EC 🎤 VOICE

A QUARTERLY NEWSLETTER OF ELECTRONICS & COMMUNICATION ENGG.

Vol.4 Issue-1 July – September 2020

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Vision: To be in the forefront in providing quality technical education and research in Electronics & Communication Engineering to produce skilled professionals to cater to the challenges of the society.

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Virtual Alumni Meet

Engineers' Day

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Quote Corner

Tell me and I forget. Teach me and I remember. Involve me and I learn.
        -Benjamin Franklin

Mission:

M1. To facilitate the students with profound technical knowledge through effective teaching learning process for a successful career.

M2. To impart quality education to strengthen students to meet the industry standards and face confidently the challenges in the program.

M3. To develop the essence of innovation and research among students and faculty by providing infrastructure and a conducive environment.

M4. To inculcate the student community with ethical values, communication skills, leadership qualities, entrepreneurial skills and lifelong learning to meet the societal needs.

Outcome Based Education (OBE)

Outcome based education or OBE is a student-centric educational model that maps & measures students' performance at every step. The OBE model aims to maximize student learning outcomes by developing their knowledge & skills.

Differences from traditional education methods

OBE can primarily be distinguished from traditional education method by the way it incorporates three elements: theory of education, a systematic structure for education, and a specific approach to instructional practice. It organizes the entire educational system towards what are considered essential for the learners to successfully do at the end of their learning experiences. In this model, the term outcome is the core concept and sometimes used interchangeably with the terms competency, standards, benchmarks, and attainment targets. OBE also uses the same methodology formally and informally adopted in actual workplace to achieve outcomes. It focuses on the following skills when developing curricula and outcomes:

- Life skills;
- Basic skills;
- Professional and vocational skills;
- Intellectual skills;

From HOD's Desk

It is indeed a happy moment for Electronics & Communication Engineering Department as we are bringing out the first edition of volume 4 for the year 2020-21.

This issue highlights on the Departmental activities, achievements of Students and Faculty taken place during the period July-September 2020.

I am proud to say that Department has been recognized as **Research Centre** . Also I am happy to share that 10% of students and 20% of faculty have enrolled for NPTEL courses. **Online** Siddatha-2K21 and Papyrus-2K20 was conducted and participants were given E-Certificates.

It is great to find the contribution of articles, poems and art by students which portrays that they are adequately equipped and possess necessary skill set to express their talent.

I welcome the editorial board for the year 2020-21 and best wishes to bring out the forthcoming issues. I congratulate the previous editorial board for successfully bringing out volume 3 of EC VOICE.

PSOs of E&CE Program

At the end of the program, students are expected to have developed the following program specific outcomes

PSO1: Specify, design, build and test analog, digital and embedded systems.

PSO2: Understand and architect wired and wireless analog and digital communication systems as per specifications and determine their performance.

DEPARTMENTAL ACTIVITIES

SIDDATHA

SIDDATHA is a series of tests and a platform for the Aspirants of **GATE, PGCET**, **Preparation for Placement** and for Other Technical Exams. Under **IETE Students' Forum &** EC **Forum** Online **SIDDATHA 2K21** was conducted. Students of IV, VI and VIII semester participated in the Siddatha. The tests were conducted in **online mode** by the team comprising of Sharath Gudad, Nithesh Chebrolu, Saidarshan of VIII semester and Saikiran of VI semester.
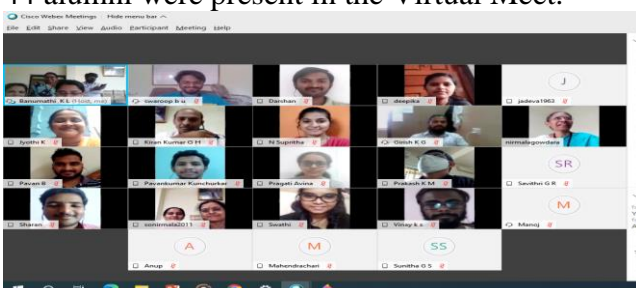
Topics and the Test dates:

Topic	Date	No. of Participants
Digital Electronics	07-07-2020	166
Analog Electronics	11-07-2020	91
Network Analysis	16-07-2020	78
Control Systems	21-07-2020	70
Signal and Systems	25-07-2020	52
Communication Systems	31-07-2020	53

Based on the scores in all the tests, top scorers were selected.

