

RESUME

Dr. SURESHA,

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DOB: 10 May 1959

OBJECTIVE

To be a part of growing organization where I can learn, make others to learn, grow and significantly contribute to the organization by becoming an expert in the chosen field of work.

- “Best Educator Award 2020” by Global Research Foundation, New Delhi
- Awarded as the “Best Director 2019” by Education Expo TV (EET) CRS, New Delhi
- Awarded as the “Principal of the year 2018” by Institute for Exploring Advances in Engineering (IEAE).

ACADEMIC QUALIFICATION

Course	University	Institution	Year of passing	Percentage of marks
PhD (DSN / WSN)	VTU	NMIT, Bangalore (Research Centre)	Awarded in April 2013	
M.Tech (CSE)	VTU	BEC, Bagalkot (Karnataka)	2007	64.62%
B E (ECE)	Mysore University	National Institute of Engineering, Mysore	1982	76.49%
PUC	Board of Pre-university Education	The National College, Bangalore	1977	71.83%
SSLC	K.S.E.Board, Bangalore.	The Govt. High-School, Huliya (Karnataka)	1975	59.33%

INDUSTRIAL EXPERIENCE

- 1) **Designation** : Marketing Executive
Company : Ratnadeep Industries, Hubli, Karnataka
Period : 15-06-1995 to 10-07-2000
- 2) **Designation** : Marketing Executive
Company : All Fasteners, Yadavagiri, Mysore, Karnataka
Period : 01-01-1991 to 10-06-1995
- 3) **Designation** : Marketing Executive
Company : Mesh Trans Gears Pvt. Ltd, Bangalore, Karnataka
Period : 01-08-1986 to 31-12-1990

TEACHING EXPERIENCE

- 1) **Designation** : Principal
Institution : Sri Venkateshwara College of Engineering
Bengaluru, Karnataka.
Period : 04-01-2017 to till date
- 2) **Designation** : Prof. & HOD, PG coordinator, Dept. of CSE
Institution : Sri Venkateshwara College of Engineering
Bangalore, Karnataka.
Period : 01-08-2013 to 03 -01-2017
- 3) **Designation** : Professor, Dept. of CSE
Institution : Reva Institute of Technology & Management
Bangalore, Karnataka.
Period : 12-08-2009 to 15-07-2013.
- 4) **Designation** : Asst. Prof. & HOD, Dept. of ISE
Institution : Sambhram Institute of Technology.
Bangalore, Karnataka.
Period : 15-12-2008 to 08-08-2009.
- 5) **Designation** : Asst. Prof. & HOD, Dept. of CSE
Institution : SEACET, Bangalore, Karnataka.
Period : 14-07-2008 to 13-12-2008.
- 6) **Designation** : Asst. Prof. & HOD, Dept. of ISE
Institution : TCE, Gadag, Karnataka
Period : 01-08-2005 to 09-07-2008.

- 7) Designation** : Sr. Lecturer
Institution : Rural Engineering College, Hulkoti, Karnataka
Period : 07-10-2004 to 14-07-2005.
- 8) Designation** : Lecturer
Institution : K.L.E Polytechnic, Hubli, Karnataka
Period : 12-07-2000 to 06-10-2004
- 9) Designation** : Lecturer
Institution : NIE, Mysore, Karnataka
Period : 03-11-1982 to 30-07-1986

SKILLS

- Teaching
- Research
- E learning
- Educational Leadership
- Team Management
- Teacher Training
- Accreditation Leadership
- Incubation & Startup
- IPR

TEACHING INTEREST (Subjects Taught)

UG Subjects:

- Computer Networks
- Embedded Computing Systems
- Cryptography and Network Security
- Information and Network Security
- Advance Computer Architecture
- Distributed Operating System
- Electronic Circuits
- Logic Design
- Computer Organization
- Operating Systems
- Software Engineering

PG Subjects:

- Distributed Systems
- Information and Network Security
- Computer System Performance Analysis
- Wireless & Mobile Networks

- Wireless Sensor Networks

CERTIFICATION

I had attended following training programs/workshops/FDP

- “Prior Art Searching with Google Patents” Turnip Innovations
- “Online Workshop on Universal Human Values” AICTE, New Delhi
- “Patent Searching, Drafting & Filing” Turnip Innovations and Exilyze Intellectual Services, IEEE Computer Society
- “Digital Era of Teaching” Diksoochi, Mysore
- “How Automation in Examination Process can Improve Productivity by 25%” Serosoft Solutions Pvt. Ltd
- “Online Tools & Software for Remote Teaching – Learning” JNUTH, UGC - HRDC
- Online certificate course on “Intellectual Property Rights & Innovation” CIPAM & KSCST, Bengaluru
- “Train the Trainers workshop on Research Methodology and LATEX” e-Learning Center, VTU Regional Center, Mysore.
- “Research Methodology” Reva ITM, Bangalore
- “Tutorial Sessions” of IEEE IMSAA (Internal Conference on Internet Multimedia Systems Architecture and Application) at IIIT, Bangalore.
- “Research Methodologies & Latex” SJBIT, Bangalore.
- “Soft Computing- A Research Perspective (WSCR-10)” RITM, Bangalore.
- “Wireless Sensor Networks and Hands on Experience on QualNet Simulator” SJBIT, Bangalore, (FDP).
- “Wireless Sensor Networks and Applications”, BVBCET, Hubli.
- “Tutorial with Demo on 4G Wireless Broadband-WIMAX (IIIT-B)”.
- “Design and Analysis of Algorithms”, NMIT, Bangalore.
- Latest Microsoft Technologies , BVBCET, Hubli (BITES).
- “Advances in Computer Networking”, Dr. Ambedkar Institute of Technology, Bangalore (BITES).
- “Communication and Network Security”, MVJ College of Engineering, Bangalore .
- “Embedded Systems”, BEC, Bagalkot.
- “VHDL Designs”, Vijayanagara Engineering, College, Bellary.

PROJECT DETAILS

P.G Project

Title	: DSP Filter Simulation Using VHDL
Role	: Designing and Simulation of the System
Platform	: Windows, Matlab and Modelsim (VHDL)
Period	: 6 months

RESPONSIBILITIES

- Coordinated with Management and Faculty for the **implementation of online classes** from 16 March 2020 due to corona Pandemic 2019 at SVCE, Bengaluru.
- Coordinated with MSME DI, Bengaluru for the **visit of Sh. Satyen Lama, O/o DCMSME, New Delhi, Sh.Tali longchar, Director, MSME – DI, Imphal and Dimmapur, Sh. Baldev Singh, Asst. Director, MSME DI, Bengaluru** to SVCE Bengaluru to see the progress of our incubation center on 15 Feb 2020.
- Participated in “**Panel Discussion on CSR/Social Responsibilities**” at SVCE, Bengaluru organized by Engineers Without Borders (EWB)student Chapter of SVCE on 11 Jan 2020. Mr. Jagadis Purohith from Infosys and Mr. Nirbhay Lumbe from CGI participated as members of the panel discussion and Mr. Ashok Agarwal Director, EWB-India coordinated panel discussion. Nearly 200 participants were participated across India.
- Coordinated VTU and Civil department of SVCE to organize 5 days FDP on “**Outcome Based Education and NBA process**” sponserd by Teqip VTU. Dr. K Gayathri Reddy, Regional Director, Bengaluru Regional Office, was the chief guest and Prof. T Subramanyam Naidy, Member ICSSR, was the guest of honor. 30 participants were present from Seven colleges.
- Addressed all HOD’s, faculty and staff of Mech & Civil departments on “**Awareness about e - waste**” on 30 Nov 2019 at 9 am at civil seminar hall. All faculty from Civil & Mechanical departments were present.
- Attended one day workshop on “**New NAAC Accreditation process for Engineering Colleges**” on 25 Oct 2019 at VTU-RO, Bengaluru. Dr. S C Sharma, Director, NAAC gave key note session and Dr. Ganesh Hegde, Advisor and Mr. K A Raveesha took sessions.
- Coordinated with Civil department and SWRO – AICTE to organize “**PMSSS Interactive session**” for JK students on 18 Oct 2019. Prof. Ajeet Angral, Prof. Ganju from AICTE, New Delhi and Mr. Shakthivel and Mr. Dayal from SWRO participated.
- Presented three seminars on “**INTERNSHIP**” on 9th, 11th and 13th Sept 2019 for 5th, 3rd and 1st semester students along with HOD’s.

