and Method for Virtual Computing using Gesture Tracking Sensor.
   Team: Santhosh, Rakesh and Shriram K V

2. Indian Patent Docket Number : 15122 (Indian Patent Office)
   Application Number: **3269/CHE/2013, Patent Published U/S 11A – 29/05/2015**
   Title: An Apparatus to Assist Night Driving Of Road Vehicles
   Team: Shiva D, Shriram K V, Subashri, Gokul

3. Invention ID: **IN-811957**
   Title: "A Predictive method for analyzing the impact of Wear &Tear on road conditions using RADAR detection system"
   Awarding Society: Intellectual Ventures Limited.
   Team: Sivaraman R, Shriram K V, Murali N, DP Kothari.

Funding received and Projects completed

1. Title: **Augmented Reality Spectacles.**
   Funding Agency: **SoS Ventures, SFO, USA.**
   Amount of fund received: 25,000 US$ (17, 00,000 INR Approximately)
   Period of visit to USA: Feb 1st 2014 to May 2nd 2014.
   Status: Completed and product released.

   In process:
2. Title: **Geo-spatial 3D Modelling and Augmented Reality for Smart City Planningand Design**
   Funding Agency: **DST, India.**
    Role: Co-PI.
   Cost Proposed: 67,00,000 INR
   Status – Second Round Review.

Book Chapters Authored

1. **Book Title: Advances in Control and Mechatronic Systems Volume: I**
   ISBN-13: 978-0692623978
   ISBN-10: 0692623973
   United Scholars Publications, United States of America.
   Chapter Title: SMART CONTROL OF TRAFFIC SIGNAL SYSTEM USING IMAGE PROCESSING
   2016, January.
   Authors: Akshay, Murali Siva, Parthasarathy and Shriram K Vasudevan
2. **Advances in Computer Networks and Information Technology: Volume: II**
   ISBN-13: 978-1539855224
   ISBN-10: 1539855228
   Title: A Comparative Study of BlueZ and BlueDroid.
   Page: 83.
   Authors: Priyanka, Keerthana and Shriram K Vasudevan.
3. **Advances in Natural and Life Sciences Volume: III**
   Authors: Anandaram S, Anish J Menon, Aravinth A, and Shriram K Vasudevan
   United Scholars Publications, United States of America.
   Title: WEARABLE SOLUTIONS - INTERNET OF THINGS
   Page 1 – 25, ISBN-13: 978-1977713728

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Books Authored and Co-Authored

(32 Including Revisions in market)

S.No	Book Title	Publisher detail	Co-Authors	ISBN Number and details
1	**Embedded Systems**	New Age Publishers, New Delhi, India.	Dr.D.P.Kothari, Sundaram and Murali	Edition 1, 2012. I S B N: 978-81-224-3393-7. Cost: Rs. 250/-
2	**Embedded Systems (International Version)**	New Age Academic Science, United Kingdom (UK)	Dr.D.P.Kothari, Sundaram and Murali	Edition 2, 2013. I S B N: 978-1-78183-002-4. Cost: 40 Pounds/60 US Dollars
3	**Linux**	New Age Publishers, New Delhi, India.	Dr.D.P.Kothari, Sundaram and Subashri V	Edition 1, 2012. I S B N: 978-81-224-3438-5. Cost: Rs. 150/-
4	**C-Simpler**	S Chand Publishing, New Delhi, India	Dr.D.P.Kothari, and Subashri V	Edition-1, 2012. ISBN: 81-219-4121-0. Cost: Rs. 225/-
5	**An analysis of Microcontrollers**	Scientific International Publishers Ltd (SIPL), New Delhi, India.	Dr.D.P.Kothari, Subashri V and Sivaraman.	Edition-1, 2012. ISBN: 978-93-81714-29-4. Cost: Rs. 250/-
6	**Object Oriented Approach using C + +**	Scientific International Publishers Ltd (SIPL), New Delhi, India.	Dr.D.P.Kothari, Subashri V and Senthilkumar	Edition-1, 2013. ISBN:978-93-8171-4461 Cost: Rs. 200/-
7	**Digital Electronics**	Scientific International Publishers Ltd (SIPL), New Delhi, India.	Jai Vighneshwar, Subashri and Sumana R	Edition-1, 2013. ISBN: 978-93-81714-53-9 Cost: Rs. 325/-
8	**Technical Interviews Made Easier**	Galgottia Publications	Subashri and Sivaraman	Edition – 1 – 2014 ISBN – 978817515776 Cost 150 INR
9	**Introduction to AI – An Intelligent Approach**	LULU, United States of America.	Kaushik Velusamy, Deepthi Venkataraman	Edition-1, 2013 ISBN: 978-13-04318-08-4 Cost: 25 US Dollars

10	**Content Based Image Retrieval (CBIR)**	Lambert Academic Publishing, Germany	Dr.P.L.K.Priyadarsini and Subashri V	Edition-1, 2012 ISBN: 978-36-59171-72-7 Cost: 45 US Dollars
11	**Speed control of synchronous motor using FPGA**	Lambert Academic Publishing, Germany	Sivaraman and Subashri V	Edition-1, 2012 ISBN: 978-36-59226-22-9 Cost: 45 US Dollars
12	**Design of Adaptive Cruise Controller: With Stop & Go Scenarios**	Lambert Academic Publishing, Germany	Balachandran and Subashri V	Edition-1, 2012 ISBN: 978-36-59239-71-7 Cost: 45 US Dollars
13	**Facile Synthesis of Tubular Nanostructures and their Applications**	Lambert Academic Publishing, Germany	Narendhar	Edition-1, 2012 ISBN: 978-36-59236-36-5 Cost: 45 US Dollars
14	**Antimicrobial activities of Metallic Nanoparticles**	Lambert Academic Publishing, Germany	Narendhar	Edition-1, 2012 ISBN: 978-36-59300-07-3 Cost: 45 US Dollars
15	**An analysis of attrition in Indian educational institutions**	Lambert Academic Publishing, Germany	Gokul and Narendhar	Edition-1, 2012 ISBN: 978-3-8454-0368-7 Cost: 45 US Dollars
16	**Computer Networking**	Narosa Publishing House	Dr.D.P.Kothari, Subashri and Palanisamy.T	ISBN: 978-81-8487-390-0 Pages: 350 Cost: ₹. 325/-
17	**Computer Networking (International Edition)**	Alpha Science International, United Kingdom	Dr.D.P.Kothari, Subashri and Palanisamy.T	ISBN: 978-1-84265-919-9 Publication Year: December 2014 Pages: 352 Cost: GBP 50 Pounds / 80 US Dollars
18	**Modern Operating Systems**	IK International Publishing	Subashri, Kaushik and Sunandhini	ISBN: 9789384588344 **Pages:** 232 **Year:** 2015 Cost: ₹. 225
19.	**Integrated Electronics**	Narosa Publishing House.	Jai Vighneshwar, Sumana and Pradeep	ISBN: 978-81-8487-422-8 Cost: ₹. 250 Edition : I, 2015
20.	**Integrated Electronics (International Edition)**	Alpha Science International, United Kingdom	Jai Vighneshwar, Sumana and Pradeep	ISBN: 978-1-84265-943-4 Publication Year: March 2015 Edition : 1, 2015 Cost: 70 USD