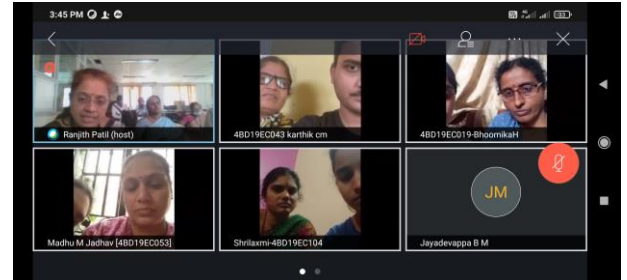| Sl. No.	Semester	Top Scorers
1	IV	Prashant Kumar R
2	IV	Siddamara Mahantesha
3	IV	Sheetal Pujar

EC Milana – Virtual Meet 2019

Virtual Meet of Batch 2015-19 was held on 15th August 2020 at 11am through Cisco Webex platform. The agenda of the meet was to interact with Alumni, updating the activities held in Department and discussing the requirements in Industry. The meet was graced by Prof. Y Vrushubhendrappa, Director, Dr. H B Aravind, Principal, Dr. G S Sunitha, Program Coordinator, Dr. Pradeep N, Associate Professor and Alumni Dean, Computer Science & Engineering Department , Dr. K C Devendrappa, Professor and Alumni Secretary, Mechanical Engineering Department and all the faculty members. Total of 44 alumni were present in the Virtual Meet.

Virtual Alumni Meet 2015-19

PARENTS' MEET

Virtual Parents' meet for III semester students was held on 15th ,16th and 18th , 21st Sept 2020 for A & B sections respectively. Students along with their parents actively participated and interacted with Program Coordinator ,faculty handling the courses and mentors.

PAPYRUS 2020

Papyrus-2020 A **Online** Technical Paper Presentation for UG students was conducted under EC Forum in association with ISTE Students' Chapter & IETE Students' Forum, BIET on 26th September 2020. Due to Covid 19 in-house teams presented the papers.
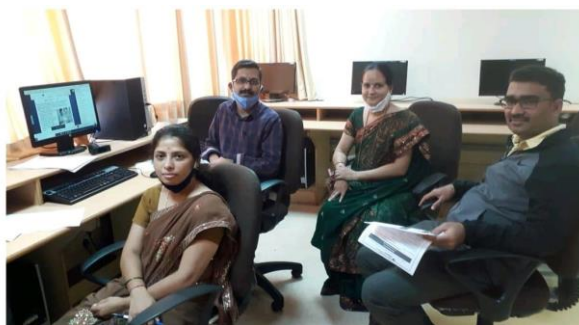

The event was conducted in three venues A, B & C.

Venue- A
Judges: Dr. B. M. Jayadevappa and
Prof. Banumathi K. L.

Venue- B
Judges: Prof. Kirankumar G H and
Prof. Ganesh K

Venue- C
Judges: Prof. Prakash K. M and
Prof. Shweta S

Faculty members of Dept. who witnessed the online Technical paper presentation PAPYRUS-2020

The **best paper** was selected from each venue and awarded with a cash prize of Rs.1000 and certificate.

Venue	Paper Title	Presenters
A	Fire Extinguishing Robot	Ms. Aditi N. Kashyap and Ms. Annamreddy Sai Gayatri
B	Unmanned Aerial Vehicle for Product Delivering System	Ms. Aishwarya R Baddi and Ms. Sankalpa R
C	Voice Controlled Agribot	Ms. Sahana R. A. and Ms. Rakshitha Patil

Others

- Dr. G S Sunitha is nominated as BOE member ,VTU, Belgaum for the academic year 2020-2021 .

- Six faculty enrolled for **NPTEL** courses for July-Dec 2020.

STUDENT ACHIEVEMENTS AND ACTIVITIES

Placement Activities

- VII sem students (12) attended **Online** Training Program conducted by **CREA** under Training and Placement Cell from 17th to 25th Sept 2020.

- **RECRUITRONICS** a mock interview for the VII sem students was conducted on 26th and 27th September 2020. It included different process like Resume submission, written test, technical and HR. It was conducted by **Alumni of 2012-15 batch.**

Sl. No	Alumni	Interview process on
1	Raghunandhan RP	HR
2	Vijay B L	HR
3	Sagar Hande	Software
4	Prajwal BH	Software
5	Lohit Javali	Software
6	Krishna Jakaraddi	Software
7	Rajeev Gowda	Hardware
8	Akshay Patil	Hardware
9	Sachin SK	Hardware
10	Kumaraswamy R	Hardware
11	Anand Patil	Hardware
12	Vikas S	Hardware
13	Veeresh Javali	Hardware
14	Aravinda	Hardware

Fifty two students participated actively in the Recruitronics event which gave them knowledge and experience of complete recruitment process.

- **Students placed in Campus Recruitment till date:**
  - ➢ TV&S 09
  - ➢ Infosys 07

Internship

Online Internship was carried out for a duration of one month during July-Aug 2020 by VI sem students in various domains like VLSI, Embedded & IoT, Python, Data Science etc. in different companes as listed below-

- Entuple Technologies, Bangalore
- Silicon Microsystems, Bangalore
- EI Systems
- Technex IIT BHU
- Emcog Solutions
- Verzeo Edutech
- SaiTech Integrated Solutions
- Pantech Solutions
- Internshala
- Bharat Sanchar Nigam Limited
- METI M2M India Private ltd, Mysore

NPTEL Online Certification

Forty five students enrolled for **NPTEL** courses for July-Dec 2020.