- Coordinated to organize “**Independence Day celebrations**” at SVCE on 15 Aug 2019, Thursday. Group Captain Anoop Sood was the chief guest.
- “**Organized Orientation**” program on Friday, 02 Aug 2019 for the students taken admission for the AY 2019-20. Dr.Ganesh Raj, GM, Regional Remote Sensing Centre – South, ISRO, Department of Space, Government of India, Bengaluru.
- Coordinated visit from MSME regarding “**Incubation Center**”. Mr. Devaraj K, director, Mr. Shashi Kumar, assistant director, Mr. Rajendran, assistant director visited our institute on 02 July 2019 from 11 am to 2 pm.
- Organized “**International Yoga Day**” with Heartfulness.org and ECE department. The yoga instructors are Mrs. Suma, Ms. Anitha, Mrs. Anitha Reddy, Mrs. Chandralekha and Br. Srinivas Raju on 21 June 2019.
- Coordinated with ECE department to organize “**Graduation Day**” on 14 June 2019. Dr. Shyamsundar, advisor, National Assessment and Accreditation Council (NAAC) was the Chief Guest.
- Coordinated “**Advisory Council**” meeting on 15 May 2019. Dr. Ashok Rao, Dr. Nalini N, Er. Ravishankar M and Mr. Mohan Reddy attended.
- Represented SVCE at award receiving ceremony by **QS I-GUAGE** at Hotel Taj, M G road on 13 April 2019.
- Coordinated with SWRO, Bengaluru (AICTE) to organize “**Feedback Session**” on SIH 2019 on 28 March 2019. Dr. Abhay Jere, Chief Innovation Officer, MHRD, Govt. of India was the chief guest. Mr. Praful Nikam and Ms. Pooja Kothari from persistent systems were also present.
- Coordinated with Karnataka Science & Technology Academy and EEE department to organize “**State Level Technical Project Exhibition**” on 12/13 March 2019 at our institute. Dr. Honnegowda H N, was the chief guest and Mr. Ramesh A M are the guest of honour.
- Coordinated and organized “**Smart India Hackathon 2019**”, software edition on 2&3 March 2019 at our institute. Dr. A P Mittal, member secretary AICTE, came as observer and Mrs. Alfana chincholkar, persistent Technologies represented AICTE to observe all the process for two days. Mr. Ramesh N, officer, SW regional office also attended the inauguration of SIH 2019.
- Inaugurated “**Sir M V Civil Engineering Model Room**” along with Dr.Shashidhar Muniyappa on 16 Feb 2019 at 11 am in civil block of SVCE, Bengaluru.
- Coordinated “**Alumini meet**” on 16 Feb 2019. Nearly 140 alumni participated and as a principal, gave the presentation regarding the contribution of alumni for the growth of SVCE, Bengaluru.

- Coordinated “**Dr. Sreedhar memorial 4th lecture series**” on 15 Feb 2019. Dr. Muralidhara B G, director, Chairman & Chief of Cardiology at Trinity Hospital & Heart Foundation, Jayanagar, Bengaluru gave a talk on “Tech Innovation in Health Care”.
- Coordinated with Mechanical department and Toyota Kirloskar Motor for the inauguration of “**IC ENGINE – COE**” on 13 Feb 2019. Mr. K V Rajendra Hegde, Mr. M K Swamy, Mr. Kiran, Mr. Prashanth & Mr. attended the function.
- Coordinated with NSS coordinator to organize one week “**NSS Camp**” at Handiganala, Siddalaghatta Tq, from 28 Jan 2019 to 02 Feb 2019.
- Coordinated with AICTE and Department of Civil Engineering Department to organize “**PMSSS (J&K students) interactive session on 30 Nov 2018**”. The key persons Dr. T G Sitharam, Chairman SWRC & Professor, IISc, Dr. Neeraj Saxena, Adviser, PMSSS, AICTE, New Delhi, Prof. R Hariharan, Adviser, PMSSS, AICTE, New Delhi, Mr. Rakesh Kumar Ganju, Asst. Director, PMSSS, AICTE, New Delhi, Prof. Ajeet Angral, Consultant, PMSSS, AICTE, New Delhi and Mr. Ramesh N, Regional officer, SWRO – AICTE, Bengaluru were present for the event. Nearly 425 participants across Karnataka and Kerala attended the event.
- Coordinated with all the departments to organize cultural festival “**Kalaavaibhava 2K18**” on 26, 27 and 28 Nov 2018. Nikil Kumaraswamy was the chief guest. Singer Mr. Revanth was also present as guest of honour.
- Coordinated with Mechanical Department for the inauguration of “**Bio – Fuel R&D lab**” at SVCE by our honourable chairmen Sri V Muniyappa on 26 Nov 2018.
- Represented SVCE, Bengaluru at the “**Scrutiny of synopsis of Research Scholars**” at VTU regional office, Bengaluru on 26 Oct 2018. Dr. Basavaraj S Anami was the chairman of the committee. Dr. Chandrashekar, Dr. Thippeswamy G and Dr. Nalini N are the other members.
- Coordinated “**Health camp and Blood donation camp**” in association with Lions Club J P nagar and Lions Club Devanahalli at SVCE, Bengaluru on 29 Sept 2018, Saturday.
- Participated as a guide in the final “**Ph.D. colloquium**” of Mrs. Shobha M of ISE department today 08 Sept 2018 at Reva University. Dr. Jaishankar was the external examiner from VIT University, Vellore.
- Participated in ISO 27001:2013 training program at **Bureau Veritas** Bengaluru from 27 to 31 Aug 2018.
- Coordinated with Basic Science department to organize “**Orientation day and Inauguration of first year classes**” on 13 Aug 2018. Prof. L M Patnik was the chief guest, Mr. S Surya Prakash, Senior Engineer, Kuwaith Oil Company was the guest of honour and Mr. Ashok Deshpande, CMD, Technologies was another guest of honour.

- Coordinated the Inauguration of **“SKILL DEVELOPMENT COURSES”** under Pradhan Manthri Kaushal Vikas Yojna (PMKVY) for X/XII dropped out 100+ students from all branches of SVCE on 06 Jan 2018.
- As a key note speaker in Three days FDP, presented a key note session on **“Awareness of Outcome Based Education”** on 29 Dec 2017 organized by ISE department of SVCE Bengaluru
- As a resource person in Two weeks FDP on **“Advances and Developments with EDA Tools in Embedded & Communication Design for Researchers”** presented a session on **“Wireless Communication Technology”** on 22 Dec 2017, organized by ECE department of SVCE Bengaluru.
- Received official circular from VTU regarding consideration of SVCE, Bengaluru as the **Valuation Centre** for odd semester of 2017-18 from Registrar on 23 Nov 2017
- Coordinated to organize Women’s Skill Empowerment program with VTU, Belgavi and National Womens Comission on 18 Nov 2017. The Chief Guest was Mrs. Nirmal Rani, public prosecutor. All girl students attended the program.
- Inaugurated the Science Project Exhibition at Sri Venkateshwara School on 10 Nov 2017 at 10.45 am.
- Coordinated to celebrate Engineers day on 15 Sept 2017 and inauguration of Sir. M V Statue in the campus by great grandson Mr. Sheshadri Mokshagundam.
- Organized the inauguration and orientation day for 2017 batch first year students on 09 Aug 2017 and Mr. Shadakshari S R from Cisco systems Pvt Ltd was the chief guest.
- Organized All India Smart Hackathon program at SVCE, Bengaluru sponsored by AICTE, New Delhi, on 1st and 2nd April 2017. 65 teams from all over India participated in this event on the theme of **“Defense Production”** for 36 hours of coding.
- Organized one day workshop along with FOCUS on **“Php programming”** on 08 Oct 2016, Saturday. The resource persons are Mr. Abhinav Jha and Mr. Ram from Free Software Moment of Karnataka, Bengaluru. 52 interested students participated from all semesters from CSE/ISE participated in the event. Principal Dr. Prabhakar Reddy C distributed the participation certificates to all the students.
- Organized one day workshop on **“Python Programming”** for 5th and 7th semester CSE students on 01 Oct 2016, Saturday. The resource person is Dr. Hema, Professor, dept. of CSE, SVCE, Bengaluru. 39 students participated in this event. Principal Dr. Prabhakar Reddy C distributed the participation certificates to all the students.
- Organized EMC2 – CIS (Cloud Infrastructure Services) **“certificate distribute function”** at 11 am on 24 Sept 2016, Saturday at seminar hall. Mr. Pavan Shetty, project manager, EMC2 was the chief guest and Dr. Shashdhar M was the guest of honour for the function.30 globally certified students participated.

