

STUDENT ACTIVITIES

ACTIVITY REPORT ON HACKMANIA EVENT

Hackmania1.0 is Karnataka State Level Hackathon and celebration of learning, building and sharing! Every year, we bring together all the best and brightest hackers from Karnataka for 12 hours of coding, designing, and jam-packed fun.

We'll provide all the resources, mentorship and food to do your thing; all you need to bring is your creativity and ideas. Hackmania is open to hackers of all levels: no matter if you're a beginner or veteran.

We at P.E.S. College of Engineering, Mandya have organized an event called Hackmania1.0 in order to get the talented students all over Karnataka. The event was on 9th February 2019. It is a group event where a group may have minimum one and maximum four. The below are the details of the Hackmania1.0

Event Website: www.pescevents.tk

Event Registration Fee:

Registration Fee: Rs 400/- per team

For IEEE Members: Rs 300/- per team



Brief Description of the Event Hackmania1.0

The Hackmania1.0 is a collaborative event with IEEE-PESCE and ISTE student chapter. The registered participant has to submit the abstract about the problem statement on the domain that they have selected on or before 2nd February 2019. The abstracts will be cross verified and filtered by the judges and selection process mail will be sent to participant to bring the solution for the abstract in the



major event which will be on 9th February 2019. Finally the Winner and runner up prizes will be announced. The total number of participants that are expected are 30-40 teams (includes both IEEE and Non IEEE members) considering four in a team.

During the event we are providing Lunch and refreshments to all the participants. The participation certificates will be to all the participants. The cash prize have been awarded to both Winners and Runner Ups along with appreciation certificate and the cash prize for winners is Rs 10,000/- and Runner Up is Rs 5000/ .

Event Schedule



Student Participation in Hackathon Event

1. Shivani Nayak has Volunteered for State Level Event HACKMANIA 1.0 (Hackathon) organized by CS&E, PESCE on Collaboration with IEEE-PESCE, DSC and ISTE at PESCE, Mandya held on 9th FEB 2019.
2. Deeksha M S (4PS17CS020) has participated in State Level Event HACKMANIA 1.0 (Hackathon) organized by CS&E, PESCE on Collaboration with IEEE-PESCE, DSC and ISTE at PESCE, Mandya held on 9th FEB 2019.
3. Sanjay.N.S (4PS16CS095) has volunteered for State Level Event HACKMANIA 1.0 (Hackathon) organized by CS&E, PESCE on Collaboration with IEEE-PESCE, DSC and ISTE at PESCE, Mandya held on 9th FEB 2019.

4. Mahima Pai. B has participated in State Level Event HACKMANIA 1.0 (Hackathon) organized by CS&E, PESCE on Collaboration with IEEE-PESCE, DSC and ISTE at PESCE, Mandya held on 9th FEB 2019.
5. Varun Achar.M.N has Volunteered for State Level Event HACKMANIA 1.0 (Hackathon) organized by CS&E, PESCE on Collaboration with IEEE-PESCE, DSC and ISTE at PESCE, Mandya held on 9th FEB 2019.
6. Supriya M.M (4PS17CS104) has participated in State Level Event HACKMANIA 1.0 (Hackathon) organized by CS&E, PESCE on Collaboration with IEEE-PESCE, DSC and ISTE at PESCE, Mandya held on 9th FEB 2019.

ACTIVITY REPORT ON ICONICS 2k19

The ICONICS 2k19 was held between 3rd April – 5th April 2019. This is the annual fest of the Department of Computer Science and Engineering. This fest is organized to bring out all the hidden talent in the department ranging from first year to final year. There were various events conducted in this fest like Code Battle, Cricket, and Lan Gaming, Singing competition, Musical Instruments, Badminton and Cricket.

The ICONICS 2k19 was inaugurated on 3rd April 2019 by The Academic Dean and The Professor of CSE **Dr. Nagarathna** along with The Professor of CSE **S K Uma**. They inaugurated the fest by releasing the banner in the Department of Computer Science and Engineering. The fest took off with the great start with a huge gathering at the inaugural event.