Co-Curricular Activities

- Shreeraksha R K of VII Sem participated in Online quiz on Computer Networks Organized by Dept. of E&CE, Oxford College of Engineering, Bangalore on 1st & 2nd July 2020.

- Ruthushree H, Sushmitha A O participated in Online quiz on Network Analysis Organized by Dept. of E&CE, JIT , Davangere on 1st & 2nd July 2020.

- Pooja R, Ruthushree H, Sushmitha A O of V Sem participated in Online quiz on Analog Electronics Organized by Dept. of E&CE, Oxford College of Engineering, Bangalore on 6th & 7th July 2020.

- Pooja R, Sushmitha A O, Srushti of V Sem and Rajeshwari , Meetha M Belludi of III Sem attended Online quiz on Electronic Concepts Organized by Dept. of E&CE, Oxford College of Engineering, Bangalore on 8th & 9th July 2020.

- Shreevatsa Bhat and Shreesha Bhat of VII Sem have written book entitled **Sarala Vidyunmana Prayogagalu** which is selected for publication by VTU in Kannada in Aug 2020.

- Prajwal Y Shirageri student of III Sem participated in a Webinar on Career enhancement through project based learning organized by IEEE, HMRITM on 8th Aug 2020.

FACULTY ACHIEVEMENTS AND ACTIVITIES

Publications

- Prof. Rakesh H.M and Dr. G.S. Sunitha published a paper titled **A survey on Architecture of MAC Units for DSP applications**, in European Journal of Advances in Engineering and Technology(EJAET).

- Prof. Deepa published a paper titled **Design and Development of Lie Detector** in International Journal of Engineering Research & Technology(IJERT), July 2020

- Prof. Ganesh K has written book entitled Electronics Guru (Kannada) which has been selected for publication by VTU Prasaranga in 2020.

Research Activities

- Prof. Radhika Priya Y R, Prof. Ali I K, Prof. Ranjith Patil N, Prof. Lingaraj, Prof. Poornima G N, Prof. Suman B S, Prof. Yogesh K O have applied for **VTU-ETR,** Belgaum.

- Prof. Savithri G R completed the comprehensive viva on 31st July 2020 before the Doctoral committee for the research titled **Design and Implementation of FPGA based Pipelined Network on Chip Bidirectional Router** supervised by Dr. G S Sunitha, Program Coordinator in online mode using Webex platform.

- Faculty of the department attended a workshop on **How to write Research Proposals-I** organized by BEA-Research & Development Cell on 4th Aug 2020 at the Training and Placement Seminar Hall, BIET.

- Prof. Kirankumar G H , completed Open Seminar- 1 in online mode on 6th August before the Doctoral committee in the presence of for Research Supervisors Dr. Manjunatha P, JNNCE Shimoga and Dr. Mallikarjun S Holi , UBDTCE, Davangere for the research work titled **Development of Optimized Compressive Sensing Algorithms for Wireless Body Area Network.**

- Prof. Prakash K M, completed Open Seminar-1 in online mode on 22nd Sept 2020 before the Doctoral committee in the presence of Research Supervisor Dr. G S Sunitha, Program Coordinator for the research work titled **Polar Codes for Low Complexity Encoding & Decoding and their Performance Analysis.**

Workshops/FDP Attended

- Prof. Banumathi K L & Prof.. Poornima G N participated five days online program on **PCB design** organized by department of Electronics & Comm, VVIET, Mysuru from 29th June to 3rd July,2020.

- Dr. B M Jayadevappa attended an FDP on DIGITAL TEACHING TECHNIQUES organized by ICT Academy from 29th Jun to 4th Jul 2020.

- Dr. Leela G H and Dr. Nirmala S O attended **Two week online FDP on Python** organized Department of Electronics & Communication Engineering, JSS Academy of Technical Education, Noida in association with Spoken Tutorial Project, IIT, Bombay and funded by National Mission on Education through ICT, MHRD, GOI on 22nd June-04th July 2020.

- Prof. Kiran Kumar G H completed online quiz on **Network Analysis** conducted by Jain Institute of Technology on 1st & 2nd July, 2020.

- Prof. Banumathi K L participated in five days' online program on **Advancement in communication engineering technologies with simulation tools** organized by department of Electronics & Communication, VIT, Bhiravaram from 1st to 5th July,2020.

- Dr. G.S Sunitha Participated in webinar on **Intellectual Property Rights** Conducted by Department of Mechanical Engineering, PESITM, Shivamogga on 2nd July 2020.

- Dr. G.S Sunitha Participated in webinar on **Industrial IOT** organized by Dept. of E&CE, K.L.E Institute of Technology, Hubballi on 4th July 2020.

- Prof. Kiran Kumar G H, Prof. Mahendrachari, Prof. Savithri G R & Prof. Poornima G N participated in National level online quiz on **Digital Communication** organized by Department of Electronics & Communication, SJMIT, Chitradurga from 2nd to 4th July, 2020.