- Organized Guest Lecture on “**Placement Activity**” by Manjunath B.V, HR person from Aditya Birla Online Fashion and Stephan Devpal from Flipkart on 21 Sept 2016, Saturday from 10.30 am to 2 pm. In total 60 final semester students from CSE, ISE and MBA attended the same.
- Organized one day workshop on “**Applications of Data structures**” for 3rd semester students only on 03 Sept 2016, Saturday. The resource person is Mr. Stephan Devpal, Engineer from Flip kart. 44 students participated in the event. Dr. Prabhakar Reddy C distributed the certificates for all the participants.
- Organized two days “**Hands on Sessions on Mobile App Development**” for 3rd, 5th and 7th semester students on 27th and 28th Aug 2016. Mr. Ratan Kumar from Huawei Technologies and Mr. Amarendra Reddy from Mind tree are the resource persons. 44 students participated in this event. Mr. Stephan Devpal, Engineer from Flip kart, Mr. Varun Kumar, system Engineer from Accenture were also present. The department of CSE has signed an MOU with Ignite Learning Solutions for sharing technical Know-how.
- Organized two days’ workshop on “**Soft skills Training**” for 5th and 7th semester students on 13th and 14th August 2016. The resource persons are Mr. Stephan Devpal, engineer from Flip kart, Mr. Varun Kumar, system Engineer from Accenture and. 31 students were present on both days.
- As HoD of CSE, Dr. Suresha, addressed 2016-17 batch CSE Students by giving Introduction, Guidelines and activities (2015-16) of CSE Dept. on 6th August 2016 in Lecture Hall L-203 from 11.45 onwards. 113 students were present.
- Organized a technical talk on 29 July 2016 for 7th semester students of CSE/ISE on “**CYBER ARK**” by Piyush Praveen, Developer, Wipro Systems, Bengaluru from 10.45 am to 12.45 pm. Dr. Prabhakar Reddy C graced the occasion.
- Organized 4th National Conference on “**Recent Advances on Science, Engineering and Technology – NCRASET-16**” on 06 May 2016, Friday. Received 43 papers from other engineering colleges across Karnataka and 65 papers from SVCE. Papers are presented in 5 tracks. Dr.Ashok Rao Former Head, Network Project, CEDT, Bengaluru delivered Key note session on Emerging Technologies. Dr.Nalini. N from NMIT, Bengaluru, Dr. Rakesh N from Amrutha University, Bengaluru and Dr. R.C. Biradar from Reva University, Bengaluru are the external session chairs.
- Organized technical seminar on “**Machine Learning Techniques**” for 4th Sem M.Tech students by Mr. bhargav Panth and Mr. Vijay, Venture City, Bengaluru on 23 April 2016
- Organized one day workshop on “Preparations for Excellent Research” on 19 April 2016, Tuesday (Mahaveer Jayanthi holiday). Faculty from Brindavan College of Engineering, Donbosco Institute of Technology, GSSS institute of Technology, Mysore and our faculty are the participants. The resource person is Dr. Ashok Rao, Former Head, Network Project, CEDT, Bengaluru.

- Organized three day Hands on Sessions on “**Software and Mobile App Testing**” for students of 4th, 6th and 8th Semester CSE students on 14th to 16th April 2016. 36 students are participated and the resource person is Mr.Rajendra Hiremath from TechMudz Solutions, Bengaluru. Mr. Yerriswamy and Mr. Lochan are the coordinators.
- Organized “**FOCUSvce Meet**” for the students of 2nd, 4th, 6th and 8th semester students of CSE/ISE. The resource persons are Mr. Bhargav Panth and Ms Jinal Fiolia, alumni’s of SVCE, motivated students to do mini projects and projects in their interested domains. Principal Dr. Prabhakar Reddy grace the occasion. Nearly 250 students participated in the event on 02-04-2016, Saturday.
- Organized one day workshop on “**git, emacs and latex**” through FOCUSvce on 13-02-2016, Saturday. The resource person is Mr. Vikram, general secretary of Free Software Movement of Karnataka. 45 participants from all the semesters were present. Mr. Naveen Kumar was in charge of the same.
- Presented a technical talk on “**Introduction to Outcome Based Education**” for CSE faculty on 09-02-2016. The Chief Executive Director of SVCE also attended the same. All CSE faculty and staff participated in the technical talk.
- Organized one day workshop on “**Soft skills**” through CSI forum for 45 CSI members on 06-02-2016. The resource persons are Mr. Stephan Devpaul, Data Analytics Engineer from Flip Kart, Mr. Varun Kumar, system Engineer from Accenture.
- M.Tech students of CSE department organized Two days workshop on “**Big-Data, Parallel programming and Network Simulators**” on 20-21 Jan 2016. The resource persons are Mr. Stephan Devpaul, Data Analytics Engineer from Flip Kart, Mr. Varun Kumar, System Engineer from Accenture, Dr. K.G. Mohan, Prof & HOD, Dept. of CSE, Sai Vidya Institute of Technology, Bengaluru and Dr. Suresha, Prof & HOD, Dept. of CSE, SVCE, Bengaluru. The 40 participants are M.Tech students from MSEC, SVCE, EPIT and NCET and faculty of SVCE.
- Organized three days practical sessions on “**HEARTFULNESS**” program for faculty and staff on 19th, 20th and 21st Nov 2015. The resource persons are Dr. Siddeswar, Sr. Vidhya and Br. Srinivasa raju from Sri Ram Chandra Mission, Bengaluru. The no. of participants are 141, 61 and 59 on consecutive three days.
- Organized TWO days workshop on “**PYTHON**” for 7th sem CSE/ISE students on 17th & 18th Oct 2015. The resource person was Dr. Nageswara Gupta. 50 students were benefitted by the hands-on sessions of the workshop.
- Organized technical talk on “**Bootstrap 3.2x framework and Big data**” for 7th sem students of CSE/ISE on 14-10-2015 by Mr. Ashok Kumar. K, Sr. Software Engineer, IBM, R&D Centre, Bengaluru. From 10.45 am to 1.15 pm.

- Organized one day workshop on **“Open Street Maps-OSM”** for 3rd, 5th and 7th semester students on 14 Sept 2015, Monday from 9am to 3 pm. The resource persons are Ms. Jinal Folia, Mr. Pratik and Mr. Shivu from Map Box, Bengaluru. In all 30 students appeared for the workshop.
- Organized a technical talk during the inauguration of CSI forum on **“Software Testing using QTP and selenium”** by Mr. Mukesh Jamal from J P Morogan and Mr. Chandra banu Shukla from Infosys. All CSI members about 145 members attended the talk from 10.45 am to 12.45 pm on 29 Aug 2015.
- Dr. Suresha presented about the department activities to all the fresher’s of 2015 batch CSE students on orientation day 03 Aug 2015at 2.30 pm. 115 students from CSE attended the presentation in room no 303. Prof. Vinay T.R prepared PPTs for presentation.
- Organized three days practical sessions on **“HEARTFULNESS”** program for faculty and staff on 19th, 20th and 21st Nov 2015. The resource persons are Dr. Siddeswar, Sr. Vidhya and Br. Srinivasa raju from Sri Ram Chandra Misssion, Bengaluru. The no. of participants are 141, 61 and 59 on consecutive three days.
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- Presented about the department activities to all the fresher’s of 2015 batch CSE students on orientation day 03-08-2015at 2.30 pm. 115 students from CSE attended the presentation in room no 303.
- Organized Hands on Session on **“Usage of Apple i-pads in Higher Education”** from Creative Infotech Solution Experts Bengaluru on 22 May 2015. Forty-five senior faculty from all the departments participated in this event from 9 am to 12.30 pm.
- Organized **“Project Exhibition”** on 09-05-2015 for final year students of CSE/ISE of UG and PG streams. Dr. Shantha Kumar Patil P, Prof. & HOD, dept. of CSE, Nagarjuna College of Engineering & Technology, Chikkaballapura was the Judge. Members of 10 projects from SVCE, 2 from DBIT, 2 from HKBK, 1 RITM, and 2 from St. Joseph

Engineering College, Mangalore participated in this exhibition. Cash award was won by project of HKBK students and constellation prize by SVCE students.