21.	**C Sharp Essentials**	IK international publishing house	Sunandhini and Subashri	ISBN: 9789384588588 Pages: 256 Year: 2015 Price: Rs.275.00. August 2015.
22.	**Essentials of Internet Programming**	IK international publishing house	Chandni, Sunandhini and Meenakshi Sundaram	ISBN: 9789384588595 Pages: 352 Year: 2015 Binding: Paperback Price: Rs.325.00
23	**Linux (International Edition from UK)**	New Academic Science Publishing House (UK)	DP Kothari, Subashri and Sundaram	ISBN: 978-1-781830-19-2 Price: £ 25 Pub. Date: 2016 Edition: International Edition.
24.	**A Dictionary for Computer Science**	IK International Publishing	Subashri, Kaushik and Sunandhini	ISBN: 9789384588625 Pages: 306
25	**Linux (Edition 2)**	New Age Publishing	Subashri, Kothari and Sundaram	ISBN: 978-81-224-3993-9 Pages: 177.
26.	**Software Engineering**	Narosa Publishing House.	Jeyakumar, Prashant and Subashri	ISBN: 978-81-8487-568-3 Pages: 208
27.	**Software Engineering.**	Alpha Science International, UK.	Jeyakumar, Prashant and Subashri	ISBN: 978-1-78332-277-0 Cost: GBP. 34.95
28.	**A Text Book of Digital Electronics (Edition -2)**	MEDTEC (Scientific International).	Jai Vighneswar, Sumana and Subashri.	ISBN: 978-93-85998-70-6 Cost: Rs. 350/- **Indexed in ACM Digital Library.**
29.	**IK Job Interview Series – Cracking the C Programming Skills.**	IK international publishing house	Sundaram, Abhishek, Vivek	ISBN: 978-93-85909-36-8 Cost : Rs. 490/-
30.	**IK Job Interview Series – Cracking the C ++ Programming**	IK international publishing house	Sundaram and Abhishek, Subashri.	ISBN-10: 938590938X ISBN-13: 978-9385909382 Rs. 295/-
31.	**Software Project Management**	Narosa Publishing House	Subashri, Sundaram and Prashant R Nair	ISBN: 978-81-8487-606-2 Cost: Rs. 395/-
32.	**Software Project Management (International Edition)**	Alpha Science International Ltd., Oxford, UK.	Subashri, Sundaram and Prashant R Nair	ISBN: 978-1-78332-354-8 Cost: Rs. 395/-

In Press, Expected Release shortly (4 Books)

S.No	Book Title	Publisher detail	Co-Authors	Status of the book
1	**IK Job Interview Series – Cracking the OS Skills.**	IK International	Abhishek, Subashri	Expected release by April 2018.
2	**IK Job Interview Series – Cracking the ECE Skills**	IK International	DP Kothari, Vivekanandan, Sumana	Expected release by April 2018.
3	**Object Oriented Approach using C + + (Edition – 2)**	SIPL, India.	Subashri and DP Kothari	Expected release by April 2018.
4	**Java Script**	IK International	Archana Devi, Sunandhini	Expected release by May 2018.

Books in process (2 Books)

S.No	Book Title	Publisher detail	Co-Authors	Status of the book
1	**Industrial Instrumentation**	Yesdee Publishing House	Milinda Purna, DP Kothari and C Krishnakumar	Expected release by June 2018.
2	**Software Testing**	Yet to be identified.	Sundaram, Subashri	Expected release by Sep 2018.

Awards/ Honors Conferred

1. **"Best Faculty of the year"** under sub category **Authoring Books on Contemporary Subjects** at the **CSI TechNext India 2018 - Awards** (Computer Society of India)
2. "**Excellence in Research Award**" – 2016-17 – From Amrita Vishwa Vidyapeetham.
3. Second runner up in "**The Future Datathon"** conducted by The **Future Group**, C and D Labs and Hakerearth out of 4000 plus participants. Date: 9th December, 2017. Bengaluru.
4. Received appreciation from "**Ministry of Food Processing Industries (MoFPI), Government of India**" for my contribution, product presented in World Food India Hackathon, World Food India – 2017. New Delhi.
5. "**Distinguished Facilitator Award (Technical) – Inspire – Runner up -** Faculty award by **Infosys** technologies, Mysore @ 2017.
6. Entry in **India Book of Records** with appreciation note towards authoring "Unique C Programming Book" with 2445 questions. – 2017.
7. Recipient of **Microsoft Azure Research Award** – 2017. Reference number - **CRM:0740180.(**Access permissions worth 5,000 USD)

8. Appreciated and awarded by **Amrita University** for my performance for the year 2016-17. Was one of the very few to be honored with appreciation letter and incentive. (100% of one month salary as incentive)

9. Identified as a **Resource Person** by Computer Society of India, CSI – Region – 7. (http://www.csi-india.org/resource_person7.aspx)

10. One of the top 30 innovations in Amrita TBI Innovation Challenge 2017. Link: http://www.amritatbi.com/blog/amrita-tbi-innovation-challenge-results.htm

11. Winner of "**Deloitte Innovation Award**" (Team: Geek's Squad), for **Smart India Hackathon – 2017.** Teamed with 6 students and a Faculty member.

12. Identified as **Distinguished Speaker** by **Computer Society of India, CSI** in region – 7. (http://www.csi-india.org/dspregion7.aspx, 2016-17)

13. Winner (Second Prize) in the **CII Teacher's Day Technical Event – Smart City –** Oct'5th, 2016. (40 products were presented for the award contest.)

14. Delivered a Talk at Indian Air Force, AOC 5 BRD, AF, Sulur during Information Awareness week. Was honored with a memento.

15. Selected as one of the teachers for **"Indian Academy of Sciences" – Summer Fellowship, 2016** scheme. (Skipped it due to personal reasons)

16. Appreciated with a certificate for my contributions by towards CISCO, iDeate product digital India challenge **CISCO – Feb, 2016. My team, Smart Water got the first prize.**

17. Selected as **IEI (Institute of Engineers, India) – Young Engineer for the year 2015 – 16** under computer science and engineering division.

18. Entry in Limca Book of Records – National Record - **Only Siblings in the world to have authored 9 books together.**

19. Appreciated and awarded by **Amrita University** for my performance for the year 2014-15. Was one of the very few to be honored with appreciation letter and incentive. (50% of one month salary with a promotion)

20. World Record Holder – With my Sister Subashri Vasudevan – **Only Siblings in the world to have authored 9 books together.** Entry in, **Unique Book of World Records.**

21. Appreciated by **Texas Instruments** for my guidance for innovation contest.

22. The startup I mentor, **GetVu**, has been awarded as "**one of the top 30 start-ups**" for the year 2014-15 by Amrita TBI.

23. Winner of **ICTACT's Best Techno Faculty Award (Special Trend Setter) – 2015**. (ICTACT is an organization created jointly by Govt of TamilNadu and Govt of India)

24. Winner of **Amrita TBI-TIDE Innovation Contest – bright idea award -** 2014-2015, An event organized by Amrita Technology Business Incubator for all the five campuses of Amrita University.