- Dr. Nirmala S.O has Attended Online Faculty Development Program on **OBE & its Impact on Accreditation Process** organized by RV College of Engineering, Bengaluru under AICTE Sponsored Share & Mentor Institutions (Margdarshan) Scheme from 6th -10th July 2020.

- Prof. Suman B S attended FDP on **Contemporary Research trends in E&CE and CSE** organized by Department of Electronics & Communication Engineering, VTU, Centre of PG studies, Kalaburagi in association with IETE from 06th to 10th July 2020.

- Prof. Savithri G R, Prof. Banumathi K L, Prof. Mahendrachari, Prof. Shwetha S & Prof. Poornima G N participated in one-day webinar on **Design of Linear & Non-Linear Microwave circuits** held by Brindavan college of Engineering, Bangalore on 7th July,2020.

- Prof. Savithri G R has Participated in one day webinar on **Trends and challenges in SoC Design** organized by E & CE Dept., Bangalore Technological Institute, on 11th July 2020.

- Prof. Ganesh K has participated in the online Faculty Development Program on **Python Programming through INFYTQ Platform** organized by Infosys Limited from 6th July 13th 2020.

- Dr. Sunitha G.S Participated in webinar on **Advanced Features of Microsoft Excel** organized by Dept. of E&CE, K.S. School of Engineering and Management, Bangalore on 13th July 2020.

- Prof. Bhagya Shanthakumar, Prof. Lingaraj , Prof. Suman B S attended FDP on **Sensors & Their Applications** organized by Department of Electronics & Communication Engineering IEEE Sensors Council, Bangalore Section, Vemana Institute Of Technology from 13th to 17th July 2020.

- Prof. Kiran Kumar G H participated in one-week program on Professional Documentation using LATEX organized by Department of Electronics & Communication, JNNCE, Shivamogga from 13th to 18th July 2020.

- Dr. B M Jayadevappa participated in webinar on **Industry 4.0 and Its role in manufacturing** held by Department of Electronics & Instrumentation, BVVS, Bagalkot on 15th July,2020.

- Prof. Banumathi K L & Prof. Mahendrachari participated in one-week online program on **Research avenues in Healthcare Technology** organized by Department of Electronics & Instrumentation, JSS, Mysuru from 21st to 25th July,2020.

- Prof. Deepa participated six days' program on **Perspectives of artificial intelligence applications** organized by St Joseph's institute of Technology, Chennai on 27th July to 1st August, 2020.

- Prof. Deepa has attended the webinar **A New Road to Health on Telemedicine, AI and 3D printing in Medicine** organized by Pacemaker, the Student's Chapter of Department of Biomedical Engineering, in association with FORCE Biomedical, conducted on 1st Aug 2020.

- Prof. Deepa participated on **Recent Trends & Innovation in Electronics Engg** organized by department of Electronics & Communication from 4th to 8th August,2020.

- Prof. Suman B S attended FDP on **Recent Research Developments in Electrical Engineering** organized by Department of Electrical and Electronics Engineering, PES Institute of Technology and Management, Shivamogga from 4th to 8th August 2020.

- Dr. G S Sunitha Participated in Five days Faculty Development Programme (online) on **Signal Processing: Opportunities and Trends 2020** held at Department of Electronics and Communication Engineering, S.D.M. College of Engineering and Technology, Dharwad from 4th to 8th Aug 2020

- Prof. Banumathi K L participated in one-week online faculty development program on **Concepts, Methods, Challenges & Future directions in medical image analysis using machine learning** organized by department of Electronics & Instrumentation, SJCE, JSSS & TU, Mysuru from 10th to 14th August, 2020.

- Dr. G.S Sunitha Attended One day workshop on **Intellectual Property Rights** organized with Karnataka State Council for Science & Technology (KSCST), Indian Institute of Science campus, Bangalore via Virtual meeting on 22nd September 2020.

Invited Lectures Delivered

- Prof. Ganesh K delivered a talk in a webinar on **Challenges in Image Quality Assessment Techniques** organized by department of Electronics and Communication Engineering, PES Institute of Technology & Management, Shivamogga on 2nd July 2020.