Following the inaugural event there was series of events scheduled for two days i.e., on 3rd April and 4th April. The events are:

- Debate Competition: Winner – Soumik V , 6th semester ‘A’ section.
Runner – Sohan Jagadeesh , 6th semester ‘A’ section.
- LAN Gaming: PUBG - Winners – Ruchi Raj and Team, 8th semester.
Google Hunt - Winner – Rishi Singh, 4th semester.
- C – Coding Battle: Winner – Nanda Kumar V, 6th semester ‘A’ section.
Runner – Nagaraj T, 6th semester ‘A’ section.
- Singing Competition and Musical Instruments:
Winner – Supriya, 4th semester ‘B’ section.
Runner – Anthara Tewary, 6th semester ‘B’ section.
- During the event the best student from the outgoing batch was announced and the department secretary Sanath thanked and the organizers for supporting and making this event successful.

Best Student (male) – Amogh babu Kalapathi(4PS15CS008)
Best Student (female) – Shivani Nayak.

ACTIVITY REPORT ON INDIAN SOCIETY FOR TECHNICAL EDUCATION (STUDENT CHAPTER) & YOUTH RED CROSS WING

The objective of ISTE is as follows

- Providing quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity.
- To assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organizations.
- Providing guidance and training to students to develop better learning skills and personality.

The ISTE and Youth Red Cross Wing of PES College of engineering, Mandya being one of the active clubs of the college. Here we are committed towards the exposure of students to teamwork, leadership skills, social responsibilities and service which help them to become a better person in society.

In the odd semester of 2018-19 we organized and conducted four events and found a great success in the same. The report of all the events is enclosed below.

NAME OF THE EVENT	DATE
FIGHT THE FLOODS	13/08/2018-18/08/2018
QUIZ COMPETITION	27/09/2018
BLOOD DONATION	30/10/2018
TREKKING EXPEDITION	11/11/2018

ACTIVITY REPORT ON CULTURAL FEST REPORT

As per the culture of P.E.S College of Engineering, Mandya every year we conduct the Annual Cultural Fest “AVIGHNANOTHSAV” of Cultural Team Avighnans. In 2019,

we have organized Avighnanotsav 2019 with the same Enthusiasm and determination among new set of students, coordinators, student volunteers and faculty coordinators.

These Cultural fest is organized every year with objective to provide platform for students to showcase their talent with competitive



spirit. The event was successful enough to attract as many people which include different talents. The event was organized for one day i.e. on **2nd April 2019** from 5:00pm to 9:30pm.

ACTIVITY REPORT ON CRESCO 18.0

CRESCO 18.0, An Annual IEEE Technical Fest was a two days event held in PES College of Engineering, Mandya. This event was organized by IEEE PESCE Student Branch for students in around the college. It had around 10 various competitions and activities involved. First and foremost is the inauguration.

Inauguration:

Before the beginning of CRESCO 18.0, there was an inaugural ceremony from 10:30 am to 12:00 pm in ECE department for which Dr. Shrikanth, Associate Professor from JSS Technical Institute, Mysore was a chief guest. The program started with invocation by ORITUS, A cultural group of IEEE PESCE followed by our Branch Counselor welcoming the guest and gathering. Along with our chief guest, many Professors from various departments were present in the hall.

As a part of CRESCO 18.0 inauguration, there was a felicitation program arranged for the senior professor Dr. K N Muralidhara as a token of gratitude for his decades of service in Electronics and Communication Department. This was later followed by a technical talk by our chief guest Dr. Shrikanth. With the support of our Branch Counselor and Our WIE Mentor, entire program was carried on as a powerful start for the upcoming series of events.

ACTIVITY REPORT ON TECH - SAVVY 2018

A non-technical outdoor TECH-SAVVY was conducted on 20 Sep 2018 for the freshers especially to help them know their college more. A lot of enthusiastic students turned up for the game. In all 10 teams came in having 3 students in each team. Online registrations were done prior to the event with free of cost.

It was a event to solve the complex puzzles given to them and took the selfie with the solutions. The event was great and competitive. The students enjoyed the event and at last we distributed goodies to all of them.

