



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)

(All BE Branches Accredited by NBA, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082



Event Name	IEEE DAY CELEBRATIONS 2020
Theme	Staying Relevant with IEEE
Date	6 th October 2020
Venue	Online Google Meet and YouTube Platform

Objectives of the Program/ Event

- To create awareness of benefits of IEEE in the Research and Educational Society.
- To help young researcher's understand the need for Funding in research projects.
- To create awareness among the student community about various opportunities available.
- Encouraging students to orient themselves to take up projects.

The top screenshot shows a Google Meet interface with a grid of 16 participants. A 'People (250)' list on the right includes names like Darshan Jain, DARISHAN P, Dean Academics, deeksha Poojary, DEENA DHAVALG, Deepthi Kamath 10T1715020, Dharshan M G, Divyaraju K, Dr. C. Nandini Cee, and BAGAN NR. A notification at the bottom left says 'Kavya M R has left the meeting'.

The bottom screenshot shows a presentation slide titled 'Membership' with the following details:

- **Student Member:** https://www.ieee.org/membership/dm/index.html#WT.mc_id=nc_join
 - Annual membership is \$27
- **Graduate Student Member:**
 - upon graduation or upon reaching the total cumulative eight-year limit as a Graduate Student member (whichever occurs first), will be transferred automatically to member grade.
- **Professional Member**
 - Annual membership is \$85
- **Senior Member**
 - Have been in professional practice for at least ten years and show significant performance over at least five years in professional practice
- **Fellow grade**
 - Have accomplishments that have contributed to the advancement or application of engineering, science, and technology, bringing the realization of significant value to society
 - Good standing and has completed a minimum of five full years
- **Life member:**
 - The member must be at least 65 years of age
 - An IEEE member of whose sum of his/her age and his/her years of membership equals or exceeds 100

The slide also features the IEEE logo and a 'View all' button. The bottom of the screenshot shows a 'A lot of people are here. The people list shows them all.' notification.



“Plant more Trees, Save Water, Save Electricity, Avoid Plastics, The world is in your Hands”



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The top screenshot shows a Google Meet interface with a presentation slide titled "Staying Relevant with IEEE" by Dr. D. N. Sujatha, Co-Chair, Students Activity Committee, IEEE Bangalore Section. The slide also mentions her role as Professor, Dept. of Computer Applications, B. M. S. College of Engineering. The meeting has 244 people present.

The bottom screenshot shows a slide titled "Upcoming Events" with details for VTS (₹1,00,000 prize), Video Competition (₹2,000 prize), and IEEE Day (₹1,00,000 prize). The meeting has 187 people present.

Purpose: IEEE is a rewarding experience for professionals from a variety of disciplines. As part of a global team, staff members have the opportunity to collaborate with a diverse set of colleagues whose talent and commitment to integrity make them one of the organization’s most valuable assets.

Resource person: Dr. D N Sujatha, SAC- Co-Chair, IEEE Bangalore Section, Bangalore has graced the occasion as chief- guest for the event.

Participants: Final Year Students of UG Program – DSATM – 478 Student Registrations.

Google Meet – Link - <https://meet.google.com/ait-vxua-jkw>

YouTube Live Link - https://youtu.be/48Ky1Qq_Bak

About the topic:

- The Event was started with a welcome note by Prof. P Girish (Coordinator IEEE Student branch) to all the dignitaries and the guests

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- Principal – Director Dr. B R Lakshmikantha, opened the event through his wisdom and emphasised the need for such events to celebrate together and move towards technological advancements for the betterment of man-kind and society.
- Prof. Nikesha T (IEEE branch Counsellor – DSATM) introduced with Guest Dr. D N Sujatha, SAC Co-Chair, IEEE. Dr. Sumitra Devi K A (Dean Academics – HOD, ISE) shared the views and thoughts of the program.
- Dr. D N Sujatha, gave very brief overview of IEEE – Bangalore Section. The various activities ongoing and future were presented before the students for their active participation and involvement
- The Necessity and importance of IEEE Membership for the students were highlighted by the speaker with the intention of helping the students connect with the industry professional and leaders.
- Dr. Sujatha, also highlighted the availability of funds for student research and encouraged the students to write proposals for such funds and encouraged the students to actively participate in the events and activities of the IEEE through the student branch.

Vision: Helps students to provide benefits of IEEE.

Measurable outcomes:

- Membership drives to have a strong student branch under IEEE Bangalore section.
- Conducted Technical quiz under IEEE student branch DSATM on the occasion of IEEE DAY and issued certificates for the Top 10 scorers.



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Department of Information Science



Event Name	Inauguration of IEEE Student Branch DSATM
Theme	IEEE Student Branch DSATM
Date	03/05/2018
Venue	4 th Block 'A' Block , seminar hall

Objectives of the Program/ Event: Inauguration IEEE Student Branch On the occasion of National Conference.



Purpose: IEEE is a rewarding experience for professionals from a variety of disciplines. As part of a global team, staff members have the opportunity to collaborate with a diverse set of colleagues whose talent and commitment to integrity make them one of the organization's most valuable assets. IEEE offers competitive employee benefits for its full-time, part-time, and temporary employees. And also helps student members to explore recent trend research areas of their specific domain

About the Topic: Topics Covered are:

- Dayananda Sagar Academy of Technology and Management have inaugurated IEEE Student Branch on 3rd May 2018. On the occasion of National Conference.
- Prof. Shrikanth Tangade, Student Activity committee co-chair , and Dr. Deepa Shenoy Student Activity committee chair has graced the occasion as chief- guest for the event.