Faculty of Electronics & Communication Engineering

Sl.No.	Name of the Faculty	Designation	Specialization
1	Dr. G S Sunitha	Professor & Head Of Department	Communication & Networking
2	Dr. Jayadevappa B M	Professor	Signal Processing
3	Dr. G H Leela	Associate Professor	Network Security
4	Dr. Nirmala S O	Associate Professor	VLSI and Image Processing
5	Dr. Avinash K G	Associate Professor	Microwave Engineering
6	Prof. Prakash K M	Asst. Professor	Digital Electronics & Communication
7	Prof. Kiran Kumar G H	Asst. Professor	Digital Electronics
8	Prof. Suma K G	Asst. Professor	Digital Electronics
9	Prof. Savithri G R	Asst. Professor	VLSI Design & Embedded System
10	Prof. Radhikapriya Y R	Asst. Professor	Digital Communication and Networking
11	Prof. Banumathi K L	Asst. Professor	VLSI Design & Embedded System
12	Prof. Bhagya S	Asst. Professor	Digital Communication and Networking
13	Prof.. Ali I K	Asst. Professor	Digital Communication and Networking
14	Prof. Deepa	Asst. Professor	Digital Electronics
15	Prof. Ganesh K	Asst. Professor	Digital Electronics
16	Prof. Nirmala G	Asst. Professor	Computer Science & Engg.
17	Prof. Mahendrachari	Asst. Professor	Embedded System Technology
18	Prof. Shwetha S	Asst. Professor	Digital Communication and Networking
19	Prof. Ranjith Patil N	Asst. Professor	Digital Electronics and Communication Systems
20	Prof. Lingaraju	Asst. Professor	Digital Electronics
21	Prof. Poornima G N	Asst. Professor	Digital Electronics
22	Prof. Suman B S	Asst. Professor	Digital Electronics

Technical and Non-Technical Staff

Sl.No.	Name	Designation
1	Mr. Umapathy S P	Instructor
2	Mr. V S Patil	Asst. Instructor
3	Mr. Girish M	Asst. Instructor
4	Mr. Ramesh G	Attender
5	Mr. Ramu K T	Peon
6	Mr. Duragappa	Peon
7	Mr. Nagaraja R	Peon

ARTICLES

Digital Media – Taking a Steep Turn

Everything we see on the web through mobiles, the tablet PCs, laptops and desktops is a part of digital media. In other words, it is the electronic information shared via above mentioned technology consoles in a way so that data appears attractive and informative to the end users.

How is Digital Media evolving in our Lives?

For anybody to get used to anything, it is important to adapt to it completely. With Internet almost at its peak state, digital media like domains are all set to be a part of personal lives. Whether in the form of education material like e-books for schools, universities or corporate e-learning or any kind of audio visual clips concerning a documentary film etc. among others, all act as a digital media.

How is Digital Media Helpful?

Digital media includes online newspapers, magazines, brochures, e-books, collateral or as a matter of fact even white papers. Meaning, one can reach out to any of the above mentioned sources of information with just an effective computer device in hand. Read newspapers and magazines while traveling without missing any single second news. This is how digital media advances in our daily lives and on that note prove to be a beneficial tool for the upcoming technology world.

Digital media is becoming the need of the hour with more and more businesses whether educational or non-educational ones entering into the domain rapidly.

LITERARY CONTRIBUTIONS

ಸ್ತ್ರೀ ಸಂಕುಲಕ್ಕೆ ಸ್ವಾತಂತ್ರ್ಯ, ಸಮಾನತೆ ತಂದುಕೊಟ್ಟ "ಕ್ರಾಂತಿವೀರ ಶ್ರೀ ಬಸವೇಶ್ವರ".....

ಹೆಣ್ಣು ಈ ಸಮಾಜದ, ಕುಟುಂಬದ, ಸಂಸಾರದ ಕಣ್ಣು. ಹೆಣ್ಣು ಮಕ್ಕಳಿಲ್ಲದ ಸಂಸಾರ, ಕುಟುಂಬ, ಸಮಾಜ ಅಷ್ಟೇ ಏಕೆ ಇಡೀ ಪ್ರಪಂಚವನ್ನು ಉಳಿಸಿಕೊಳ್ಳುವುದು ಕಷ್ಟವೇ ಸರಿ.

ಹೆಣ್ಣಿಗೆ ನಿಜವಾಗಿಯೂ ಸ್ವಾತಂತ್ರ್ಯ-ಸಮಾನತೆ ಸಿಕ್ಕಿದ್ದು 12ನೇ ಶತಮಾನದ ಬಸವಾದಿ ಶರಣರ ಕಾಲದಲ್ಲಿ. ಇಂದೇನಾದರೂ "ಅಕ್ಕಮಹಾದೇವಿ, ಸಾವಿತ್ರಿ ಬಾಪುಲೆ, ಮೇರಿಕೋಂ, ಕಿರಣ್ ಬೇಡಿ, ಲತಾಮಂಗೇಶ್ಕರ್, ಪಿ.ಟಿ.ಉಷಾ, ಇಂದಿರಾಗಾಂಧಿ" ಯಂತಹ ಅನೇಕ ಮಹಿಳಾ ಸಾಧಕರು ಅವರವರ ಕ್ಷೇತ್ರದಲ್ಲಿ ಸಾಧನೆ ಮಾಡಿದ್ದಾರೆಂದರೆ ಅದಕ್ಕೆ ಮೂಲ ಕಾರಣ ಅಪ್ಪಾ ಬಸವಣ್ಣನವರು.