25. Winner of **Best Academic Researcher – 2014,** from ASDF @ Thailand.

26. Winner of **Shri.PK.DAS Memorial Award** – Best Faculty CSE – Junior – NGI, Coimbatore – 2013.

27. "**Distinguished Facilitator Award (Technical) – Inspire** Faculty award by **Infosys** technologies, Bangalore @ 2013.

28. **"Research Award (Cash)" –** by **Amrita University** @ 2013,14 and 15 (5 times)

29. One of the very few to have cleared up to **3rd round of MASTERMINDS-2013** competition of IBM.

30. Winner of **ASDF – Best Computer Science Faculty Global Award – 2013. (http://asdf.org.in/asdf-global-awards-titlers/)**

31. Facilitated by **Robert Bosch** for making students win in Inscribe 2012 competition.

32. **"Best Performer"** rating for the year 2011 from **ARICENT Technologies.**
33. **"Inventor Award"** by **Intellectual Ventures India** @ 2010. (Invention ID:IN-811577)
34. "**Research Award"** by **VIT University** @ 2010.
35. *"Feather in My Cap"* by **Wipro Technologies** @ 2008.

Keynote / Session chairing in Conference, Convener in Technical Events

1. Served as **Convener – Technical** for Anokha'18, Amrita University. Organized 30 workshops and 65 events for the Tech Fest and was a grand success.
2. Delivered an invited lecture (**Keynote**) on the topic "**Augmented and Virtual Reality"** at Mohandas College of Engineering & Technology, Thiruvananthapuram, Kerala on 19th April 2017. (National Conference: Prabandh'17)
3. Delivered a **keynote** address on the topic "**Augmented Reality /Virtual Reality as Enabling Technologies or building Smart Environments**" at PSG college of Technology, Coimbatore on 21st April 2017. (National Conference : Ambient Intelligence and Smart Environments)
4. Served as **Convener – Technical** for Anokha'17, Amrita University. Organized 30 workshops and 70 events for the Tech Fest and was a grand success.
5. Delivered a keynote address on "**Augmented Reality**" at M.Kumarasamy college of Engineering and Technology, Karur on 27th April 2017. (International Conference : IEEE - IEEE International Conference on Electrical, Instrumentation and Communication Engineering)
6. **Technical Session chair** – IEEE International conference on signal processing and communication (ICSPC'17) – July 28th/29th, Coimbatore, India.
7. Served as a **Session Chair** for International Conference on Smart Grid Technologies at Amrita University, Coimbatore on 8/8/2015.
8. Selected as the chair for **International Congress on Embedded Systems - Nov - 2014, Thailand.**
9. Had been a Session Chair for the conference **ICDRET-2014,** to be held at Professional Group of Institutions, Coimbatore on Aug 22nd 2014.
10. Delivered a **Keynote lecture** and **chaired** Harbinger – 2012 at PRIST University, Tanjore.

Board of Studies Contribution / Auditing Roles

1. Member of **Board of Studies** for M.E. Embedded Systems at Kumaraguru College of Technology, Coimbatore. (Year : 2015)
2. Member of **Board of Studies** for M.E. Embedded Systems at Kumaraguru College of Technology, Coimbatore. (Year : 2017)
3. Acted as the **auditor** for Dept. of Information Technology review, Sri Krishna College of Engineering and Technology, Coimbatore. (10th November 2017)

Entries in Biographical databases

1. Have been included in Emerald Asia's who is who 2015. , Rifacimento International.
2. Have been included in Asian American Who's Who (Vol 8), Rifacimento International.
3. Have been selected for inclusion in **Marquis Who is Who World 2016 biographical database, USA.**
4. Have been included in the famous **Asian American Who's who – 2015,** Rifacimento International, New Delhi.

5. Have been selected for inclusion in "**Dictionary of International Biography - 2015**" by IBC, Cambridge, United Kingdom.
6. Included in **Famous India: Nation's Who's Who 2015.**
7. Nominated for **Man of the year – 2014 in Education Sector,** by IBC, Cambridge, United Kingdom.
8. Have been selected for inclusion in "**Dictionary of International Biography - 2014**" by IBC, Cambridge, United Kingdom.
9. Have been selected for inclusion on **"Biographical India - 2014"** by Rifacimento International, New Delhi.
10. Included in **"Top 100 Educator's – 2014**" by IBC, Cambridge, United Kingdom.
11. Included in the very prestigious **International Biographical Centre, Cambridge's** *2000 outstanding intellectuals of 21st century*.
12. Have been selected for inclusion in **Marquis Who is Who World 2015 biographical database, USA.**

Appreciations Received / Other Achievements

1. Appreciated by **Informatics Publishing Limited** for my review contribution.
2. Appreciated by **WSEAS** as **Most Valued Reviewer**.
3. Appreciated by **PEARSON Education** for my Technical contribution in Q and A book preparation.
4. Appreciated by **The SAI (Science and Information Org)** for my technical contribution towards journal IJACSA **(U.S ISSN : 2158-107X(Print))**
5. Received appreciation as an Active Reviewer from **WSEAS Transactions on Circuits and Systems Journal, Athens, Greece.**
6. Received appreciation / appointment as an editorial board member from **News in Engineering (NIE), Sci-Pub, Slovakia.**
7. Had been a resource person for handling sessions on **Computer Networking and Computer Architecture** areas for Wipro Trainees at **Wipro**, Coimbatore. (11th Oct 2014)
8. Have been invited as a **Speaker** @ 1st Annual Global Congress of Knowledge Economy-2014, **China**, held in September – 14.
9. One of the Jury members for Best **Paper Selection** for the journal IJACSA, The SAI, USA. – 2014.
10. Have been appreciated by **Govt. of Tamilnadu** for my Blood donation initiatives. - **2010**
11. Delivered talks in All India Radio **(AIR)**, Tiruchirappally – 1998 for a couple of times.
12. Secured school second rank in the HSC and school fourth rank in SSLC.
13. Have won more than **50** prizes in Elocution, Quiz and other extra-curricular and sports activities at School and College Level.

Membership in professional bodies

1. Member (Life) – **Computer Society of India** (CSI) - 1510166
2. Senior Member of **International Engineering and Technology Institute, Hong Kong. (Member ID :2015082320)**
3. Member of the **Science and Information Organization (The SAI)**
4. Member of **International Association of Computer Science & Information Technology (IACSIT),** Singapore. Membership ID: 80346436
5. Member of **CSTA (ACM Computer Science Teachers Association).** Membership ID: 4871246
6. Member of **Science Alert, New York.**

7. Member of **International Association of Engineers (IAENG).** Membership ID: 135110.
8. Member of **Science and Engineering Institute (SCIEI).** Membership ID: 20131008005
9. Board member of International **Association of Scientific Innovation and Research** (IASIR)
10. Member of IAENG **Society of Artificial Intelligence**
11. Member of IAENG **Society of Computer Science**
12. Member of IAENG **Society of Internet Computing and Web Services**
13. Member of IAENG **Society of Wireless Networks**

Additional Responsibilities @ Amrita

1. Faculty in charge for Corporate Relations in Anokha 2014
2. Faculty in charge for Idea Fest, Anokha 2015
3. Faculty in charge for Lumiere, Anokha 2016
4. Overall in charge for technical workshops – Anokha 2016
5. Convener Technical – Anokha'17.
6. In charge - Mobile 10 x – Hack For India, IAMAI Hackathon, September 9th and 10th 2017.