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- Event started with the inauguration of IEEE Student Branch DSATM in the presence of Dr. A N N Murthy, vice chancellor DSU, Principal DSATM Dr. B R Lakshmikantha, Dean Academics and professor and head Dept. of ISE Dr. Sumithra Devi K A, Vice principal and Head Dept. of CSE Dr. Nandini C.

Resource person/ participants: Prof. Shrikanth Tangade, Student Activity committee co-chair, and Dr. Deepa Shenoy Student Activity committee chair has graced the occasion as chief-guest for the event.

Number of participants: 200 participants from various engineering branches ISE, CSE, ECE, EEE, ME, CIVIL.

Vision: Helps students to provide benefits of IEEE

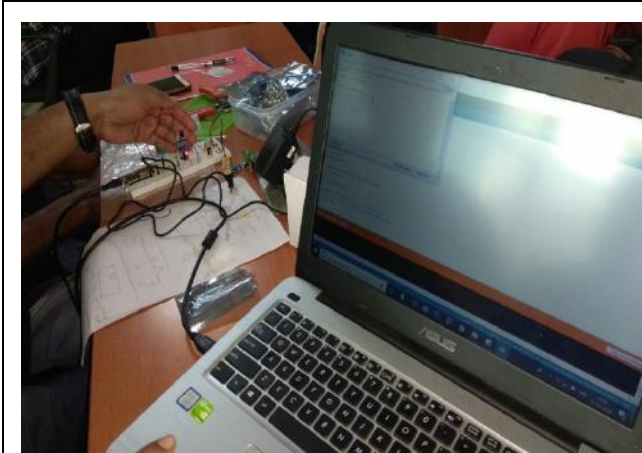
Measurable outcomes:

- Membership drive to have a strong student branch under IEEE Bangalore section.
- Various events conducted under IEEE Bangalore section, helps students to enhance their knowledge.
- Conduct various events under IEEE student branch DSATM.



Event Name	THREE-DAY WORKSHOP“IOT USING ARDUINO AND RASPBERRY PI”
Theme	It focus on getting you up and running with Arduino quickly, so that you will understand the basic procedures for working with Arduino
Date	04/10/2018 to 06/10/2018
Venue	‘A’ Block , 403 lab

Objectives of the Program/ Event: Workshop aimed of delivering students an insight of the architecture and the applications of Arduino and Raspberry with hands-on sessions.



Purpose:

- It is a single board microcontroller.
- It comes in different sizes according to use.
- Light weighted.
- Easy to use.



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About the Topic: Topics Covered are:

- An [open-source hardware](#) and [software](#) company, project and user community that designs and manufactures [single-board microcontrollers](#) and [microcontroller](#) kits for building digital devices and interactive objects that can sense and control objects in the physical and digital world.
- Its products are licensed under the [GNU Lesser General Public License](#) (LGPL) or the [GNU General Public License](#) (GPL), permitting the manufacture of Arduino boards and software distribution by anyone.
- Arduino boards are available commercially in preassembled form or as [do-it-yourself](#) (DIY) kits.
- How to develop an APP for Arduino interface a Understanding the functionality of an app is only one part of programming. The programmer also has to focus on specific features and how to implement them.
- Arduino kit was provided to students and developed small projects using various sensors like motion detection.
- Also implemented the various applications using Raspberry PI.

Resource person/ participants: RevEngg Tech Ltd, Bangalore

Number of participants: 113 participants

Vision: Helps students to provide real time interaction and Basics of Arduino and IOT.

Identification and addressing the GAP: To acquire the skill set required an as embedded industry expert is necessary

Measurable outcomes:

- Create Arduino programs.
- Introduction to latest technology.
- Needs of Market.
- Arduino project ideas..



Objectives of the Program/ Event

Event Name	PROJECT SYMPOSIUM
Theme	Project Symposium is intended to showcase the type of projects that students conduct during their studies
Date	27-11-2019
Venue	'A' Block Seminar hall 4th floor

1. To identify and understand various aspects of theme and problems.
2. To develop the ability to decision and judgment regarding a problem.



Purpose: Technical project symposium allows students to enhance their broad understandings of a topic or a problem.

About the Topic: The ability to successfully execute projects is what drives the realization of intended benefits.

Resource person/ participants: Prof. S.K. Muttagi, M.Tech., (Ph.D), Scientific Officer, Vision Group of Science and Technology, Department of Science and Technology, Information Technology & Bio-Technology, Government of Karnataka, Bangalore.

Evaluators:

1. Goutham N, Director, Product Engineering, Ethnus Technologies Pvt Ltd, Bangalore.



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2. Sudheendra, Director, Datalore labs Pvt Ltd, Bangalore.

Number of participants: 8th semester, 113 students

Vision: It provides a national platform for students to showcase their talents in hardware, software and paper presentation competitions, displaying cutting edge technology and research.

Identification and addressing the GAP: Adopting the current technologies and modern tools for designing and modelling engineering activities.

Measurable outcomes: Symposiums enhance the technical knowledge of students and provide them a platform to exhibit their talents. It helps students to identify and understand the various aspects of their domain which provides opportunities for them to develop their versatility and charisma in the divergent facet of their growth.