12ನೇ ಶತಮಾನ ಹೆಣ್ಣುಮಕ್ಕಳಿಗೆ ಸ್ವಾತಂತ್ರ್ಯ-ಸಮಾನತೆ ನೀಡಿ ಮುಕ್ತಳನ್ನಾಗಿಸಿದ ಶತಮಾನ, ಶತ ಶತಮಾನಗಳಿಂದ ಹೆಣ್ಣು ಅಬಲೆ, ಅಬಲೆ ಎಂದು ತುಳಿತಕ್ಕೊಳಗಾಗಿದ್ದ ಹೆಣ್ಣನ್ನು ಅಬಲೆ ಎಂಬ ಹಣೆಪಟ್ಟಿಯನ್ನು ಕಿತ್ತುಹಾಕಿ "ಸಬಲೆ"ಯನ್ನಾಗಿ ಪರಿವರ್ತಿಸಿದ ಶತಮಾನ, ಹೆಣ್ಣು ಕೇವಲ ಮಕ್ಕಳನ್ನು ಹೆರುವ ಯಂತ್ರ. ನಾಲ್ಕು ಗೋಡೆಗಳ ಮಧ್ಯೆ ಬದುಕಬೇಕಾದವಳೆಂಬ ಹಣೆಪಟ್ಟಿಯನ್ನು ಕಿತ್ತೊಗೆದು ಅನುಭವ ಮಂಟಪದಲ್ಲಿ ಎಲ್ಲರೊಂದಿಗೂ ಮುಕ್ತಳಾಗಿ ತನ್ನ ಅಂತರಂಗದ ನೋವನ್ನು, ಅಂತರಂಗದ ಭಾವನೆಗಳನ್ನು ಹಂಚಿಕೊಳ್ಳುವ ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಟ್ಟವರು ಮಹಾತ್ಮ ಅಪ್ಪಾ ಬಸವಣ್ಣನವರು.

ಪ್ರತಿಯೊಬ್ಬ ಸಾಧಕ ಪುರುಷನ ಹಿಂದೆ ಸ್ತ್ರೀಯೊಬ್ಬಳು ಇರಲೇಬೇಕು, ಇದ್ದೇ ಇರುತ್ತಾಳೆ ಕೂಡ. ಬಸವಣ್ಣನವರು ಇಂದೇನಾದರೂ ಇಡೀ ಜಗತ್ತಿಗೆ "ಜಗಜ್ಯೋತಿ" ಎನಿಸಿಕೊಂಡಿದ್ದರೆ ಅದಕ್ಕೆ ಮೂಲ ಬೆಳಕು 'ಅಕ್ಕನಾಗಮ್ಮ' ತಾಯಿ. ಅಪ್ಪಾ ಬಸವೇಶ್ವರರಿಗೆ ಮಾತೃವಾತ್ಸಲ್ಯದ ಜೊತೆಗೆ ಅವರ ಆಧ್ಯಾತ್ಮಿಕ ಸಾಧನೆಗೆ ಅಕ್ಕನಾಗಮ್ಮ ಜೊತೆಯಾದರು. ಅಪ್ಪಾ ಬಸವಣ್ಣನವರ ಬಾಲ್ಯದಲ್ಲಿ ನಡೆದ ಉಪನಯನ ಪ್ರಸಂಗದಿಂದ ನಮಗೆ ತಿಳಿಯುತ್ತದೆ ಅಪ್ಪಾ ಬಸವಣ್ಣನವರು ಸ್ತ್ರೀ ಸಂಕುಲದ ಉದ್ಧಾರಕ್ಕಾಗಿಯೇ ಹುಟ್ಟಿಬಂದ "ಆಧ್ಯಾತ್ಮ ಕ್ರಾಂತಿವೀರ" ಎಂದು.

ಉಪನಯನದ ವೇಳೆ ಅಪ್ಪಾ ಬಸವಣ್ಣನವರು "ಉಪನಯನ ಅಕ್ಕನಿಗೇಕಿಲ್ಲ?" ಎಂದು ಪ್ರಶ್ನಿಸುತ್ತಾರೆ "ಆಕೆ ಬಹಿಷ್ಠಳಾಗುತ್ತಾಳೆ ಜೊತೆಗೆ ಧರ್ಮಶಾಸ್ತ್ರದಲ್ಲೆಲ್ಲಿಯೂ ಹೆಣ್ಣಿಗೆ ಉಪನಯನ ಮಾಡುವ ವಿಷಯವಿಲ್ಲ" ಎಂದಿದೆ ಎಂದಾಗ ಅಪ್ಪಾ ಬಸವಣ್ಣನವರು "ಅಕ್ಕನಿಗಿಲ್ಲದ ಜನಿವಾರ ನನಗೂ ಬೇಡ" ಎಂದು ಅದನ್ನು ತಿರಸ್ಕರಿಸಿ ಮನೆ ತೊರೆದು ಬಿಡುತ್ತಾರೆ ಈ ಒಂದು ಘಟನೆಯಿಂದ ಬಸವಣ್ಣನವರು "ಸ್ತ್ರೀ ಕುಲೋದ್ಧಾರಕ" ಎಂದು ನಮ್ಮ

ಅರಿವಿಗೆ ಬರುತ್ತದೆ. ಅಲ್ಲದೆ ಅಕ್ಕನಾಗಮ್ಮ ಕೂಡಾ 'ಬಸವನಿಲ್ಲದ ಮನೆ ನನಗೂ ಬೇಡವೆಂದು' ತಮ್ಮನ ಹಾದಿಯನ್ನೇ ಹಿಡಿಯುತ್ತಾಳೆ.