- Organized **“3rd National Conference on Recent Advances in Science, Engineering and Technology”** on 08-05-2015 in association with International Journal of Research in Science and Engineering. Dr. Sunil Kumar S. Manvi, Principal, Reva Institute of Technology & Management, Bengaluru gave the Keynote talk on “Ethics in Research”. Dr. Chandrashekar S.N Prof. & HOD, dept. of CSE, SJCIT, Chikkaballapura, Dr. Bhanuprakash, Professor, dept. of CSE, SirMVIT, Bengaluru, Dr. Kiran Kumari Patil, Professor, dept. of CSE, Reva University, Bengaluru and Dr. R.C. Biradar, Prof. & HOD, dept. of ISE, Reva Institute of Technology and Management, Bengaluru were external chairs for different tracks. In total 131 papers were presented in Six tracks from many engineering colleges across Karnataka. The proceedings were released during the Inauguration of National Conference.
- Organized two days workshop on **“Introduction to MATLAB for Scientific Computing”** for 4th and 6th Sem students of CSE/ISE on 15th & 16th April 2015. The resource person was Dr. Ragahvendra V Kulkarni, Prof. and HOD of Reva Institute of Technology & Management, Bengaluru. In total 42 students attended the workshop and it was Hands on sessions only on both days.
- Technical talk was arranged on **“Cryptography”** on 13th April 2015 by Mr. Paul A Arieckal and Mr. Gowrishankar N of Global Automation Pvt. Ltd. All 6th sem CSE/ISE students were present for the talk.
- Organized one day **“Hackcamp”** on 01 April 2015 for all CSI girls of 4th , 6th and 8th Semesters of CSE/ISE departments. The resource person was Mr. Madhu from Venturesity. It was supported by MS. Hackers and VENTURESITY. This program was only for GIRLS. Total no. of participants are 45.
- Organized two day workshop on **“Internet of Things (IoT)”** on 26 and 27 Feb 2015 for 2nd sem, 4th sem and 8th sem students of CS&E and IS&E from Technophilia Systems, Bombay. The resource person is Mr. Amith kumar Dubey. Also two participants from Nagarjuna College of Engineering and Technology attended the workshop. Total no. of participants are 32.
- Mr.Vijay kumar from ORACLE addressed our 6th and 8th semester CSE/ISE students regarding the ORACLE Certification courses on Wednesday 18-02-2015 from 11.30 am to 12.30 pm.
- Organized FDP on **“Hands on Session on Cloud Computing, Big Data, Information & Network Security and Storage Area Networks”** from 19th to 23rd Jan 2015. The resource persons from Techkriya Solutions Pvt. Ltd, Triadsquare infosec Pvt.Ltd, EMC² and academicians from NMIT &SVCE. 29 faculties from various engineering colleges and universities across India, faculty from SVCE and M.Tech students were present for the FDP. We also arranged a visit to Jawaharlal Nehru Planetarium on 21 Jan 2015.

- Organized “**one-day interactive workshop on Latex and Parallel Programming**” for M.Tech students and faculty members on 07-11-2014. Principal and Chief Executive Director were present for the inauguration. The resource persons are Dr.Suresha, Mr. Sathyanarayana and Mrs. Renuka Patil.
- Arranged Live telecast of the Webinar from IBM on “**Android-L**” was arranged on 05-11-2014 from 10.30 to 11.30 AM for 5th and 7th semester students of CSE/ISE at auditorium.
- Organized a session by Mr.Vijay kumar from ORACLE to enlighten our the importance of Certification courses for fifth semester CSE/ISE students on 10-10-2014from 11.30 am to 12.30 pm.
- Organized a technical talk by Mr.Ganapathi Devappa, CEO, Spider OpsNet on “**An Overview of BIGDATA**” for 1st and 3rd semester M.Tech students on 25-09-2014 from 11 am onwards. Senior M.Tech students welcome the fresher’s. Principal addressed all the students and faculty members.
- Organized “**Five days Faculty Development Program on Computer Networking Lab Using NS-2 Simulator, Java Lab and Computer Programming Lab**” from 14th - 18th July, 2014. All the resource persons are from Computer Science and Engineering department itself. 26 faculty and staff from various engineering colleges across Karnataka and 13 M.Tech SVCE students participated in the program. Also we have arranged a visit to Sri M.Vishveshwaraiah Museum at Muddenahalli on 17th July 2014.
- Organized “**Second National Conference on Recent Advances in Science, Engineering and Technology**” on 23rd May 2014. Dr. Lakshmithathachar presented the A total key note and 105 technical papers presented in 5 tracks. Dr.Shanth kumar patil, Dr. Kiran Kumari patil, Dr. Thippeswamy. G and Prof. Nagaraj N.S were chaired the sessions in each track.
- Conducted forum and CSI student chapter **valedictory** on 12th May 2014 at SVCE, Bangalore.
- Organized **farewell** to final year PG students on 07th May 2014 and UG students on 09th May 2014 at SVCE, Bangalore.
- Coordinated two day workshop on “**Sixth Sense Technology**” on 14th and 15th March 2014 by Technophilia Systems, Bombay. The resource person is Mr. Kailash Ranjan for 6th sem students of CS&E department of SVCE, Bangalore.
- Coordinated a Technical talk on “**BIG-DATA**” by Dr. Ashok Rao on 28th Jan 2014 for UG and PG students of CS&E department of SVCE, Bangalore.
- As HOD of CSE department of Sri Venkateshwara College of Engineering coordinated to sign an MOU with Techcriya Consultancy Pvt. Ltd, Bangalore for mutual benefits on 26th Oct 2013.

- Coordinated one-day workshop on “**Virtualization, Cloud Computing and Big-data**” at auditorium. The resource persons are Mr. Mahendra Kumar, Mr. Anil Sapuro, Mr. Sarvan and Mr.Sudhir from Techkriya Consultancy Pvt. ltd, Bangalore. In total nearly 140 students attended workshop from 3rd, 5th and 7th semesters on 26th Oct 2013, Saturday.
- Coordinated one day workshop “**Interactive Practical Oriented Workshop on LATEX**” for M.Tech students of all branches and students from other colleges at SVCE, Bangalore. 10th Oct 2013.
- Coordinated one day workshop “**Introduction to Python and Hands on Sessions**” at SVCE, Bangalore on 21st Sept 2013 for UG students at SVCE, Bangalore.
- Coordinated the Inauguration of “**CSI-SVCE student Chapter**” and Students association of CSE “**LUMINARY**” on 31st Aug 2013 SVCE Bangalore.
- Coordinator for one day workshop on “**Virtualization and Cloud Computing,**” by Mr. Mahendra Kumar of Synchronoss Technologies and Mr. Anil Sapuro of AMD, organized by 5th Sem M.Tech CNE students on 13th Sept 2012 at Reva Institute of Technology and Management, B’lore.
- Coordinator for the one day workshop on “**LTE Technology**” by Mr.Sudhish.K.V. TATA Elxsci Pvt Ltd, organized by 5th Sem M.Tech CNE students on 24th Sept 2011 at Reva Institute of Technology and Management, B’lore.
- Chair for the Publicity/ Program/ Miscellaneous Committee of ARTCom 2011, RITM, Bangalore.
- **Judge** for VTU Tech Fest, at Reva ITM, Bangalore. 13/14- May 2011.
- **Seminar** Coordinator for 8th Sem 2010-11, RITM, B’lore.
- Coordinator for Three day FDP on “**Advanced Computer Networks and Simulators**” 27th to 29th Jan 2011.
- **Project Coordinator** for 8th Sem, 2009-10, RITM, B’lore.
- Coordinator for Two days workshop on “**Theory of Computation and Applications**”. 28th -29th June 2010 at RITM, Bangalore.
- Coordinator for Two days Workshop on “**Qt, Maemo and KDE**”, 3rd -4th April 2010 at RITM, Bangalore.
- Worked as an HOD of ISE at Sambhram Institute of Technology during **NBA visit in March 2009** and the Department got accredited.

- Coordinator for Library Committee and Academic Performance Evaluation Committee at S E A C E T, B'lore.
- Established Labs of ISE dept. at TCE, GADAG.
- Worked as Gathering committee Chairman and also involved in many committees in TCE, GADAG.
- Coordinator to implement Campus-Connect Programs of Infosys, TCE.
- Coordinated a week's personality development program for students at REC, Hulkoti.