ACTIVITY REPORT ON CSI- Student chapter, PESCE

Technical associations like CSI are continuously supporting the students by conducting some of the technical seminars and workshops both on campus and off campus. Students interested in advanced learning are encouraged to participate in activities conducted regularly:

About CSI:

The seed for the Computer Society India (CSI) was first shown in the year 1965 with a handful of IT enthusiasts who were a computer user group and felt the need to organize their activities. They also wanted to share their knowledge and exchange ideas on a fast emerging sector. Today the CSI takes pride in being the largest and most professionally managed association of and for IT professionals in INDIA. The purpose of the society is scientific and education, directed

towards the advancement of the theory and practice of computer science and IT. The organization has grown to an enviable size of 100,000 strong members consisting of professionals with varied backgrounds including software developers, Scientists, Academicians, project managers, CIO's, CTO's and IT vendors to just name a few. It has spread its branches all over the country. Currently having more than 500 student branches and rooted firmly at 73 different locations, CSI has plans of opening many more chapters and activity centers in smaller towns and cities of the country. The idea is to spread the knowledge and provide opportunities to as many interested as possible.

THE CSI VISION: “IT for Masses”

Keeping in mind the interest of the IT professionals and computer users CSI works towards making the profession an area of choice among all sections of the society. The promotion of Information Technology as a profession is the top priority of CSI today. To fulfill this objective, the CSI regularly organizes conferences, conventions, lectures, projects, awards. And at the same time it also ensures that regular training and skill updating are organized for the IT professionals. Education Directorate, a special wing of CSI helps physically challenged citizens by providing training ‘Punarjani’. CSI also works towards a global approach, by seeking out alliances with organizations overseas that may be willing to come forward and participate in such activities. CSI also helps governments in formulating IT strategy and planning.

CSI- Student chapter, PESCE:

To be a part of the distinguished fraternity of famous IT industry leaders, brilliant scientists and dedicated academicians our college has attained institution membership of CSI from 1st January 2015 and it is our privilege to announce that our department has open CSI-student chapter under the leadership of our HOD Dr. M. C. Padma. With her esteem support, around 108 students have registered to become CSI members. The aim of this body is to create opportunity for students to interact with industry professionals and to organize seminars/workshops/competitions etc.

The department has nominated Mrs B S Mamatha as student branch co-coordinator for CSI-student chapter and Mrs B P Chaitra & Mr. Yoga B S as nominee members. CSI core committee members are also nominated for our CSI-student chapter and the list is given below.

CSI-student chapter core committee members

Ruksar Ahmadi	Student chair
Pratyush Kumar	Vice chair
Rubal Guptha	Secretary
Ashwini M J	Joint Secretary
Abhisht Aharma	Treasurer
Vidyashree H K	SAC Co-ordinator
Archana Muralidharan	Communication Lead
Yashwini S	Designer
Shreeraksha	Asst.Designer



ACTIVITY REPORT ON IGNITING THE INTELLECTS” INAUGURATION

Objective: Inauguration of Computer Society of India (CSI) student chapter in P.E.S. College of Engineering, Mandya.

Date: 20th November, 2016

Time: 10.00 AM

P.E.S College of Engineering in association with Department of Computer Science and Engineering inaugurated the Computer Society of India student chapter on 20th November, 2016. The CSI chapter of the college consists of

more than 75 students including core team members. The Inauguration started with a melodious invocation song which was followed by a welcome speech by the student chair Rukshar Ahmadi who welcomed our privileged guests and addressed the gathering. Our respected chief guest and principal, Dr. V. Sridhar inaugurated the CSI student chapter by lighting the lamp, in presence of professor and head of department of CSE, Dr M.C. Padma, Smt. Mamatha B.S SBC, CSI-Student chapter, and all the professor of department of computer science.

The event proceeded with the address speech of our beloved HOD who enlightened the students on the future goals of the chapter and shared her vision with the student. The event was more successful after the technical talk on Listening, Communication and, Career Opportunities was delivered by Mrs. Vathsala S Bhat, Dean at RIIT Mysuru. The inauguration went ahead with a short quiz event followed by vote of thanks. The overall feedback was quite positive and we hope to conduct more number of events in the upcoming days.



ACTIVITY REPORT ON SWEBOK (Software Engineering Body of Knowledge) Workshop

Introduction to SWEBOK

The companies developing and maintaining software often have problems with the project quality and schedule overruns. Some of the



primary reasons revealed by Root Cause Analysis (RCS) are:

- Teams composed of engineers with diverse background
- The average quality of graduating software engineers is poor
- Lack of standard software engineering courseware across different universities
- Absence of globally accepted assessment and certification
- Ignorance/non-practice of SW Engineering results in cost overruns
- Project delivery delays result in significant profit loss to Companies
- Product Maintenance and support costs increase
- Product Enhancements / Customizations become BIG programs

As a result, the companies spend significant time and money training the new hires and up skilling the experienced engineers. Based on the request from the volunteers, IEEE Computer Society created the Software Engineering Body of Knowledge (SWEBOK), a consortium of Software Professionals world-wide, from both industry and academy. The committee has created SWEBOK guide which specifies the generally accepted Software Engineering practices and conforms to international standard ISO/IEC TR 19759:2005.