ಅಕ್ಕನಾಗಮ್ಮ ತಮ್ಮ ಒಂದು ವಚನದಲ್ಲಿ;

ಎನ್ನ ಕುಲಸೂತಕವ ಕಳೆದಾತ ಬಸವಣ್ಣ.

ಎನ್ನ ಭಲಸೂತಕವ ಕಳೆದಾತ ಬಸವಣ್ಣ.

ಎನ್ನ ತನುಸೂತಕವ ಕಳೆದಾತ ಬಸವಣ್ಣ.

ಎನ್ನ ಮನಸೂತಕವ ಕಳೆದಾತ ಬಸವಣ್ಣ.

ಎನ್ನ ನೆನಹುಸೂತಕವ ಕಳೆದಾತ ಬಸವಣ್ಣ.

ಎನ್ನ ಭಾವಸೂತಕವ ಕಳೆದಾತ ಬಸವಣ್ಣ.

ಎನ್ನ ಅರುಹುಮರೆಹಿನ ಸಂದುಸಂಶಯವಬಿಡಿಸಿದಾತ ಬಸವಣ್ಣ.

ಎನ್ನ ತನ್ನೊಳಗೆ ಇಂಬಿಟ್ಟುಕೊಂಡಾತ ಬಸವಣ್ಣ.

ತನ್ನ ಎನ್ನೊಳಗೆ ಇಂಬಿಟ್ಟುಕೊಂಡಾತ ಬಸವಣ್ಣ.

ನಿಜದ ನಿರ್ವಯಲ ಬಾಗಿಲ ನಿಜವ ತೋರಿದಾತ ಬಸವಣ್ಣ.
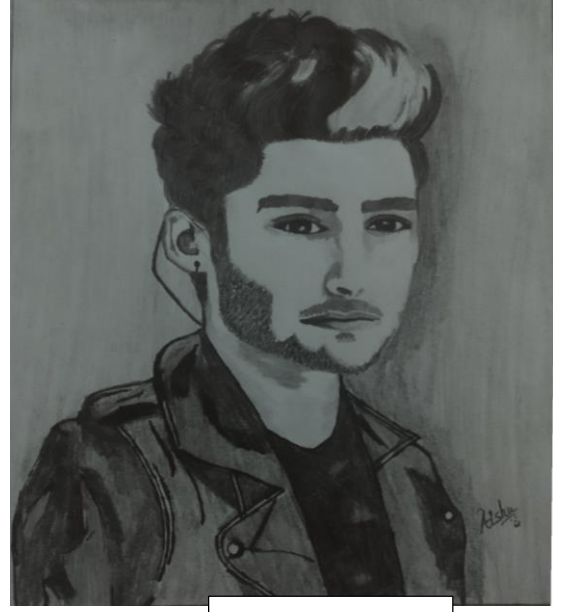
ಬಸವಣ್ಣಪ್ರಿಯ ಚೆನ್ನಸಂಗಯ್ಯನ ಹೃದಯಕಮಲದಲ್ಲಿ ನಿಜನಿವಾಸಿಯಾಗಿರಿಸಿದ.
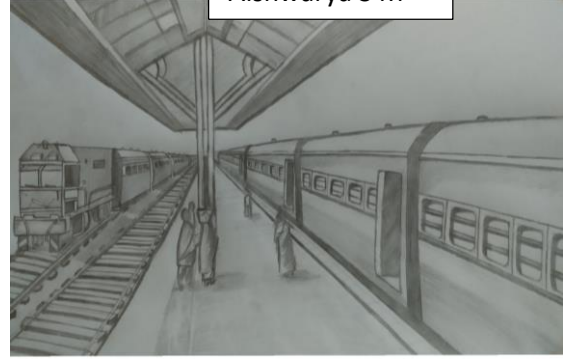
ಎಂಬುದಾಗಿ ಅಪ್ಪ ಬಸವಣ್ಣನವರನ್ನು ಹಾಡಿ ಕೊಂಡಾಡಿದ್ದಾರೆ.

ಅಷ್ಟೇ ಏಕೆ ಅಪ್ಪಾ ಬಸವಣ್ಣನವರು ಕಲ್ಯಾಣ ಪಟ್ಟಣದಲ್ಲಿ ಪ್ರಧಾನಮಂತ್ರಿಯಾಗಿದ್ದಾಗ 12000 ಸೂಳೆಯರನ್ನು ಶರಣೆಯರನ್ನಾಗಿ ಮಾಡಿ ಅವರಿಗೆ ಶರಣ ಸಂಸ್ಕಾರವನ್ನು ನೀಡಿ ಅವರಿಂದ ವಚನಗಳನ್ನು ರಚಿಸಿ ಅವರನ್ನು ವಚನಕಾರ್ತಿಯರನ್ನಾಗಿ ಮಾಡಿ ಆಧ್ಯಾತ್ಮಿಕ ರತ್ನಗಳನ್ನಾಗಿ ಮಾಡುವಲ್ಲಿ ಅಪ್ಪಾ ಬಸವಣ್ಣನವರು ಕಾರಣೀಭೂತರೆಂಬುದನ್ನು ಮರೆಯುವಂತಿಲ್ಲ.

