

**Activities conducted under professional bodies:**

<b>Events Organized in the CAY(2019-2020)</b>					
<b>Sl. No</b>	<b>Type of Activity</b>	<b>Topic</b>	<b>Date(s) of Activity</b>	<b>No of Students participants</b>	<b>Relevance to POs &amp; PSOs</b>
1.	Exhibition	World Blood Donation Camp	14-6-2019	10	PO6, PO8, PO12
2.	Exhibition	International Yoga Day	21-6-2019	180	PO8, PO6,
3.	Workshop	IOT and BLOCKCHAIN	3-6-2019 to 9-6-2019	50	PO3,PO4,P05, PSO2
4.	Workshop	MSTP	20-08-2019 to 28-02-2020	15	PO3,PO4,P05.PSO1
5.	Workshop	Problem Solving Skills Using C	2-09-2019 to 7-09-2019	54	PO2, PO3,PO4, PO5,PSO1
6.	Seminar	Positive Thinking	7-09-2019	80	PO6,PO8, P012,
7.	Seminar	Cyber security	22-10-2019	80	PO3,PO5, PSO1,PSO2
8	Guest Lecture	Deep Learning And AI	16-12-2019	60	PO3,PO5, PSO1,PSO2
9.	Workshop	Women Entrepreneurship -IT As Enabler – Digital India	25-11-2019	80	PO6,PO8, PO12
10.	Guest Lecture	Multi architecture and programming	22-02-2019	50	PO2,PO3,PO5, PSO1,PSO2
11	Exhibition	Technical Fest 2020	6-03-2020 to 7-03-2020	-	PO6,PO8, PO12
12	Workshop	Game Developing Using BUILDBOX	17-03-2020 to 19-03-2020	54	PO2,PO4,P05, PSO1
13	Workshop	Python Programming	18-03-2020 to 20-03-2020	54	PO3,PO5, PSO1,PSO2,PO3,PO4, P05, PSO2
14	Competition	Live models	4-01-2020	30	PO4,PO5,PO9, PSO1,PSO2
15	Competition	Idea presentation	4-01-2020	65	PO4,PO5,PO9, PSO1,PSO2
16	Competition	Poster presentation	4-01-2020	50	PO4,PO5,PO9, PSO1,PSO2

**Table B.4.6.1c**

<b>Events Organized CAYm1(2018-2019)</b>					
<b>Sl. No</b>	<b>Type of Activity</b>	<b>Topic</b>	<b>Date(s) of Activity</b>	<b>No of Student participants</b>	<b>Relevance to PO's &amp; PSO's</b>
1.	Workshop	Workshop on Higher Education (webinar)	22-06-2018	8	PO2, Po3, PO6, PO8, PSO1
2.	Workshop	SCALE	26-07-2018 to 28-07-2018	10	PO2, PO4, P05, PO9, PSO1
3.	Workshop	Mean stack workshop	16-08-2018 to 18-08-2018	54	PO2, PO4, P05, PSO1
4.	Workshop	A Three-Day Workshop On "Internet of Things"	28-08-2018 to 30-08-2018	50	PO2, PO4, P05, PSO1
5.	Workshop	Google Android Developer phase -2	21-10-2018 to 23-10-2018	20	PO4,P05, PSO1
6.	Workshop	Gamification with AR & VR – Build box	26-12-2018	15	PO2, PO4, P05, PSO1
7.	Workshop	Game development and game design workshop	7-01-2019	50	PO2, PO4, P05, PSO1
8.	Guest Lecture	Technical Talk on Machine Learning	12-02-2019	54	PO2, PO4, P05, PSO1
9.	Seminar	Motivational Talk on Developing Employability Skills	13-02-2019	50	PO6, PO8, PSO2
10.	Guest Lecture	Motivational Talk On Student Start-up Within The College	13-02-2019	46	PO6, PO8, PSO2
11.	Seminar	Technical Talk on OOPs Concepts	22-02-2019	45	PO2, PO4, P05, PSO1
12.	Workshop	Problem Solving Skills Using C	18-02-2019 to 23-02-2019	54	PO3, PO4, P05, PSO1
13.	Competition	Artsy Lens	13-02-2019	50	PO4,P05,PO9, PSO1,PSO2
14.	Competition	Poster presentation	13-02-2019	50	PO4,P05,PO9, PSO1,PSO2
15.	Competition	Paper presentation	13-02-2019	50	PO4,P05,PO9, PSO1,PSO2
16.	Competition	Live Models	13-02-2019	30	PO4,P05,PO9, PSO1,PSO2