The SWEBOK guide is created and developed by leading subject matter experts globally, reviewed by professionals, made available for public review and comment, continuing its 20-years' reputation as the most authoritative, fundamental, and trusted definition of the software engineering profession

IEEE CS Workshop Proposal to PESCE 11-February-2016

SWEBOK is specifically designed to be constantly reviewed, updated and remain consistently relevant as technology and the engineering profession changes over time.

The SWEBOK Guide:

- Characterizes the contents of the software engineering discipline
- Promotes a consistent view of software engineering worldwide
- Offers the learning of concepts with industry applications, examples, exercises and assignments
- Provides a foundation for training contents and curriculum development
- Provides a standard assessment and certification of software engineers
- SWEBOK is created by the collaboration of several professional bodies and members of the industry, and is published by the IEEE Computer Society.

ACTIVITY REPORT ON IEEE-PESCE

IEEE-PESCE is a blooming group of more than 190 active members involved in participating and organizing a range of activities aimed at enhancing their academic, professional and career lives, with the thoughtful support and guidance of mentors.

IEEE PESCE Student Branch at **P E S College Of Engineering**, Mandya, empowered to grow technically, professionally and academically to grid oneself to be technically proficient with the ebullient attitude that engenders to build a wonderful career ahead. We consider ourselves to be lucky enough to be a part of this growing family and find overwhelmed to welcome everybody to this home of people striving to be savant.

This Student Branch of **IEEE PESCE**, budding since **2007** to create an ambiance where each can flourish by displaying their skills and be abreast with the latest developments in cutting edge technology through team meets and various other events like seminars, workshops held regularly. The most unique Social Activity wing works for something more than just an act of favour charity directed towards doing something for the society.

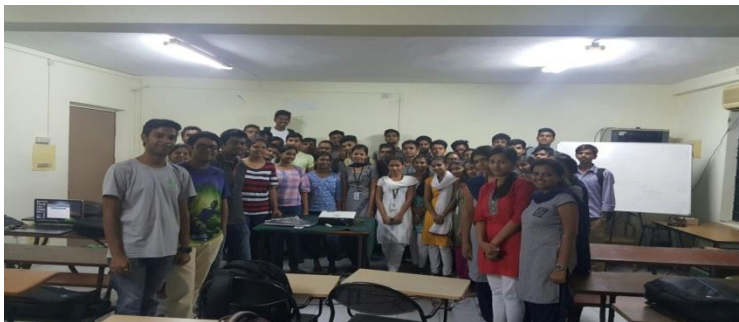
IEEE-PESCE has been cherishing under the guidance of **Dr.K R Radhakrishna Rao**, Branch Councillor IEEE PESCE and **Dr. M C Padma**, WIE Mentor. The Student Branch has been led by team of **20 EXECOMS** who have been co-ordinating and organizing various technical and social events under the mentorship of our Branch Councilor and WIE Mentor.

The Student Branch has conducted numerous events this year which are

- **IEEE Orientation Day**, where information about the Student Branch was given to Freshers.
- **Workshops** on Artificial Intelligence, Python, Deep learning were conducted to give the technical knowledge to the interested students.
- **IEEE Week**, as a celebration of IEEE Day included events like Debate, LAN Gaming, Article presentation was done
- **Independence Day**, was celebrated in an orphanage Vikasana
- **Teacher's Day** was celebrated honoring The Principal and Head of all the Departments.
- **Auctus 18.0**, a flagship event was organized which included Technical, Electronic Salad, Mad Ads, Amul Quiz, Tech Savvy, Fall out.
- Regular **Weekly Meets** has been conducted throughout the year on various topics.

IEEE PESCE Student Branch has been conducting enormous events every year with the College support and has been representing itself in National level platforms.

Following are the few activities conducted at department level for advanced learning



Google Applied CS with
Android Programme: Session
1- 6th April, 2016



Google Applied CS with Android Programme: Inauguration- 25th March, 2016



Wired In Hackathon-27th
February, 2016



Introduction session on
“Python Programming
Language” – 7th April, 2016.