ಅಪ್ಪಾ ಬಸವಣ್ಣನವರ ನಡತೆ ಮತ್ತು ಆದರ್ಶ ಜೀವನದಿಂದ ಪ್ರೇರಿತಗೊಂಡ ಸುಮಾರು 35 ವಚನಗಾರ್ತಿಯರನ್ನೊಳಗೊಂಡಂತೆ 45ಕ್ಕೂ ಹೆಚ್ಚು ಶರಣೆಯರು 12ನೇ ಶತಮಾನದಲ್ಲಿ ಆದರ್ಶಮಯ ಜೀವನವನ್ನು ನಡೆಸಿದರು. ಇಂದಿನ ಆಧುನಿಕ ಯುಗದಲ್ಲಿ ನಾವೆಲ್ಲಾ ಹೆಣ್ಣು ಮಕ್ಕಳು ಸ್ವತಂತ್ರವಾಗಿ, ಸಮಾನತೆಯಿಂದ ಬಾಳುತ್ತಿದ್ದೇವೆಂದರೇ ಅದಕ್ಕೆ ಅಪ್ಪಾ ಬಸವಣ್ಣನವರು ಮತ್ತು ಬಸವಾದಿ ಶರಣರು 12ನೇ ಶತಮಾನದಲ್ಲಿ ನಡೆಸಿದ ಬದಲಾವಣೆಯ ಕ್ರಾಂತಿಯೇ ಕಾರಣ.

ಶ್ರೀರಕ್ಷಾ R K
VII Sem B Sec

PAINTINGS

Aishwarya S M

Pavan Kalyan

Alumni Corner

Yathish Chandra GH IPS (KL 2011)

Study Details

1. Sri Taralabalu Jagadguru High School, Davanagere.   **SSLC Year 1999**

2. Sri Taralabalu Jagadguru Pre University College, Davanagere. **Year 1999-2001**

3. Bachelor of Engineering in Electronics and Communication, Bapuji Institute of Engineering and Technology, Davanagere.   **Year 2001 – 2005**

4. UPSC(CSE) examination- 211 AIR   **Year 2010**

Experience in the Corporate Sector

1. Motorola India Electronics Pvt Ltd. Bangalore - Software Engineer Year 2005-2009.
2. Cognizant Technology Solutions Pvt Ltd Bangalore-Associate Engineer Year 2009-2010.
3. Hewlett Packard Bangalore - Senior Software Engineer Year 2011

Experience in the Government machinery

1. Trained at Sardar Vallabhbhai Patel National Police Academy. Year 2011 – 2012
2. ASP (Under Training) Kannur. Year 2013
3. ASP Vadakara, Kozhikode Rural. Year 2013-2014
4. Commandant KAP IV, Kannur. Year 2015
5. District Police Chief, Ernakulam Rural. Year 2015-2016

6. Superintendent of Police Crime Branch CID Thiruvananthapuram Year 2016
7. Deputy Commissioner of Police, Law and Order, Kochi City Year 2017
8. District Police Chief, Thrissur Rural. Year 2017-2018
9. Commissioner of Police, Thrissur City. Year 2018-2020
10. District Police Chief, Kannur Year 2020 - Present

Experience in the Private Sector.

a) System Level Programming with respect to the Mobile communication specifically at L2 and L3 layers.
b) Application level Programming with Mobile technology and Mobile networks.
c) Web technology and Web applications.
d) In depth understanding of the Database operations and its usage.
e) Management information systems and its development.
f) Telecommunication Technology and its application.
g) Robotics and Automated technology.

Projects

a) **Spider patrolling system** – A network of highly planned vehicle support system in order to control crime and immediate police response within the district.
b) **Spider mobile App** – An application for the citizens to interact with the police control room and a place to get information about the traffic rules.
c) **Spider Robotic Red Button** – A Robotic terminal placed in public place which can be used by the citizens who are in need of the police personal at any time. 360 degree camera and hotline system aided with seamless connectivity with the police control room, which will aid the police to track the criminals and respond immediately.

Awards

a) **National level award** for the above spider system by an organization "Security Watch India (SWI)", for innovations in citizen security.

b) **State level award and recognition** for the exemplary service delivered during rescue and rehabilitation of Kerala Floods 2018.

c) **Medal for Detective Excellence** for the exemplary investigation skills

a) **National level award** for the above spider system by an organization "Security Watch India (SWI)", for innovations in citizen security.