Reviewership and Editorship

1. Reviewer, International Journal of Human-Computer Studies. **– Elsevier**.
2. Reviewer, International Journal of Advance Intelligence Paradigms – Inderscience.
3. Editor of **International Journal of Software Computing and Testing.**
4. Editor of International **Journal of Mobile Computing Devices.**
5. Editorial board member of **International Journal of Modern Sciences and Engineering.**
6. Technical Committee member in Anna University listed Annex – I, Scopus indexed journal - The **International Arab Journal of Information Technology** (IAJIT).
7. Reviewer for Annex –II, Scopus Indexed Journal, "**Indian Journal of Science and Technology**".
8. Editorial board member for **Journal of Artificial Intelligence Research & Advances " and "Journal of Operating Systems Development & Trends**", STM Journals.
9. Reviewer for **International Conference on Electronics, Communications and Networks (CECNet2014),** Beijing, China.
10. Editorial board member in **International Journal of Computer Sciences Engineering and Technology.**
11. Reviewer for **International Conference on Embedded Systems 2014**, Amrita University, Coimbatore.
12. Reviewer for **Cambridge University Press**, New Delhi, India.
13. Reviewer for **IK International Publishing House** and reviewed the book proposals they received.
14. Editorial board member with **AASCIT** (American Association for Science and Technology)
15. Reviewer of the **Science Publishing group**, USA.
16. Editorial board member of the **Sci-Pub Journal - News in Engineering**.
17. Editorial board member of the reputed **International Journal of Computer-Aided technologies** (http://airccse.org/journal/ijcax/editorial.html)
18. Reviewer of **WSEAS** Conferences. Received appreciation from them as an Active Reviewer.
19. Reviewer for **Tata McGraw-Hill** publications.
20. Reviewer of the Science and Information Organization. **(SAI)** http://thesai.org/Reviewers/Details/7b3dccf3-5677-4a2f-8dc1-e0d18349ccbb
21. Editorial board member in **International Journal of Research in Engineering & Technology.**

22. Section editor in **International Journal of Innovative Technology and Research**.
23. Reviewer of **Knowledge Curve – Publications – books.**
24. Reviewer for **Asian Journal of Engineering and Technology.**
25. Reviewer of **Int. J. of Computer Applications in Technology, Inderscience Publications.**
26. Editorial Board member of International **Association of Scientific Innovation and Research** Journals, USA.

Journals and Publication Details
Note: Have received 245 Citations and H-Index stands at 8, I-Index at 6. (As on Feb 2018)
Format: Names of all authors, "Paper Title", Name of the Journal, Vol …, No…., Month, Year, pp

1. **Shriram K Vasudevan**, Subashri V and Siva J "Paper on Software Defined Radio and its encoding and decoding" is published in "JETWI – Journal for Emerging Technologies in Web Intelligence", PP:122 -130, Vol 2, No 2 (2010).

2. Sasikumar P, **Shriram K Vasudevan** and Vivek C "Heuristic Approaches with Probabilistic Management for Node Placement in Wireless Sensor Networks", International Journal of Recent Trends in Engineering, NOV 2009 Issue, PP – 109 to 111.

3. Sasikumar P, **Shriram K Vasudevan** and Ramesh M. "Heuristic Approaches with Energy Management for Node Placement in Wireless Sensor Networks". International Journal of Computer Applications 1(3), February 2010, PP: 69–73.

4. **Shriram K Vasudevan**., K. Venkateshwaran, V. Subashri, and V. Vaithiyanathan. "Analogue to digital converter design for software defined radio–an optimized approach." International Journal of Internet Technology and Secured Transactions 3, no. 2 (2011): 111-120.

5. Shriram, K.Vasudevan. , Venkateshwaran, K. , Vaithiyanathan, V. , Subashri, V. "Design of ADC for Software Defined Radio" . Internet Technology and Secured Transactions, 2009. ICITST 2009. PP: 1-5, 9-12 Nov. 2009

6. **Shriram K Vasudevan**, Sasikumar P, Vivek C and Sriram Karthik "Linear Ethernet protection switching" is published in International Journal of Computer Engineering and Computer Applications – BY SERC, Govt of India, PP Number 11 – 18, Volume 2, Issue 3, March 2010.

7. Sasikumar P, **Shriram K Vasudevan**, Vivek C and Sriram Karthik "Low power adder and Parallel Multiplier using Spurious Power Suppression Technique is published in International Journal of Computer Engineering and Computer Applications – BY SERC, Govt of India, PP Number 7 – 10, Volume 2, Issue 3, March 2010.

8. **Shriram K Vasudevan**, T. Dharmendra, R. Sivaraman, and S. Karthick. "AUTOMOTIVE IMAGE PROCESSING TECHNIQUE USING CANNY'S EDGE DETECTOR." *International Journal of Engineering Science and Technology* 1, no. 2 (2010): 2632-2644.

9. Z. C. Alex, Sivaraman R and **Shriram K Vasudevan**. "Software Defined Radio Implementation (With simulation & analysis)", International Journal of Computer Applications 4(8):21–27, August 2010.

10. Murali, N., **Shriram K Vasudevan**, and S. Muthukumar. "Model Predictive Controller of Boost Converter with RLE Load." *International Journal of Computer Applications* 11, no. 3 (2010).

11. **Shriram K Vasudevan,** P L K Priyadarsini and Subashri V. "CBIR - An analysis and suggestions for improvement". International Journal of Computer Applications 42(14):41-44, March 2012

12. **Shriram K Vasudevan**., P. L. K. Priyadarsini, and V. Subashri. "An Efficient and Generalized approach for Content Based Image Retrieval in MatLab."*International Journal of Image, Graphics and Signal Processing* 4, no. 4 (2012): 42.

13. **Shriram K Vasudevan**, D. Shiva, S. Rupesh, and S. Prasannakumar. "Handy Electrical Equipment Control Using GSM Unit and Mobile Phone."*IJECCE* 3, no. 4 (2012): 735-737.

14. Gokul M, Umeshbabu R, **Shriram K Vasudevan** and Deepak Karthik. Article: Hybrid Steganography using Visual Cryptography and LSB Encryption Method. International Journal of Computer Applications 59(14):5-8, December 2012.

15. **Shriram K Vasudevan**, R. Sivaraman, V. Subashri, and N. Murali. "Design and Development of an Embedded System for Monitoring the Health Status of a Patient." *International Journal of Intelligent Systems and Applications* 5, no. 4 (2013): 64.

16. **Shriram K Vasudevan**., P. L. K. Priyadarsini, M. Gokul, V. Subashri, and R. Sivaraman. "A novel approach using THES methodology for CBIR." In *Signal Processing Image Processing & Pattern Recognition (ICSIPR), 2013 International Conference on*, PP: 10-13. IEEE, 2013.

17. **Shriram K Vasudevan**, Subashri V, Sivaraman R and Balachandran A. Article: Automatic Pilot Mode during Abnormality for an Automobile. *IJCA Proceedings on International Conference on Innovations In Intelligent Instrumentation, Optimization and Electrical Sciences* ICIIIOES(11):30-34, December 2013

18. Sivaraman, R., **Shriram K. Vasudevan**, Akash Kannegulla, and A. Salivahana Reddy. "Sensor based smart traffic regulatory/control system."*Information Technology Journal* 12, no. 9 (2013): 1863.