**Table B.4.6.1d**

<b>Events Organized CAYm2(2017-2018)</b>					
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Sl. No	Type of Activity	Topic	Date(s) of Activity	No of Student participants	Relevance to PO's & PSO's
1.	STP	IOT Certification (Coursera + APSSDC)	8-05-2018 to 14-05-2018	3	PO1,PO2,PO3,PO4, P05, PSO1
2.	Workshop	A Three-Day Workshop On “ethical Hacking”	17-08-2017 to 19-08-2017	50	PO2,PO4,P05,PO8, PSO1
3.	Workshop	A Three-Day Workshop On “ Cloud Computing”	28-08-2017 To 30-08-2017	50	PO4,P05, PSO1
4.	Seminar	A seminar on Different types of testing in software	22-09-2017	80	PO2,PO4,P05, PSO1
5.	Workshop	Problem Solving Skills Using C	2-09-2017 to 7-09-2017	45	PO1,PO2, PSO1
6.	workshop	Google android Developer Phase - 1	7-12-2017 to 9-12-2017	20	PO4,P05, PSO1
7	Guest Lecture	Effective self-management	13-12-2017	55	PO3,PO5, PO10, PSO1,PSO2
8	Guest Lecture	Women-health and hygiene	13-12-2017	60	PO3,PO5, PO10, PSO1,PSO2
9	Guest Lecture	Current trends in the IT Sector	13-12-2017	55	PO3,PO5, PO10, PSO1,PSO2
10.	Seminar	A Seminar on OOPs Concepts	27-02-2018	48	PO1,PO2, PSO1
11.	Seminar	Personality development Program	17-03-2018	50	PO3,PO5, PO10, PSO1,PSO2
12.	Seminar	Every end has a new beginning	17-03-2018	60	PO3,PO5, PO10, PSO1,PSO2
13.	Competition	Science quiz	13-12-2017	40	PO4,PO5,PO9, PSO1,PSO2
15.	Competition	Story writing	13-12-2017	40	PO4,PO5,PO9, PSO1,PSO2
16.	Competition	Words in words	13-12-2017	40	PO4,PO5,PO9, PSO1, PSO2

**Table B.4.6.1**

## Photos of Seminar/Workshop

The Following are the Activities conducted under professional bodies with some photographs

### 1. Workshop on SCALE (IUCEE)

A workshop on “SCALE (IUCEE)” in Association with APSSDC-Events Organized by Institution of Engineers (IE) dates from 26.06.2018 to 28.06.2018

Resource Persons: Shreya Adabala, Sanket Dhadke, Rafae Shaik, Hashmitha Rani



Fig 1.1 Motivating Lecture by Shreya Adabala



Fig 1.2 Technical speech by Sanket Dhadke

### Objectives of the Workshop:

The Workshop is conducted with an objective to improve engineering education, in connection with academia and industry, through empowering and fostering students as means of a positive change in local societies, instilled with pragmatic efforts aimed at creating holistic value.

### Key points from Presentation:

- Achieving a strong and potential student network, where students all over the country can collaborate and contribute towards engineering education and development, while carrying forward the ethos of the organization.
- Conduct & implement valued student-oriented workshops. Establish a strong collaboration with industries, providing sustainable support to the student community.

## 2. Mean Stack Workshop

A workshop on “Mean stack workshop” in association with Brain O Vision Events Organized by Institution of Engineers (IE) on dates from 16.08.2018 to 18.08.2018

Resource persons: Mr Intiaz Mehendi, Software Programmer



Fig 2.1 Mean Stack Inaugural Function



Fig 2.2 Hands on Experiments by Mr. Intiaz Mehendi

### Objectives of the Workshop:

The Workshop is conducted with an objective to improve the technical skills of the students as a full stack developer, in connection with academia and industry, through empowering and fostering students as means of positive change in local societies, instilled with pragmatic efforts aimed at creating holistic value.

### Key points from Presentation:

- Interacting with the Industry experts for knowing the scope of the Software Engineers in the near future.
- Provides a hands on, real world exercises to help in building solid development techniques into their workflow
- Getting hands on Experience on various Software applications tools related to Mean Stack.
- Developing their own applications at the end of the workshop using Express, MongoDB, Angular JS tools.