PAPERS PRESENTED/PUBLISHED AT INTERNATIONAL JOURNALS, AND INTERNATIONAL AND NATIONAL CONFERENCES:

- Suresha, Renuka C. Herakal, "Design and Simulation of AI Based Dynamic Deployment Algorithm for WSN using NS3", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-5, January 2020. (Scopus Indexed).
- Suresha, Parvathi C **“Wireless Network Smart Grids for Continuous Power Supply and Monitoring”** International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume - 8, Issue -3, September 2019.
- Suresha, Renuka Herkal, **“Simulation of AI based PSO algorithm in WSN”** International Journal of Engineering and Technology.
- Suresha, Renuka Herkal, **“Simulation of AI based ABC algorithm for Energy Efficiency in WSN”** International Journal of Pure and Applied Mathematics pp no 11579-11591, Vol 120, no 6, 2018, ISSN 1314-3395
- Suresha, Shobha Chandra & Patil, K.K., **"Evolutionary Cross-Layer Interactive Model for Enhancing Sensor Communication"**, International Journal of Advanced Intelligence Paradigms, Inderscience Journal (Accepted June 2018).
- Suresha, Parvathi C, **“A Novel Algorithm for Energy Optimization Clustering in Wireless Sensor Network”** Advances in Intelligent Systems and Computing book series, (AISC) -vol 574. pp 216-224, Springer, 2017.
- Suresha, Anitha P, **“Selection of Elective Courses by using Fuzzy Logic System“** IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-17, Sri Venkateshwara College of Engineering, Bengaluru 31 May 2017

- Suresha, Bharathi S Shetty, “**Survey on Efficient Energy Balancing Routing Algorithm for Data Communication in Wireless Sensor Networks**” IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-17, Sri Venkateshwara College of Engineering, Bengaluru 31 May 2017
- Suresha, Shoba Chandra, & Kiran Kumari Patil, " **Integrated S-AODV and DEL-CMAC Algorithm of Spatio Temporal Cross-Layer in Sensor Network**", © Springer International Publishing AG 2017 R. Silhavy et al. (eds.), Cybernetics and Mathematics Applications in Intelligent Systems, Advances in Intelligent Systems and Computing 574, DOI 10.1007/978-3-319-57264-2_24, Springer.
- Suresha, Spoorthi M.S, “**Optimizing Energy Consumption in WSN using Hierarchical Clustering**” IJITC proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-16, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 1, pp 214-219, May 2016(**Declared Best paper Award**).
- Suresha, Priyanka B K, Savitha S, G Shruthi, Sindhu J , “**Pattern Recognition for Visually Impaired People**” IJITC proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-16, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 1, pp 214-219, May 2016
- Suresha, Shobha M, “**S-AODV, An Adaptive method of improving AODV protocol**” International IEEE-Conference on Green computing and Internet of Things, Gayotias Educational Institute, Noida, New Delhi, 8-10, Oct 2015.
- Suresha, Renuka Patil, “**Deployment Algorithms in WSN- A Study**” Proceedings of IEEE International Advance Computing Conference at BMS College of Engineering, Bengaluru, ISBN: 978-1-4799-8046-8, pp. 529-535 12-13 June 2015.
- Suresha, Raghavendra S.N, “**Security in Wireless Sensor Networks-An Overview Concept**” IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-15, Sri Venkateshwara College of Engineering, Bengaluru Volume 1,Special issue 2, pp 49-54, May 2015.
- Suresha, Karthick N V, “**Enhancing the Performance of HEED algorithm for WSN using Artificial Intelligence**” IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-15, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 2, pp 214-219, May 2015.
- Suresha, Mamatha Bai B.G, “**Evaluation of DSDV routing protocol in WSN using NS2 simulator**” IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-15, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 2, pp 354-359. May 2015.

- Suresha, Ankitha Singh, **“Power Efficient Aggregation for WSN using NS2 Simulator”** IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-15, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 2, pp 96-101. May 2015.
- Suresha. Spoorthy M.S, **“Search Schemes in Artificial Intelligence- A Survey”** 3rd National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 08 May 2015.
- Suresha, Nikitha T.S, Pooja Hegde **“Enhancing the lifetime of LEACH Protocol Using Energy-efficient Clustering Mechanism”** Elsevier proceedings on International Conference on Emerging Research in Computing, information, Communication and Application ERCICA-14 at Nitte Meenakshi Institute of Technology, Bangalore, pp 695-699, August, 2014
- Suresha, Renuka R.Patil **“Analogy of Static and Dynamic Node Deployment Algorithms in WSN”** Elsevier proceedings on International Conference on Emerging Research in Computing, information, Communication and Application ERCICA-14 at Nitte Meenakshi Institute of Technology, Bangalore, pp 349-359, August, 2014
- Suresha, Parvathi C, **“Existing Routing Protocols for Wireless Sensor Networks –A Study”** International Journal Computational Engineering Research (IJCER), Volume-04, Issue- 7, pp 8-27, July 2014.
- Suresha, Karthik, **“Node Clustering Algorithm- A Survey”** Second National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 23rd May 2014.
- Suresha, Nitesh kumar **“BOTS for DOS Attack”** Second National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 23rd May 2014.
- Suresha, Bharath M, **“Implementation of Security for access control Using CIA – A Text Steganography”** Second National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 23rd May 2014.
- Suresha, Yashwini Y, Vidyashree M Jeenakeri, **“Review on Artificial Bee Colony for Dynamic Deployment in Wireless Sensor Networks”** Second National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 23rd May 2014.
- Suresha, Suresh.L, **“Recovery of Mails by EDB Algorithm in Exchange server”** *International Conference on Emerging Computation & Information Technologies*, Siddganga Institute of Technology, Tumkur. 22nd -23rd Nov 2013.
- Suresha, Ravi Gharshi, **“Enhancing Security in Cloud Storage using ECC Algorithm”** International Journal of Science and Research, Volume 2 Issue 7th July 2013.

- Suresha, Rohith S Jigalur, “**Reviewing Security Issues, Attacks and Countermeasures in WSN**” National Conference on Current Trends in Computer Science & Engineering, Jain University Bangalore 8th June 2013.
- Suresha, Sushma Ravindra, and Dr. Nalini.N, “**Cloud Computing Security Issues -A Survey**” 27th CSI Karnataka Students Convention, Reva Institute of Technology and Management, Bangalore, 19- 20th April 2013.
- Suresha, Raghavendra H.V and Nalini.N, “**Comparison of Symmetric Algorithms for Strengthening SPINS on DSN**” *International Conference on Communication, VLSI and Signal processing*, Siddanganga Institute of Technology, Tumkur 572104, 20th -22nd Feb 2013.
- Suresha and Nalini.N, “Evaluation of Performance of Ciphers for Routing protocols in Distributed Sensor Networks” *International Journal of Data and Network Security*, Volume 1, No.2, Oct, 2012.
- Suresha and Nalini.N. "Evaluation of routing schemes for group key distribution in Distributed Sensor Networks," *Computing Communication & Networking Technologies (ICCCNT), 2012 Third International Conference on* , vol., no., pp.1-8, 26th -28th July 2012(IEEE).
- Suresha, Yasha.C, and Dr. Nalini.N “**Elliptic Curve Cryptography-An Implementation**” National Conference on current Trends & Challenges in Information Technology [NCCTCIT-12], Sambhram Institute of Technology, Bangalore, 11th -12th May 2012. .
- Suresha, Sushma Ravindra, and Dr. Nalini.N “**Distributed Sensor Networks- A Survey**” *National Conference on current Trends & Challenges in Information Technology* [NCCTCIT-12], Sambhram Institute of Technology, Bangalore, 11th -12th May 2012.
- Suresha, Nalini.N and Parvathi C, “**Secure Identification of the Malicious Sensor Nodes Using Empirical Evaluation of Trust Value in Wireless Sensor Network**” National Conference on Recent Advances in Technology and Engineering RATE-2012, T.John Institute of Technology, Bangalore, 21st -22nd March 2012 (**Declared Best paper Award**).
- Suresha, Dr. Nalini. N.and Nagaraj. A, “**Analysis of Routing Protocols for Group Key Management in DSN**” *National Conference on Advances in Computer Science and Information Security ACSIS-2012*, Manipal University, Manipal, INDIA. 6th -7th Jan 2012
- Suresha and Dr. Nalini.N, “**Performance Analysis of Cryptographic Algorithms Like ElGamal, RSA, and ECC for Routing Protocols in Distributed Sensor Networks.**” *International Journal of Computer Science and Information Security*, Vol.9, No.6, pp. 256-263, June 2011.
- Suresha and Dr. Nalini.N. “**Performance Analysis of Security in Flat and Hierarchical routing protocols for Distributed Sensor Networks**”. *IJCA Proceedings on*

International Conference on VLSI, Communications and Instrumentation (ICVCI) , SAINTGITS College of Engineering, kottayam, Kerala, India: pp. 13th –18th , April 2011.