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21. Gokul M, **Shriram K Vasudevan**, Sivaram, A.Balachandran, Subashri V, "Vehicle Identification using Fuzzy ADALINE neural network", Journal of Computer Science, Volume: 9, Issue : 6 PP : 757-762.

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Balachandran Arumugam. "ADAPTING LINUX AS MOBILE OPERATING SYSTEM." *Journal of Computer Science* 9, no. 6 (2013): 740.

23. **Shriram K Vasudevan,** Kaushik and Koushik, "An Efficient and Safe Wireless Traffic Control System", International Journal of Applied Engineering Research (IJAER). Volume 8, Number 10 (2013) PP: 1147-1158.

24. Sadam, **Shriram K Vasudevan**, Navin, GiriPrasath, "Gym Fitness Report Generator System", International Journal of Engineering Research and Technology (IJERT). Volume 6, Number 3 (2013), PP: 345-351.

25. **Shriram K Vasudevan**, Rohit, Ajeeth, "Insects Intrusion Avoidance in Two wheelers using ultrasonic frequency", International Journal of Applied Engineering Research (IJAER). Volume 8, Number 9 (2013) PP: 1047-1051.

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27. **Shriram K Vasudevan**, P L K Priyadarsini, Kaushik V, "An Efficient / Enhanced CBIR for a Computational Engine", Journal of Computer Science Volume 10, Issue 2, PP 272-284.

28. Sekar, Sathish, **Shriram K. Vasudevan**, Kaushik Velusamy, Y. Mrinal Purohit, Ganesh Alagappan, and Nivedita Venkatapathy. "UBIQUITOUS PALM DISPLAY AND FINGERTIP TRACKER SYSTEM USING OPENCV."*Journal of Computer Science* 10, no. 3 (2014): 382.

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30. Prakash P, Kousalya and **Shriram K Vasudevan**, "Dynamic virtual machine management algorithm for effective power saving in cloud environment", Journal of Computer Science Volume 10, Issue 3, PP 484-491.

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35. Priyadarshini, Sruthi, Prakash P and **Shriram K Vasudevan, "**An Enhanced and Efficient Security Using Steganography"**,** International Journal of Applied Engineering Research (IJAER). Volume 9, Number 10 (2014), PP: 1411-1417.

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44. Sundaram, B. Ramya, E. Aravind, S. Harithaa, G. Karthick, and **Shriram K. Vasudevan**. "Revolutionizing Technology Prioritizing Emergency Vehicles in Traffic." *Research Journal of Applied Sciences, Engineering and Technology* 8, no. 7 (2014): 886-891.

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"Improvised Energy Meter Supporting Wireless Data Transfer."*Research Journal of Applied Sciences, Engineering and Technology* 8, no. 10 (2014): 1266-1271.

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48. Baskar A, **Shriram K Vasudevan**, Prakash P and Chandni, "Ergodesk- desktop ergonomics using the new quadratic search algorithm" Research Journal of Applied Sciences, Engineering and Technology. 2014 Vol. 8 Issue. 15 PP: 1762-1765

49. Baskar A, **Shriram K Vasudevan** and Prakash P, "Advanced investigation and comparative study of Graphics Processing Unit- Queries Countered", Research Journal of Applied Sciences, Engineering and Technology. 2014 Vol. 8 Issue. 15. PP: 1766-1771.

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51. **Shriram K Vasudevan**, Srivathsan and Abarna.k, "BOXING WITH AUGMENTED REALITY", International Journal of Applied Engineering Research (IJAER), Research India Publications. Volume 9, Number 24 (2014) PP: 26865-26886.

52. Abijith Sankar, Akash Suresh, Varun Babu. P, A. Baskar and **Shriram K Vasudevan,** "An in-Depth Analysis of Object Recognition for Various Applications: A Survey", Research Journal of Applied Sciences, Engineering and Technology. Vol. 10, (1), PP: 1-14.

53. Archana, Vamsee Kiran and **Shriram K Vasudevan**, "An Exhaustive Survey on Human Computer Interaction's Past, Present and Future", International Journal of Applied Engineering Research (IJAER). Volume 10, Number 2 (2015) PP: 5091-5105.

54. Abhishek, PurnimaSri, Swathi S and **Shriram K Vasudevan**, "An extensive review on generations of growth in Telecommunication", International Journal of Applied Engineering Research (IJAER). Volume 10, Number 2 (2015) PP: 3049-3060.

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57. Geethan, P., P. Jithin, T. Naveen, K. V. Padminy, J. Shruthi Krithika, and **Shriram K. Vasudevan**. "Augmented Reality X-Ray Vision with Gesture Interaction." *Indian Journal of Science and Technology* 8, no. S7 (2015): PP: 43-47.

58. Subathra, P., R. Deepika, K. Yamini, P. Arunprasad, and **Shriram K. Vasudevan**. "A Study of Open Source Data Mining Tools and its Applications." *Research Journal of Applied Sciences, Engineering and Technology* 10, no. 10 (2015) PP: 1108-1132.

59. Gopinath, PP Geethu, and **Shriram K. Vasudevan**. "An in-depth analysis and study of Load balancing techniques in the cloud computing environment."*Procedia Computer Science* 50 (2015): PP: 427-432.

60. Karthick, M., M. Shatish, S. Swathika, S. SubhaShree, **Shriram K. Vasudevan**, and Vamsee Krishna Kiran. "Exporting Files into Cloud Using Gestures in Hand Held Devices-an Intelligent Attempt." *Procedia Computer Science* 50 (2015): PP: 258-263.

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Rehabilitation Through Virtual Reality", ", International Journal of Advanced Intelligence Paradigms, Inderscience Publishers, and Scopus/ACM Indexed. IJAIP- 143383. (Accepted and Confirmation Received)

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106. **Shriram K Vasudevan**, Abhishek SN, Swathi S, Akshaya Lakshmi, Anandram S, "Learn Quest – A Virtual Reality based system for training Autistic Kids", International Journal of Medical Engineering and Informatics, ISSN online: 1755-0661 ISSN print: 1755-0653, Inderscience Publishers, Scopus, Gale indexed,. (Accepted and Confirmation Received)

107. **Shriram K Vasudevan**, Ikram Shah, Sriharsha Patallapalli, Karthikeyan S, S. Subhash Chandran, U. Adithya Bharadwaj, "An innovative technical solution to avoid Insomnia and Noise-Induced Hearing Loss", International Journal of Medical Engineering and Informatics, ISSN online: 1755-0661 ISSN print: 1755-0653, Inderscience Publishers, Scopus, Gale indexed,. (Accepted and Confirmation Received)

108. Narassima, **Shriram K Vasudevan**, A Novel Statistical Approach to an Event Management – A study and analysis of a Techfest with improvisation suggestions. International Journal of Advanced Intelligence Paradigms, Inderscience Publishers. (Accepted for publication, Scopus Indexed)

109. Abhishek SN, **Shriram K Vasudevan,** Ikram Shah, "An inventive and innovative system to detect fall of old aged persons – A novel attempt with IoT, Sensors and Data Analytics to prevent the post-fall effects" International Journal of Medical Engineering and Informatics, ISSN online: 1755-0661 ISSN print: 1755-0653, Inderscience Publishers, Scopus, Gale indexed,. (Accepted and Confirmation Received)

International and National conferences

1. **Shriram K Vasudevan**., K. Venkateshwaran, V. Vaithiyanathan, and V. Subashri. "Design of analog to digital converter for SDR (Software Defined Radio)." In *Internet Technology and Secured Transactions, 2009. ICITST 2009. International Conference for* IEEE, London, United Kingdom. 2009, pp. 1-5.