### 3. A Three-Day Workshop on “Internet of Things”

“A Three-day Workshop On “Internet of Things” in association with Brain O Vision Events Organized Institution of Engineers india(IEI) dates from 28.08.2018 To 30.08.2018

Resource Person: Mr. Bharat Golgani, Program Developer



**Fig 3.1 Best IOT Projects got Merit Certificates to Students**

#### **Objectives of the Workshop:**

The Workshop is conducted with an objective to improve the technical skill of the students so that they can be aware of the skills required to convert the IoT product idea into a working prototype. In addition to that, encouraging them to be the entrepreneurs and innovators and fostering them as means of a positive change in local societies, instilled with pragmatic efforts aimed at creating holistic value.

#### **Key points from Presentation:**

- Current job opportunities of embedded industries
- Understanding the new skills required in a new employee, embedded industry
- Conduct & implement valued student-oriented workshops.
- In depth knowledge on design, construction and programming concepts involved in building different embedded devices and interacting with renowned industry experts.



#### 4. Game Development & Game Designing Workshop

A workshop on “Game Development & Game Designing Workshop” in Association with APSSDC-Events on dates from 26-12-2018

Resource Person: Mr. G Ravi Kishore



Fig 4.1 APSSDC Buildbox Gaming Workshop

#### Objectives of the Workshop:

The Workshop is conducted with an objective to improve technical skills of the students and attract them more towards the gaming industry.

#### Key points from Presentation:

- Students should be able to develop their own game using the skills provided during the workshop.
- Have practical hands on experience in the various tools used for gaming.

## 5. Computational Thinking and Problem-Solving Skills Using C

A workshop on “Computational Thinking and Problem-solving Skills Using C)” in Association with APSSDC-Events Organized Institution of Engineers (IE) dates from 18.02.2019 to 23.02.2019.

Resource Person: Ms. Narmada Mani, Ms. Lalitha Devi



Fig 5.1 Computational Thinking and Problem-Solving Skills Using C got Merit Certificate

### Objectives of the Workshop:

The Workshop is conducted with an objective to improve engineering education, in collaboration with academia and industry, through empowering and fostering students as means of a positive change in local societies, instilled with pragmatic efforts aimed at creating holistic value.

### Key points from Presentation:

- Achieving a strong and potential student network, where students all over the country can collaborate and contribute towards engineering education and development, while carrying forward the ethos of the organization.
- Providing sustainable support to the student community with hands on technical support wherever needed



## 6. Seminar on Student Start-up Awareness

A Seminar on Student Start-up awareness Program organized by RAMPANTS on 13 /02/2019. Speaker: Mrs. Sai Mounika Kota Co-Founder Creators Zone.



Fig 6.1 Seminar on Student Start-up Awareness by SaiMounika Kota

### Objectives of the seminar:

The seminar is conducted with an objective to kindle the passion in students to become entrepreneurs. Students should be encouraged to become job providers rather than job seekers.

### Key points from Presentation:

Start-up planning

Start-up pitching

Learn to connect and form a customer base

## 7. Seminar on Student Developing Employability Skills

A Seminar on Developing Employability Skills organized by RAMPANTS on 13/02/2019

Speaker: Dr Obulpathi Challa Founder and CEO, Moonshots Company, Rushikonda, Visakhapatnam.



Fig 7.1 Seminar on Student Start up Awareness Program: Dr ObulpathiChalla

### Objectives of the seminar:

The seminar is conducted with an objective to develop an understanding of the employability skills needed.

### Key points from Presentation:

- Analyse a variety of perspectives on employability
- What employability means in different organizations
- Employability skills required for the students
- How to increase the development of employability skills.

## 8. Seminar on Multi Architecture and Program

A Seminar on Multi Architecture and Program on organized by RAMPANTS on 22/02/2019

Speaker: Mrs Alapati Praveen Kumar.



Fig 8.1 Seminar on Multi Architecture and Program by Alapati Praveen Kumar

### Objectives of the seminar:

The seminar is conducted with an objective of exploring new exciting world of multi-core processors and architectures in the area of super and high-performance computing.

### Key points from Presentation:

- Architecture
- Programming models
- Applications and algorithm