- Suresha, Dr.Nalini.N, “**Implementation and comparison of LEACH and NON-LEACH protocols in Wireless sensor networks**” *International conference on Computer Architecture, networking and Applications IC-CANA, N.M.A.M. Institute of Technology, Nitte, INDIA on 7th – 8th Jan 2011.*
- Suresha, Dr. Nalini.N, “**Group Key Management in Distributed Sensor Networks**” *International conference on Data Engineering and Communication Systems ICDECS – 2011, RNSIT, Bangalore, INDIA on 30th -31st Dec 2011.*
- Suresha, Dr. Nalini.N and Dr. S. S. Manvi, “**Distributed Sensor Networks-An Overview**”, *National Conference on Wireless Networks, RLJIT, B’lore 20th -21st Aug 2009.*

Membership of Professional Organizations:

- Life Member of ISTE – LM 71450.
- Life Member of CSI – LM 01165931.
- Life Member of FIE – F-119540-5.
- Life Member of ACCS – L170A1623513.

PATENTS:

- Applied for patents on CIA encryption algorithm on 11 April 2016.
- Published on Apparatus and Method for producing Bio diesel Fuel on 21 Aug 2020

Member of Various Committees:

- Member of BOE of ISE department of Dayanand Sagar college of Engineering, Bengaluru for 2017-18
- Member of the BOE of School of Computing & information Technology of Reva University, Bengaluru for 2015-16.
- Member of the BOS of CSE department of Nagarjuna College of Engineering & Technology, Bengaluru for 2015-16.

- Member of the BOE of Visvesvaraya Technological University, Belgavi for 2015-16.
- External Member of the BOE of Ph.D. studies at Jain University for 2014-15.
- Member of the Local Inspection Committee of Visvesvaraya Technological University for 2014-15 and 2016-17.
- Member in the BOE committee of Ph.D. studies at Jain University for 2014-15.

AREAS OF INTEREST:

- Ad-hoc Networks
- Mobile Networks
- Wireless Sensor Networks
- Security in Sensor Networks
- Cloud Computing
- Security in Cloud Computing
- Internet of Things
- Wireless Communication
- Embedded Systems

ACHIVEMENTS:

- Presented a Webinar on “Data Science for 5G Networks” on 07 Sept 2020 at Indra Ganeshan Institutions, Tiruchirappalli, Tamilnadu.
- Presented a Webinar on “Awareness on New Education Policy 2020” on 20 Aug 2020 at Cauvery College for Women (Autonomous), Tiruchirappalli, Tanilnadu.
- Presented a Webinar on “NEP 2020 – Future HEIs” on 14 Aug 2020 at Jagadambha College of Engineering & Technology, Yavatmal, Maharashtra.
- Presented a Webinar on “Data Science for Cellular Networks” on 3 Aug 2020 at STTP, AQIS program sponsored by AICTE, New Delhi at SVCE, Bengaluru.
- Presented a Webinar on “Optimization Techniques for 5G Cellular Network s” on 13 July 2020 at STTP, AQIS program sponsored by AICTE, New Delhi at SVCE, Bengaluru.

- Presented a webinar on “Industry Institute Collaborative Activities” on 28 May 2020 at Anurag University, Hyderabad
- Presented Business Plans of SVCE-IPFC at MSME, New Delhi on 12 Feb 2020 along with Mr. Sunil S.
- Represented SVCE, Bengaluru at one day workshop on Incubation center at Dr. Ambedekar International Hall at New Delhi on 30 Jan 2020 along with Mr. Sunil S.
- Participated in Panel Discussion on CSR/Social Responsibilities at SVCE, Bengaluru organized by Engineers Without Borders (EWB) student Chapter of SVCE on 11 Jan 2020. Mr. Jagadis Purohith from Infosys and Mr. Nirbhay Lumbe from CGI participated as members of the panel discussion and Mr. Ashok Agarwal Director, EWB-India coordinated panel discussion.
- Inaugurated Sir M V Civil Engineering Model Room along with Dr. Shashidhar Muniyappa on 16 Feb 2019 at 11 am in civil block of SVCE, Bengaluru.
- Represented SVCE at award receiving ceremony by QS I-GUAGE at Hotel Taj, M G road on 13 April 2019.
- Attended inauguration of the Internal Conference organized by ICI-IWC (Indian Concrete Institute – Innovative World Concrete) at Nimahan’s Convention Hall on 19 Sept 2019 at 5.30 pm along with Dr. Rajkumar.
- Coordinated with all the departments and submitted 21 proposals to UGC under STRIDE program in component 2 and component 3 on 30 Sept 2019. The proposals are from ECE, CSE, ISE, CE, and ME departments.
- Coordinated and got 12(B) for the institute from UGC on 27 Aug 2019. With this now SVCE is having both 2(f) and 12(B) and got eligibility to apply for all the funding proposals from UGC.
- Coordinated with Mechanical Department for the inauguration of Bio – Fuel R&D lab at SVCE by our honourable chairmen Sri V Muniyappa on 26 Nov 2018.
- Represented SVCE along with Dr. Vijayashree Budiyal and Mr. Pruthviraj discussion with Mr. Ramesh, Secretary of KSTA (Karnataka Science and Technology Academy) regarding organizing Project Exhibition in March 2019 at KSTA office at GKVK campus on 20 Sept 2018 at 3.30 pm.
- Represented SVCE, Bengaluru at the scrutiny of synopsis of research scholars at VTU regional office, Bengaluru on 26 Oct 2018. Dr. Basavaraj S Anami was the chairman of the committee. Dr. Chandrashekar, Dr. Thippeswamy G and Dr. Nalini N are the other members.

- Represented SVCE along with Dr. Vijayashree Budiya and Mr. Pruthviraj discussion with Mr. Ramesh, Secretary of KSTA (Karnataka Science and Technology Academy) regarding organizing Project Exhibition in March 2019 at KSTA office at GKVK campus on 20 Sept 2018
- Participated as a guide in the final Ph.D. colloquium of Mrs. Shobha M of ISE department today 08 Sept 2018 at Reva University. Dr. Jaishankar was the external examiner from VIT University, Vellore. Dr. Ramachandra, Dr. Vishwanath Hullipady and Dr. Kiran Kumari Patil were also present.
- Visited Khadi and Village Industries Corporation along with Dr. Shreshyl Kakkeri on 07 Aug 2018 and met Senior Manager. Invited them to participate in our college activities
- Attended Pre.Ph.D. Comprehensive viva of Ms. Vani under the guidance of Dr. Ram Mohan Babu K N at ISE department of DSCE on 03 Aug 2018. The research is under VTU, Belagavi.
- Represented SVCE as a chief guest at school day function of tenth students of Vinayaka Public School from 5.30 onwards on 10 Feb 2018.
- Presented a talk on “**Artificial Intelligence**” at the FDP organized by Mechanical Department on Advances in Sustainable Engineering on 25 Jan 2018.
- Participated as a Jury member at "**Science and Technology for Future of Humanity**" organized by Karnataka Science and Technology Academy (KSTA) in association with Reva University on 18 Jan 2018.
- Attended a meeting on Research at AICTE office, New Delhi in association with Clarivate Analytics and AICTE on 01 Nov 2017.
- Presented a Technical seminar on “**Introduction to LATEX**” for final year UG students, PG students and research scholars at BGSIT, BG nagar along with Mrs. Renuka Patil on 25 Oct 2017.
- Presented a talk on “**Artificial Intelligence**” on 25 Sept 2017 for final year students of Mecotronics at Oxford College of Engineering along with Mrs. Renuka Patil. Around 60 students participated in the talk.
- Participated as external examiner for Ph.D. defence of Mr. A. SenthilKumar at Manomaniam Sundaranar University, Tirunelveli on “Multidirectional Decision Support System for Decision Making in Textile Industry using Collaborative Filtering Methods” 30 June 2017.
- Participated in VTU-LIC inspection of Hospet and Bellary Engineering Colleges on 27/28 April 2017.