2. **Shriram K Vasudevan**, Prabhuraj R, Subashvi V, Venkateshwaran K, "Advanced Telecom Computing Architecture (ATCA)", International Conference on Wireless Networks & Embedded Systems WECON 2009, India, 23rd– 24th October, 2009. PP 1-3.

3. **Shriram K Vasudevan**, Vivek C, Subashri V, Venkateshwaran. K "Automatic Protection Switching", International Conference on Wireless Networks & Embedded Systems WECON 2009, India, 23rd– 24th October, 2009. PP 1-3.

4. **Shriram K Vasudevan**., Siva Janakiraman, and Subashri Vasudevan. "SDR and Error Correction using Convolution Encoding with Viterbi Decoding" , Information Security And Networks (ISAN2009), Jun 19, 2009, , India, Journal of Emerging Technologies in Web Intelligence 2, no. 2 (2010): 122-130.

5. Sasikumar, P., **Shriram K Vasudevan**, and M. Ramesh. "Heuristic approaches with energy management for node placement in wireless sensor networks." ICFCA 2010, IISc Bangalore, 20 -

21 March 2010, Proceedings by Journal of Computer Applications 1, no. 3 (2010): 81-85.

6. **Shriram K Vasudevan**, Subashri V and Sasikumar P. Article: Implementation of H.264 Decoder. International ICFCA 2010, IISc Bangalore, 20 -21 March 2010, Proceedings by Journal of Computer Applications 1(4):92–97, 2010.

7. **Shriram K Vasudevan** and Sasikumar P , Paper on " Protection Switching Schemes" at SENNET 09, International conference on Sensor and Related Networks, VIT, Vellore. Pg.no 666 – 669 in the proceedings.

8. **Shriram K Vasudevan**, Sasikumar P and Subashri V , "Linear Ethernet Protection Switching", Proceedings of the International Conference on High Performance Communication Networks and Computing (HPCNC 2010), January 22-23, SASTRA University, Tanjore, India.

9. **Shriram K Vasudevan**, PLK Priyadarsini, Subashri V "A Novel Approach Using T.H.E.S Methodology for CBIR", International conference International Conference on Signal processing, image processing and pattern recognition (ICSIPR '13), India, 07 Feb - 08 Feb 2013, Pg-10-13 in the proceedings. Published in IEEE conference publications, IEEE Xplore, DOI: 10.1109/ICSIPR.2013.6497781, INSPEC – 13446246, ISBN: 978-1-4673-4861-4.

10. **Shriram K Vasudevan**, Sivaraman R, "Smarter Attempt For Building Smarter And Safer Cities", International conference on Innovations in Intelligent Instrumentation Optimization & Signal Processing-ICIIIOS'13, March 1, 2013, India, PP – 561-565 in the proceedings.

11. **Shriram K Vasudevan**, Subashri V, "Automatic Pilot Mode During Abnormality For An Automobile", International conference on Innovations in Intelligent Instrumentation Optimization & Signal Processing-ICIIIOS'13, March 1, 2013, India, PP – 566-569 in the proceedings.

12. Kishanth, Sumana and **Shriram K Vasudevan**, "Human Ensuing Self-Balancing Automation Based On Motion Sensor", IEEE ICHCI'13, Saveetha University, Chennai.23rd and 24th Aug 2013, ID 378, PP 121 of the proceedings.

13. Prakash, P., G. Kousalya, **Shriram K. Vasudevan**, and Kawshik K. Rangaraju. "Hardware Based Distributive Power Migration and Management Algorithm for Cloud Environment." The 8th FTRA International Conference on Multimedia and Ubiquitous Engineering (MUE 2014, China). Proceedings in Multimedia and Ubiquitous Engineering, pp. 83-89. Springer Berlin Heidelberg, 2014.

14. Prakash, P., G. Kousalya, **Shriram K. Vasudevan**, and K. S. Sangeetha. "Green Algorithm for Virtualized Cloud Systems to Optimize the Energy Consumption." International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, ICAEES-2014, India, Proceedings in Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, pp. 701-707. Springer India, 2015.

15. Geethu Gopinath, **Shriram K Vasudevan**, "An in-depth analysis and study of Load balancing techniques in the cloud computing environment", ISBCC 2015, VIT Chennai, March 12-13, 2015.

Proceedings by Procedia Computer Science 50 (2015): 427-432.

16. Karthick, M., M. Shatish, S. Swathika, S. SubhaShree, **Shriram K. Vasudevan**, and Vamsee Krishna Kiran. "Exporting Files into Cloud Using Gestures in Hand Held Devices-an Intelligent Attempt", ISBCC 2015, VIT Chennai, March 12-13, 2015, Proceedings by Procedia Computer Science 50 (2015): 258-263.

17. **Shriram K Vasudevan**, P L K Priyadarsini, Baskar A, "An Intelligent System of Content Based Image Retrieval for Crime Investigation", ICICDS 2014, SASTRA University, Tanjore, India, Sep 12-13 2014. Extended version by International Journal of Advanced Intelligence Paradigms 7, no. 3-4 (2015): 264-279, Inderscience Publishers.

18. **Shriram K Vasudevan**, A. Ritesh, and C. Santhosh. "An Innovative App with for Location Finding with Augmented Reality Using CLOUD." ISBCC 2015, VIT Chennai, March 12-13, 2015, Proceedings by Procedia Computer Science 50 (2015): 585-589.

19. Aswin T.S, Kartik Mittal and **Shriram K Vasudevan**, Efficient Television ratings system with Commercial Feedback Applications - 2016 Intl. Conference on Advances in Computing, Communications and Informatics (ICACCI), Sept. 21-24, 2016, Jaipur, India - 3581 – 3595.

20. Balachandran A, PR Suresh, **Shriram K Vasudevan**, Akshay Balachandran, An Innovative Solution for Effective Enhancement of Total Technical Life (TTL) of an Aircraft, 2016 Intl. Conference on Advances in Computing, Communications and Informatics (ICACCI), Sept. 21-24, 2016, Jaipur, India, 3372 - 3383.

21. An innovative and intelligent earphone with auto pause facility, Abhishek S N, R B Balakirithikaa, Madhan C and **Shriram K Vasudevan**, 2016 Intl. Conference on Advances in Computing, Communications and Informatics (ICACCI), Sept. 21-24, 2016, Jaipur, India, 3736 - 3741.

22. Aarya – A Kinesthetic companion for children with Autism Spectrum Disorder, Rachita Sreedasyam, Aishwarya Rao, Nidhi Sachidanandan, Nalini Sampath and **Shriram K Vasudevan**, 2016 Intl. Conference on Advances in Computing, Communications and Informatics (ICACCI), Sept. 21-24, 2016, Jaipur, India, 3694 – 3700

23. Haripriya M, **Shriram K Vasudevan**, "An Innovative Application for Car Engine Disparity Check – A Novel Attempt". Selected for presentation in ICSPC-17, Karunya University, Coimbatore, India. (July 2017)

24. Kavin, Nalini Sridar, **Shriram K Vasudevan**, "Dynamic Reliable Algorithm for IoT based Systems" , Selected for presentation in ICSPC-17, Karunya University, Coimbatore, India. (July 2017)

International and National workshops/conferences participated
1. National workshop on Intellectual property protection in semiconductor chips and products @ TIFAC-CORE, SASTRA University from July 12-13, 2006.
2. National workshop on Low power embedded systems using MSP430 Microcontroller organized

by Texas Instruments and IET Bangalore @ BMS college of Engineering from May 1st 2010 to May 2nd 2010.
3. National workshop on Power system communication, quality and high voltage engineering @ VIT University from March 12-13th 2010.
4. International summit on Global trends in higher education and challenges @ VIT University on 28th and 29th Nov 2009.
5. Need for Automation, organized by NI @ Coimbatore on 18th May.

Corporate trainings attended

1. Cryptography I (Stanford University and Coursera certified)
2. Unix System Programming (Wipro Trained)
3. System Design using FPGA (CDAC Trained)
4. Apple Mac OS X (Apple Trained)
5. Embedded System Design (VIT Certified)
6. Linux System Software (CDAC Trained)
7. DBMS workshop conducted by IIT, Bombay. (2 weeks)

Subjects handled (@ VIT University, Amrita University and Corporate training)
1. Service Oriented Architecture.
2. Internet Programming.
3. Microcontrollers and applications.
4. Computer Architecture.
5. Microprocessors.
6. Embedded System Design.
7. Linux system programming.
8. Operating systems.
9. Computer Networking.
10. Net centric programming.
11. Enterprise Architecture.
12. Introduction to Embedded Systems.
13. IT Essentials. (For Infosys and other mass recruiters).

Guest lectures delivered (68, till date)
1. Conducted a one day workshop on **Embedded Systems** at "**Periyar Maniammai University, `Tanjore"** for 400 people on 22nd August 2009. I was appreciated and stated that it was a mind blowing one day workshop. (Reference : Prof. Mr. Krishna Kumar, Electrical Department, PMU)
2. Delivered a lecture at "Vel Tech Multi Tech University" on **Microprocessor** and its applications on March 13, 2010 (Reference: Prof Mr. Ravi, HOD, CSE Department)
3. Conducted a one day Work shop on **operating systems** to all the teaching staff of VIT, Embedded -Systems Division. (Reference : Mr. Prakash, Division leader, Embedded Systems Division, VIT University, March 15th 2010)x
4. Conducted a two days workshop on **Linux Shell Scripting** at Karunya University, Coimbatore on 26th and 27th of March 2010. (Reference: Prof Ms.Vigila, HOD, ECE Dept, Karunya University)
5. Conducted a 2 days work shop on **Linux system programming** at VIT University for students from various universities across the state. (24th June – 25th June 2010).

6. Delivered a lecture on the topic "**Telecommunication Protocols**" at Annamalai University on 6th June 2010. (Ref: Prof K Jayaraman, kjayram2002@hotmail.com)

7. Delivered a guest lecture on the topic of "**Embedded Systems**"at M.A.M College of engineering, Trichy on 13th August 2010.

8. Delivered a one day workshop on "**Linux System Programming"** at V S B college of Engineering, Karur on 20th August 2010.

9. Delivered a lecture on **Latest trends in Engineering** at C K College of Technology, Cuddolore, Tamilnadu.

10. Conducted a workshop on **Embedded Systems** @ VSB college of Engineering in the month of August for a week.

11. Conducted a one day workshop @ M.Kumarasamy College of Engineering, Karur for a day on **Operating systems.**

12. Delivered a **Technical note** and inaugurated ASTHRA 2012 @ KSR College of Engineering, Tiruchengodu, Namakal Dist, Tamilnadu.

13. Delivered a technical talk @ Nehru Institute of Technology, Coimbatore on 20th Jan. 2013 on **Coding Tips for cracking technical interviews**.

14. Delivered a guest lecture @ Jansons Institute of Technology, Coimbatore on 28th Feb 2013 on **C++ and its industrial utilization**.

15. Conducted an FDP for professors from all over the country on **Linux kernel and System calls** on 16th May 2013 @ Kongu Engineering College, Erode, India.

16. Had been the resource person for one day FDP on **Network Security and OS essentials** for faculty members at Nehru Group of Institutions, Coimbatore on 27th June 2013.

17. Conducted a workshop for two days @ Sri Krishna College of Engineering and Technology on **Embedded systems** from 12th Aug to 13th Aug organized by Department of Mechatronics.

18. Inaugurated workshop "**Back to Future"** and delivered a Technical Talk on "Programming" at M.Kumarasamy College of Engineering, Karur on 17th Oct 2013.

19. Delivered a technical lecture on **"Operating Systems"** at M.Kumarasamy College of Engineering, Karur on 8th Jan 2014.

20. Delivered a technical lecture titled "**Technical Interviews Made Easier**" at M.Kumarasamy College of Engineering, Karur on March 6th 2014.

21. Conducted one day Faculty Development Program on **"Linux System Programming"** at Karpagam college of Engineering, Coimbatore on June 13, 2014.

22. Conducted one day Faculty Development Program on **"Object Oriented Programming"** at Karpagam college of Engineering, Coimbatore on June 18, 2014.

23. Had been a resource person for Faculty Development Program on "**Service Oriented Architecture"** at Dr.NGP College of Engineering, Coimbatore on 3rd July 2014.

24. Had been a resource person for Faculty Development Program on "**Service Oriented Architecture"** at Dr.NGP College of Engineering, Coimbatore on 6th July 2014.

25. Had been a resource person for National Workshop on **Linux System Programming** at Kongu Engineering College, Perundurai, Erode on 1st August 2014

26. Delivered a lecture on **handling technical interviews** at Adhitya Institute of Technology, Coimbatore on 6th September, 2014.

27. Had been a resource person and chief guest for Computer Association valedictory session and delivered a lecture on **Cloud Computing** at Karpagam polytechnic college, Coimbatore on 6th December 2014.

28. Had been a resource person for **Train the Trainer program for teachers** on **Cloud Computing** at Karpagam polytechnic college, Coimbatore on 8th December 2014.