- Represented SVCE as Keynote speaker on “**Emerging Trends in Information Technology**” at the National Conference on “Emerging Trends in Information Technology” of Indo Asian Academy Degree College, Bengaluru on 15 March 2017.
- Represented SVCE as principal at “**Higher Education Technology Conference 2017**” organized by Ed Tech Review at Viventa Taj, M.G. Road, Bengaluru on 10 March 2017.
- As Principal submitted SVCE autonomous application to VTU on 09 March 2017.
- Represented SVCE as a resource person at “**Research Methodology and Latex**” organized by VTU, Belagavi at Rajarajeshwara College of Engineering, Bengaluru on 22 Dec 2016.
- Represented SVCE as external expert at **Subject Assessment Board /Program Assessment Board** of CSE department at M S Ramaiah University of Applied Sciences Bengaluru on 27 Sept 2016.
- As HoD of CSE, Dr. Suresha, addressed 2016-17 batch CSE Students by giving Introduction, Guidelines and activities (2015-16) of CSE Dept. on 6th August 2016 in Lecture Hall L-203 from 11.45 onwards. 113 students were present.
- Attended Technical Seminar on “**IBM Bluemix**” organized by Nihon Communications Solutions on 24 Aug 2016 at Hotel Shangri La.
- Acted as **BOE** for VTU, Belagavi, for the academic year 2015-16. Successfully completed the responsibility of lab allocation duties as assigned by VTU for the even semester of AY 2015-16.
- Represented SVCE at Alfa College of Engineering, Bengaluru as **Judge** in AICTE sponsored Project Exhibition on 14 May 2016.
- Visited Bellary Institute of Technology & Management, Bellary for the review of **NBA** work on 07 May 2016.
- Represented SVCE as **an external examiner for the Pre Ph.D. Comprehensive Viva-Voce** examination of Gyanappa Amarappa Walikar (1RE13PEN08) at Reva Institute of Technology & Management on 21 March 2016.
- Presented a talk for the faculty of Adarsha Institute of Technology, Bengaluru on “**Introduction to OBE and NBA accreditation**” on 11-03-2016.
- Represented SVCE at the **Board of Studies** meeting at CSE department of Nagarjuna college of Institute of Technology, Bengaluru on 03-02-2016.
- Participated as **Internal Judge** in the Project Exhibition on 09-05-2015 organized by department of CSE/ICSE of SVCE for final year students of UG and PG streams.

- Represented SVCE as a **Judge** in paper presentation competition at Reva University-**Revamp-15** on 26-03-2015.
- Represented SVCE as a member of the **Local Inspection Committee** of Visvesvaraya Technological University for 2014-15.
- Represented SVCE as a member of the **BOE committee** of Ph.D. studies at Jain University on 05-03-2015.
- Represented SVCE as a CHAIR PERSON in the “**National Conference on Recent Trends in Information Technology**” at BMS Institute of Technology, Bengaluru on 14-02-2015.
- Presented a technical session talk on “**Introduction to Information Security**” in the Faculty Development Program on Hands on sessions on Cloud Computing, Big Data, Information & Network Security and Storage Area Networks organized by the Computer Science and Engineering department of Sri Venkateshwara College of Engineering, Bengaluru from 19-23 Jan 2015.
- Participated in three days’ workshop on “**EFFECTIVE & STRATEGIC LEADERSHIP FOR EXCELLENCE**” organized by International Academy of Competency Enhancement, Bengaluru hosted at Sri Venkateshwara College of Engineering, Bengaluru on 23-26 Dec 2014.
- Participated in three days’ workshop on “**EFFECTIVE & STRATEGIC LEADERSHIP FOR EXCELLENCE**” organized by International Academy of Competency Enhancement, Bengaluru hosted at Sri Venkateshwara College of Engineering, Bengaluru on 23-26 Dec 2014.
- **Chair Person** in the “**International Conference on Advances in Electronics, Computers and Communications**” at REVA UNIVERSITY, Bangalore on 11 Oct 2014.
- **Session chair** for the Second International Conference on Emerging Research in “**Computing, Information, Communication and Applications ERCICA-14**” on 01-02 August 2014.
- **Subject Expert** for the faculty recruitment of Computer Science and Engineering department of Sri Pillaappa College of Engineering on 31st May 2014.
- **Session chair** for the National Conference on “**Frontiers of Computer Science**” at Don Bosco Institute of Technology on 16th May 2014.
- **Judge** for the project exhibition at Nagarjuna College of Engineering and Technology, Bangalore on 15th May 2014.

- Presented a Technical talk on “**NETWORK SECURITY**” for 8th semester students of CS&E and IS&E on 05th Feb 2014 at Sri Venkateshwara College of Engineering, Bangalore.
- Presented technical talk on “**Introduction to LATEX**” at Interactive Practical Oriented Workshop on LATEX at Sri Venkateshwara College of Engineering, Bangalore on 10th Oct 2013 for M.Tech students of all branches and students from other colleges.
- Presented talk on “**Guidelines to write Technical Papers**” at Sri Venkateshwara College of Engineering, Bangalore on 07th Sept 2013 for CSE/ISE faculty and staff.
- Technical talk as Resource person at FDP on Research Issues in Distributed Sensor Networks on topic “**Key Management Issues in Distributed Sensor Networks**” at Basaveshwar Engineering College, Bagalkot, 22nd -24th Aug 2013.
- **Chair Person** for the 27th CSI Student Convention at Reva Institute of Technology and Management, 19th -20th April 2013.
- Technical talk given at Sai Vidhya Institute of Technology, Bangalore on “**How to Write Technical Papers**” 11th March 2013.
- Identified as a reviewer for IEEE conference papers.
- Technical talk given at Jyothi Institute of Technology, Bangalore on “**Engineering and Research**” 07th Nov 2012.
- Identified as a Subject Expert for “**Information and Network Security**” by VTU Edusat Programme- 16, Even sem, 2011-12.
- **Chair Person** for the Third International Conference on Advances in Recent Technologies in Communication and Computing ARTCom 2011, 14th -15th Sept 2011 at Reva ITM, Bangalore.
- Technical talk given in Staff Development Program at Sambhram Institute of Technology, Bangalore on “**Cryptography Basics and Asymmetric Crypto Algorithm**”, 14th July 2011.
- **Judge** for the VTU Tech Fest at Reva ITM, Bangalore 13th -14th May 2011.
- **Judge** for National Technical Symposium at Walchand Institute of technology, Solapur . 19th March 2011.

RESEARCH GUIDANCE:

- Produced ONE Ph.D. under Reva University in 2018.
- Produced ONE Ph.D. under VTU in 2019.
- Produced ONE Ph.D. under VTU in 2020
- Guiding **TWO** research scholars in Wireless Sensor Networks, Cloud Computing and Internet of Things domains.

REVIEWER:

- IEEE Conferences
- Research, Technology and Innovation: The Bedrock for Sustainable Development in Ghana.