29. Delivered a lecture on "**Book Authoring Made Easier"** at MKCE, Karur, Tamilnadu on 7th Jan 2015.
30. Delivered a lecture note on "**Authoring Technical Research Papers Made Easier**" at MKCE, Karur, Tamilnadu on 24th March 2015
31. Inaugurated and delivered a technical talk on **augmented reality** at SNS Group of Institutions at Coimbatore on 15th July 2015.
32. Had been a resource person at MKCE, Karur for **Embedded Systems** and Microprocessors on 11/08/2015.
33. Inaugurated and delivered a technical lecture at Muthaiammal Engineering College, Salem Dist. on 14th September 2015.
34. Delivered a lecture on **Patent drafting and Proposal submission** @ MKCE on 6th November 2015.
35. Conducted a one day workshop for Faculty members from ECE and EEE on **Embedded Systems** at Muthayammal College of Engineering, Salem on 8th November 2015.
36. Conducted a one day workshop on **Web Technologies** at MKCE, Karur on Jan 13th 2016.
37. Conducted a one day workshop on **RISC Architecture** at MKCE, Karur on Jan 30th 2016.
38. Conducted half day session on **Interview Readiness,** Dept. of IT, MKCE, Karur on March 7th 2016.
39. Conducted one day workshop on **Operating Systems and IPC** at SNS College of Engineering, Coimbatore on 5th March 2016.
40. Conducted a Faculty Development Programme for faculty members in Amrita University on **ARM7 Processor** on 19th and 20th May 2016.
41. Conducted a one day workshop on "**Virtualization Techniques"** at SNS college of Engineering, Coimbatore, on July 27th 2016.
42. Resource person for a two day workshop on "**Cloud Computing and Virtualization"** at Hindustan College of Engineering, Coimbatore, Aug 19th – 20th, 2016.
43. Delivered a talk to IAF staff and officers on Sep 8th at SULUR base station on "**ATM/Information Security and Threats"**.
44. Resource person for one day session on "**Object Orientation**" at MKCE, Karur on Sep 12th 2016.
45. Resource person for two day workshop on "**Grid and Cloud Computing"** at Hindustan Institute of Technology, Coimbatore, Sep 20th – 21st.
46. Conducted a one day workshop on **C Plus Plus** @ M K C E, Karur for 2nd year ECE undergraduate students, Oct 6th, 2016.
47. Conducted a Faculty Development Programme for faculty members in Amrita University on "**Digital Electronics" on 15/10/2016.**
48. Conducted a Faculty Development Programme for faculty members in Amrita University on "**Embedded Systems"** on 15/12/2016. .
49. Conducted a FDP Session for the faculty members of Amrita University, CSE department on "**Operating system internals"** on07/12/2016.
50. Conducted a FDP Session for the faculty members of Amrita University, CSE department on "**Embedded Processors"** on 21/01/2017.
51. Delivered a lecture for the student members of CSI at PA College of Engineering, Pollachi on "**Trends and Techniques"** in IT on 16/02/2017.
52. Conducted a workshop "**Understanding Ubuntu Kernel**" for the external/internal participants during Anokha'17 – March 2nd 2017.
53. Conducted a one day session on "**Microcontrollers and RISC architecture**" at M Kumarasamy College of Engineering, Karur on 16th March 2017.

54. Delivered an invited lecture on the topic "**Augmented and Virtual Reality"** at Mohandas College of Engineering & Technology, Thiruvananthapuram, Kerala on 19th April 2017. (National Conference: Prabandh'17)
55. Delivered a lecture on **"Internet of Things"** at Sri Krishna College of Engineering and Technology as part of the FDP series on 24th May 2017.
56. Conducted 2 days session on **Data Structures** using C Plus Plus to the final year ECE students at Coimbatore Institute of Technology (CIT), Coimbatore from 26/06/2017 till 27/06/2017.
57. Delivered a one day lecture on **Essentials of Operating Systems (Ubuntu)** to Third year CSE students at Coimbatore Institute of Technology (CIT), Coimbatore on 1st July 2017.
58. Delivered a one day lecture on **Embedded Systems** to Final year ECE students at Coimbatore Institute of Technology on 07/07/2017.
59. Delivered a one day lecture on **Software Engineering** to Second year CSE students at M.Kumarasamy College of Engineering, Karur on 08/07/2017.
60. Delivered a special session on "**OOPS and Data Structures**" to Second year ECE students at M.Kumarasamy College of Engineering, Karur on 27/07/2017.
61. Delivered an invited lecture on the topic "**Interview readiness and project readiness with IoT, Operating Systems**" for 65 students from 3rd and 5th year IT/ECE/CSE students at Mohandas College of Engineering & Technology, Thiruvananthapuram, Kerala on 05th August 2017.
62. Conducted a week long workshop on **C, C Plus Plus and Operating Systems** at Nehru Group of Institutions in the month of August, 2017 for final year students towards placements.
63. Delivered a lecture on "**IoT – Fundamentals and Opportunities**" for an AICTE sponsored FDP conducted at Kumaraguru College of Technology, Coimbatore on 11/12/2017.
64. Delivered a lecture on "**IoT – Smart City Applications**" for an AICTE sponsored FDP conducted at Kumaraguru College of Technology, Coimbatore on 20/12/2017.
65. Conducted a one day session on "**Linux for Embedded Systems"** at Mohandas College of Engineering & Technology, Thiruvananthapuram, Kerala on 29th December 2017
66. Delivered a one day lecture on **"Microcontroller Design Trends"** to Third year ECE students at M.Kumarasamy College of Engineering, Karur on 14/02/2018.
67. Conducted a workshop "**Ubuntu – Let's Explore and Explot**" for the external/internal participants during Anokha'18 – Feb 22nd 2017.
68. Conducted a one day workshop on "**Internet of Things**" at Shri Bharathi Engineering College for Women, Pudukottai District on 03/03/2018.

Knowledge Area and Skills

Domain	Operating Systems / Embedded Systems/ Augmented Reality
Tools	Clear Case, CVS, DDTS, E-Matrix, Multi Debugger, Pharlap, Webswit, Trifecta and Standard Debuggers.
OS	Solaris, Unix, Linux, Apple Mac and Windows (Apple Trained).
Programming Languages	C Plus Plus, C Programming and Shell Scripting.
Others	Micro Processors, Keil Simulator and other standard Simulators.
Modeling	State Diagram Approach with XILINX tool.

Dr. Shriram K V

Personal Details

Father's Name	: Sri. K Vasudevan
Date of Birth	: 29. 07. 1983
Nationality	: Indian
Sex	: Male
Marital Status	: Married
Languages	: Tamil, English & Hindi
Visa	: B1/B2 – USA (valid till 2018 Feb)
Countries Visited on Official Note	: USA (Twice), Thailand, UAE.
Passport valid up to	: 2023 October.
Address	: Villa number V3A,
	Sreevatsa hill view, opp.VLB CAS,
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	Coimbatore, Tamilnadu,
	India – 641042, Ph: +91 89399 18562

References

1. **Dr.D.P.Kothari**, Director – Research, Gaikwad-Patil Group Of Institutions, Wardha Road Nagpur 441 108, Email: dpkvits@gmail.com
2. **Mr.A.Balachandran,** SGM – Corporate Relations, Amrita University, Coimbatore. A_balachandran@cb.amrita.edu
3. **Dr. Muthaiah**, Associate Professor, Department of Computer Science, SASTRA University, Tanjore, Tamilnadu. muthaiah66@gmail.com

References from Publishers

1. **Mr. Krishan Makhijani,** Managing Director and Chairman, IK International Publishing House Pvt Ltd., India. Ph: +91 9811087163. K.makhijani@ikinternational.com
2. **Mr. N K Mehra**, Chairman and Managing Director, Narosa Publishing House, India. Ph: 011 23243415, nkmehra@narosa.com