RESEARCH AND FUNDING PROPOSALS:

- Coordinated with Mechatronics department to submit a proposal to DST in SERD scheme on **“Sustainable Solar Equipment for Integration, Harvesting and Domestic usage in Rural Areas”** in 2019-20. (File no:DST/TMD/SERI/SECS/2020/14).
- Coordinated with Civil department to submit a proposal **“FIST PG Level 0”** to DST on 30 June 2017 for 2 cores. (Temporary registration number TPN/3809).
- Coordinated with Dr. Srishail Mutt of CSE department to submit a proposal **“Traffic Monitoring using VANETs”** to DST on 30 June 2017 for 52 lakhs. (Temporary registration number TPN/3913).
- Coordinated with Dr. Lingareddy S L of CSE department to submit a **proposal “R/W BOT testing”** to DST on 30 June 2017 for 35 Lakhs. (Temporary registration number TPN/3357).
- Coordinated CSE department to submit a DST-FIST proposal for Rs.99,93,062/- for Development of Research Centre on 20 June 2017. (Temporary registration number TPN/3913)
- Coordinated ECE department to submit a DST-FIST proposal for Rs.98,90,000/- for Development of PG and R&D Infrastructure on 20 June 2017. (Temporary registration number TPN/)
- **“Automation of segregation of Solid Municipal Waste using Smart System”** submitted to DST by Dr. Suresha, Prof. Suresh P & Prof. Srinivasa G under Waste

Management Technology (WMT) Program on 24 March 2017 for 64 lakhs (40 lakhs from DST and 24 lakhs from SVCE)

- **“Agricultural Soil Moisture Management System Using Wireless Sensor Networks”** submitted to VGST by Dr.Suresha & Prof. Renuka Patil on Karnataka Fund for Infrastructure strengthening in Science & Technology for 20 lakhs on **(08 Aug 2016)**.
- **“Traffic Monitoring Using VANETs”** submitted to VGST by Dr.Suresha & Prof. Nagaraj Luthimath on Karnataka Fund for Infrastructure strengthening in Science & Technology for 12.20 lakhs 08 Aug 2016 (**K-FIST- level-1**).
- **“An Efficient Anti Braking System Depending on the Weather Condition Using Wheel SENSORS”** submitted to VGST by Dr.Suresha & Prof. Suresh P on Karnataka Fund for Infrastructure strengthening in Science & Technology for 20 lakhs on 08 Aug 2016 (**K-FIST- level-1**).
- **“Virtual Remote Wireless Sensor Network Lab”** submitted to VGST by Dr.Suresha & Prof. Shobha M on Establishment of Centres of Excellence in Science, Engineering and Medicine for 60 lakhs on 08 Aug 2016 (**CESEM**).
- **“WSN Based Smart Grid for Continuous Power Supply”** submitted to VGST by Dr. Suresha & Prof. Parvathi C of DBIT, Bengaluru on Karnataka Fund for Infrastructure strengthening in Science & Technology for 20 lakhs on 08 Aug 2016 (**K-FIST- level-1**).
- Four days Faculty Development Program on **“Cloud Computing, Big Data Analytics and soft computing”** from 9 Jan 2017 to 12 Jan 2017. Submitted to VGST on 05 Aug 2016 by Dr.Suresha & Prof. Ramesh Naidu (**FDP**).
- Five days National Level Faculty Development Program on **“IoT, Machine Learning and Python”** from 16 Jan 2017 to 20 Jan 2017. Submitted to VGST on 03 Aug 2016 by Dr.Suresha & Prof. Varsha Kulkarni for 2 lakhs (**FDP**).
- Submitted a funding proposal to **“INDIAN NATIONAL SCIENCE ACADEMY, NEW DELHI”** to organize **“National Conference on Innovative trends in Cloud Computing, Big Data, Internet on Things and their Securities”** for an amount of 1.8 Lakhs on 06 Oct 2015.
- Submitted FDP funding proposal on **“Five days Hands-on Workshop on Cloud Computing & big Data Analytics”** to Department of Science and Technology-New Delhi on 22 July 2015 for 1.9 lakhs.

- As a program coordinator Submitted a funding research proposal to VGST on “**Building and Maintaining a Robust Scalable INFORMATION BANK for all Future and Present Research Scholars of Karnataka State**” on 31 July 2014 for 10 lakhs.
- Submitted a funding research proposal to VGST on “**Investigating the Moisture (water contents) in various environments using Wireless Sensor Networks and felicitating farmers grow crops accordingly**” on 31 July 2014 for 20 lakhs.
- FDP proposal submitted to VTU-VGST on “**Way 2 Cloud**” on 10th March 2014 for 7 lakhs.
- Research Proposal Submitted to VTU on **Design and Analysis of key Management Algorithms in Distributed Sensor Networks** along with Dr. Nalini. N, NMIT, B’lore on March 2011 for 20 lakhs.
- Research Proposal Submitted to VTU on **Design and Evaluation of Algorithms for Key Management in Distributed Sensor Networks** along with Dr Vijaya Kumar B.P, RITM, B’lore on May 2010 for 20 lakhs.

FUNDS RECEIVED:

- Funds received from AICTE is 10.5279 lakhs for the AY 2019-20.
- Funds received from AICTE is 40.07 lakhs for the AY 2018-19.
- Research funds received from ISRO is 12.12 lakhs from ISRO for the AY 2019-20.
- Funds received from AICTE is 17.5 lakhs for the AY 2017-18.
- Coordinated with Mr. S. Surya Prakash, Engineer from Kuwait Oil Company and Mechanical Department of Sri Venkateshwara College of Engineering, Bengaluru for sponsorship of 2.5 lakhs for “**Pyrolysis**” Bio-Fuel project in Oct 2017.
- Received Rs. Ten lakh funding from VGST-Vision Group of Science & Technology, Karnataka under K-FIST level-1 for infrastructure development on “**WSN Based smart grid for Continuous power supply**” of 2016-17 (23 Oct 2017).
- Coordinated Department of Civil Engineering with Mr. Dinesh, General Manager – Utilities, Bangalore International Airport Limited for Consultancy work for continuous ongoing projects from September 2017. (5 Lakhs + 0.76 Lakhs +)

MOUs:

- As HOD of CSE department of Sri Venkateshwara College of Engineering, I coordinated to sign an MOU with Techkriya Consultancy Pvt Ltd, Bangalore for mutual benefits on 26th Oct 2013.
- Coordinated the Computer Science and Engineering department of SVCE to sign an MOU with Workforce Development Program of ORACLE on 17th Feb 2014.
- As HOD of CSE department of Sri Venkateshwara College of Engineering coordinated to sign an MOU with University Alliance partner of EMC² on 19th June 2014.
- Coordinated with M/s Trendwise Analytics to sign an MOU for the establishment of **“BIG DATA LAB”** at Computer Science and Engineering department of SVCE, Bangalore on 21st July 2014.

PROJECTS GUIDED

- Pattern Recognition for Visually Impaired People
- Optimizing Energy Consumption in WSN using Hierarchical Clustering
- Fitness and Health Monitoring System with Wearable Hardware and Software Implementation
- Information Sharing using AMAZON Web Services in Cloud Computing.
- Enhancing the Performance of HEED Clustering Algorithm for WSN using the Artificial Intelligence.
- Secure Data Transmission using Dispersive and Energy Efficient Protocols in Wireless Sensor networks.
- Power Efficient Aggregation for Wireless Sensor networks.
- Evaluation of DSDV routing protocol in WSN using NS2 simulator.
- Evaluation of DSDV routing protocol in WSN using NS2 simulator.
- Enhancing the Performance of HEED algorithm for WSN using Artificial Intelligence.
- Enhancing the Performance of Energy Efficient M-SPIN Protocol.
- Implementation of Artificial Bee Colony for Dynamic Deployment in WSN.
- Implementation of Security for Access Control using CIA- A text Steganography.

- Distributed Collaborative Key Agreement Protocols for Dynamic Peer Groups
- Performance Analysis of Cryptographic Algorithms.
- Enhancing Security in Cloud Storage using ECC Algorithm
- A wormhole attack in Distributed Sensor Network
- Comparison of Symmetric Algorithms for Strengthening SPINS on DSN
- Secure Identification of the Malicious Sensor Motes Using Empirical Evaluation of Trust Value in Wireless Sensor Network
- Comparison of Routing Protocols for Group Key Management in DSN
- Implementation of Key Distribution Center in LAN
- Implementation of Wireless Sensor Node to Monitor Temperature using GSM module
- Enhancing Security in Cloud Storage Using ECC algorithm
- Distributed Collaborative Key Agreement and Authentication protocols for Dynamic Peer Groups
- SPINS: Security Protocol for Sensor Networks implementation

PERSONAL PROFILE

Name	: Dr. Suresha
Date of birth	: 10-05-1959
Father's Name	: T.R.Krishna murthy
Nationality	: India
Marital status	: Married
Sex	: Male
Languages known	: Kannada, English, Hindi and Telugu.
Personal Strengths	: Hard working, Team facilitator, Quick grasping Capacity, Good learning.
Family	: Wife- House maker. : Son- Software Engineer at Cisco, Bangalore. : Daughter- Associate Developer at SAP Labs.
Permanent address	: Dr. SURESHA #132, GF, 002 Kaniska Ascent Apt. 4 th Road, Defense Layout, Vidyaranyaपुरa, BENGALURU - 560 097.

I hereby declare that the above furnished information is true to the best of my knowledge.

Place: Bangalore

Dr. Suresha

Date: