



**SAPTHAGIRI COLLEGE OF ENGINEERING  
BENGALURU-560057**

(Accredited by NAAC with "A" grade)  
( An ISO 9001:2015 & ISO 14001:2015 Certified Institution)  
(Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)



**DEPARTMENT OF MECHANICAL ENGINEERING  
(NBA Accredited)**

**List of Events /activities conducted in December – 2021**

Sl.No.	Name of Activity	Date	Page No.
1	Distribution of Certificates to Winner and participants of Design Contest	03/12/2021	1-3
2	Technical talk on "Current Trends in Mechanical & Manufacturing Industries"	03/12/2021	4- 5
3	Motivational talk on " Creating Entrepreneurs"	16/12/2021	6-11
4	Segregation of unused papers from old blue books for donating to school children through NSS	18/12/2021	12-13
5	Induction and Orientation Program for First Semester students 2021-22 batch.	18/12/2021	14-15
6	Alumni talk on, " Tips to Excel in Academics for a Successful Career"	26/12/2021	16-18



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*Type of event/activity	<b>Prize / Certificate Distribution</b>
Name/Title of the Activity/Event	<b>Distribution of Certificates to Winner and participants of Design Contest held on Engineers Day</b>
Date of Organization	03/12/2021
Venue (with address)	Sapthagiri College of Engineering
Organized by	Department of Mechanical Engineering in association with Autodesk ATC CAD Centre.
Objectives of the event/activity	<ol style="list-style-type: none"> <li>1. To appreciate the winners / participants of contest</li> <li>2. To motivate other students to participate in such contests.</li> <li>3. To motivate the students to develop skills in the area of Design engineering.</li> <li>4. To orient the students on various contests held for Mechanical Engineering students.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	67 Students from 7 <sup>th</sup> Semester Mechanical Engineering attended the event.
Mention organized /participated/attended	67 Students from 7 <sup>th</sup> Semester Mechanical Engineering attended the event.

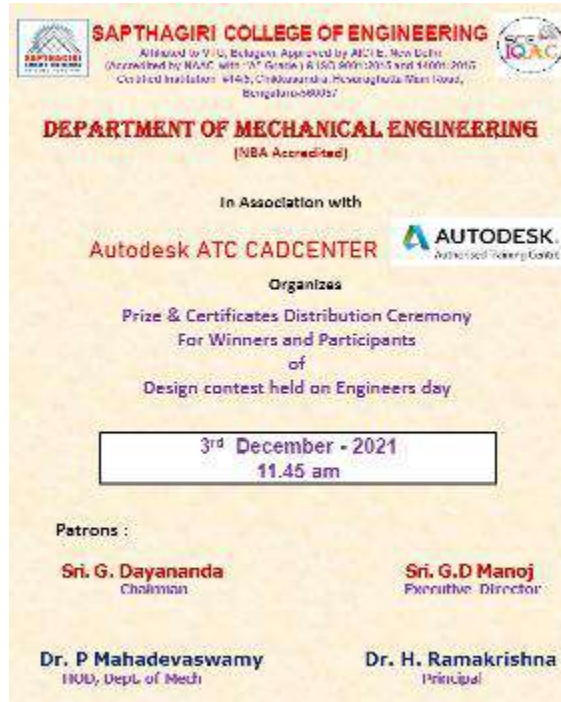
**Event Description:**

Department of Mechanical Engineering in association with Autodesk ATC CAD Centre organized an event of, Distribution of Certificates to Winner and participants of Design Contest held on Engineers Day on 03/12/2021. Yeshvanth B.G of 7<sup>th</sup> Semester Mechanical Engineering was awarded with cash prize and other students who participated in the contest were awarded with appreciation certificates. Around 67 Students from 7<sup>th</sup> Semester Mechanical Engineering attended the event.

**Images: Enclosed**

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
03							02		02		03

**\*Type of activity: Prize / Certificate Distribution**





**Prize Distribution to Winner**



**Encouraging all the students to Participate inContests**

**Type of activity: Prize / Certificate Distribution**

**Signature of the HOD**

Date of Submission: 04/01/2022



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*Type of event/activity	<b>Technical Talk</b>
Name/Title of the Activity/Event	Technical talk on “ <b>Current Trends in Mechanical &amp; Manufacturing Industries</b> ”
Date of Organization	03/12/2021
Venue (with address)	College campus – Sapthagiri College of Engineering
Organized by	Department of Mechanical Engineering in association with Autodesk ATC CAD Centre.
<u>Objectives of the event/activity</u>	<ol style="list-style-type: none"> <li>1. Orient the students on the trends in Mechanical and Manufacturing industries.</li> <li>2. To motivate the students to develop skills needed for Mechanical &amp; Manufacturing industries.</li> <li>3. To expose the students on the scope / opportunities in Mechanical and Manufacturing industries.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	104
Mention organized /participated/attended	62 Students of 7 <sup>th</sup> Semester Mechanical Engineering and 42 students from 5 <sup>th</sup> semester participated in the talk.

**Event Description:**


Department of Mechanical Engineering in association with Autodesk ATC CAD Centre organized a Technical talk on “**Current Trends in Mechanical & Manufacturing Industries**” on 03/12/2021. The speaker Mr. Vishwas K Vishwanathan, operations and Marketing Manager, Autodesk ATC CAD Centre, Oriented the students on the latest trends in Mechanical and Manufacturing industries and motivated the students to develop skills needed for Mechanical & Manufacturing industries. He also explained in detail the scope / opportunities in Mechanical and Manufacturing industries. The talk was attended by 62 Students of 7<sup>th</sup> Semester Mechanical Engineering and 42 students from 5<sup>th</sup> semester.

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 Co-located Institute - IITB, Chikballanur, Hosur, Bangalore Main Road,  
 Bangalore-560027

**DEPARTMENT OF MECHANICAL ENGINEERING**  
 (NBA Accredited)  
 In Association with  
**Autodesk ATC CADCENTER** **AUTODESK.**  
 Autodesk Training Center  
 Organizes

A Technical Talk on,  
**"Current Trends in Mechanical & Manufacturing Industries "**

Resource Person :



**Viswas K Viswanathan**  
 Operation & Marketing manager, Autodesk ATC CAD  
 CENTER, Bangalore

**3<sup>rd</sup> December - 2021**  
**12.00 Noon**

Patrons :

**Sri. G. Dayananda** Chairman  
**Sri. G.D Manoj** Executive Director

**Dr. P Mahadevaswamy** HOD, Dept. of Mech  
**Dr. H. Ramakrishna** Principal

**Images:**



**Mapping of Event outcomes with POs**

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
03							02		02		03

**\*Type of activity: Technical Talk**

**Signature of the HOD**

Date of Submission: 04/01/2022



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*Type of event/activity	<b>Motivational Talk</b>
Name/Title of the Activity/Event	Motivational talk on “ Creating Entrepreneurs”
Date of Organization	16/12/2021
Venue (with address)	SAPTHAGIRI COLLEGE OF ENGINEERING
Organized by	Department of Mechanical Engineering in association with Indian Institution of Industrial Engineering, (IIIE) Bangalore chapter.
Objectives of the event/activity	<ul style="list-style-type: none"> <li>➤ To Orient the students on the need / scope of being entrepreneurs</li> <li>➤ To motivate students to develop communication / leadership skills to become successful entrepreneur.</li> <li>➤ To orient the students on the success stories / achievements of successful entrepreneurs.</li> <li>➤ To create opportunity to interact / discuss about the schemes / support given by organizations.</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	125
Mention organized /participated/attended	Around 125 students from 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester Mechanical Engineering students participated in the talk.

**Event Description:**

Department of Mechanical Engineering in association with Indian Institution of Industrial Engineering, (IIIE) Bangalore chapter organized a Motivational talk on “Creating Entrepreneurs “on 16/12/2021 in seminar hall Sapthagiri College of Engineering. The event was inaugurated by Dr.Ramakrsishna.H, Principal, Sapthagiri College of Engineering, Head of Department Dr.P.Mahadevaswamy and Guests of honor, Mr.M.K.Krishna, Cdr. M.S.Srikant and Mr.K.Balasubranya. The speaker Mr.M.K.Krishna oriented the students on the need / scope of being entrepreneurs and motivated them to develop communication / leadership skills to become successful entrepreneur. He also highlighted on the success stories / achievements of successful entrepreneurs and provided an opportunity to interact / discuss about the schemes / support given by organizations.

**Images: Enclosed**

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi  
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Certified Institution: IT 45, Chikkasandra, Hesarghatta Main Road,  
Bengaluru-560057

**DEPARTMENT OF MECHANICAL ENGINEERING**  
(NBA Accredited)

In Association with

**INDIAN INSTITUTE OF INDUSTRIAL ENGINEERING, (IIIE) BC**  
Organizes a Motivational Talk on,

**'Creating Entrepreneurs'**  
Resource Person:

**Mr. M.K.Krishna**  
Advisor & Trainer -Knowledge Management,  
Consultant , KPMG-COMBINE

Guests of Honor:

**Dr. B. Ravishankar**  
Chairman, IIIE, BC  
&  
**COMMANDER M S SRIKANT**  
Hon Treasurer, IIIE BC

16<sup>th</sup> December - 2021 at 11.00 am

Patrons :

**Sri. G. Dayananda**  
Chairman  
**Dr. P Mahadevaswamy**  
HOD, Dept. of Mech

**Sri. G.D Manoj**  
Executive Director  
**Dr. H. Ramakrishna**  
Principal



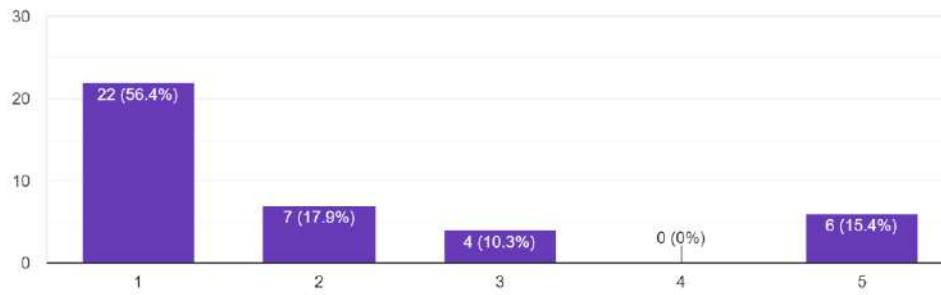




## Feedback on the Motivational Talk

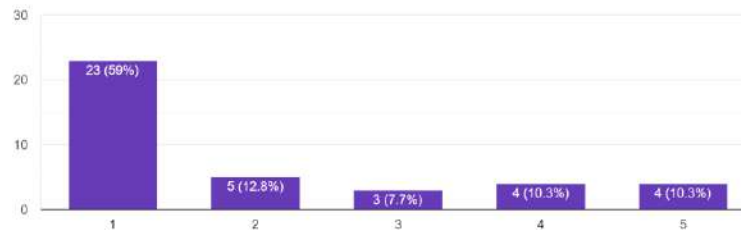
To what extent the topic on "Creating Entrepreneurs " is appropriate in the present context?

39 responses



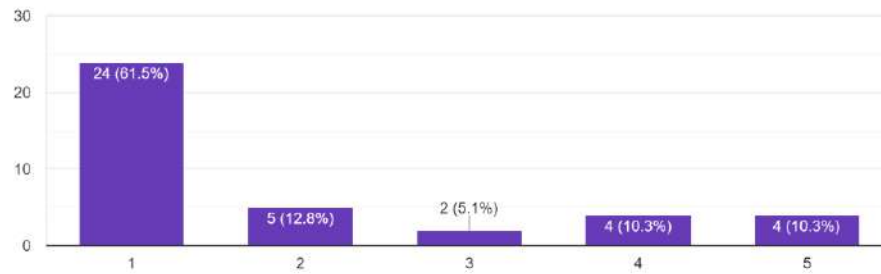
Did you find activities conducted useful in enhancing confidence?

39 responses



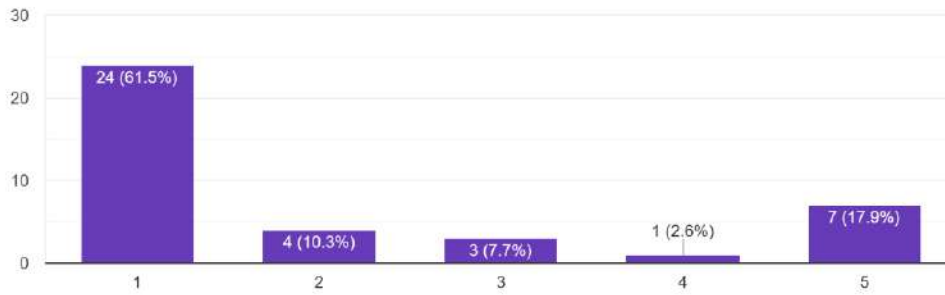
To what extent speaker was able to motivate you towards becoming an entrepreneur ?

39 responses



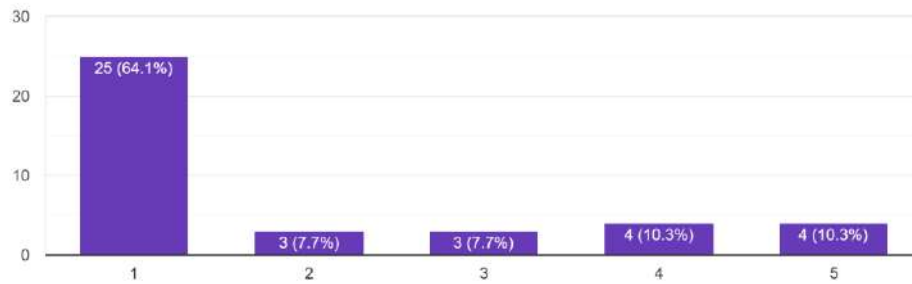
Was the speaker able to give relevant information needed towards becoming entrepreneur ?

39 responses



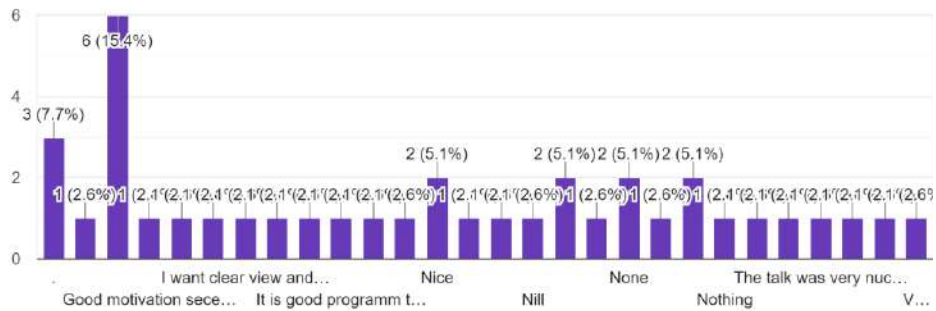
Do you want the department to organize more such motivational talks ?

39 responses



Your valuable remarks for further improvements

39 responses



PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3				2			2		2		03

**\*Type of activity: Motivational Talk**

**HOD, Dept. of ME**

Date of Submission: 04/01/2022



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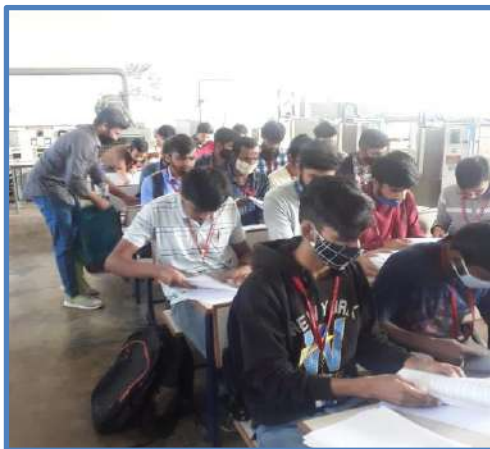


*Type of event/activity	<b>Segregation of unused papers</b>
Name/Title of the Activity/Event	Segregation of unused papers from old blue books for donating to school children through NSS
Date of Organization	18/12/2021
Venue (with address)	SAPTHAGIRI COLLEGE OF ENGINEERING
Organized by	Department of Mechanical Engineering in association with NSS Club, SCE.
Objectives of the event/activity	<ul style="list-style-type: none"> <li>➤ To Orient the students on the need of serving the rural school children.</li> <li>➤ To motivate students to contribute towards society requirements.</li> <li>➤ To create awareness in students helping the poor and promote education rights of children.</li> <li>➤ To segregate the unused papers for useful purpose.</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	42
Mention organized /participated/attended	Around 42 students from 5 <sup>th</sup> Semester Mechanical Engineering participated in the good cause.

**Event Description:**

An activity to help the poor children in rural places was organized by department of Mechanical Engineering. Unused white sheets were segregated from old blue books and collected as per the instructions from NSS Club. Around 42 students from 5<sup>th</sup> Semester Mechanical Engineering participated in the good cause. This activity was conducted to orient the students on the need of serving the rural school children. Also to motivate students towards contribute towards society requirements. Also the activity helped them to create awareness in students helping the poor and promote education rights of children by segregate the unused papers for useful purpose.

**Images: Enclosed**



P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
3				2			2		2		03

**\*Type of activity: Segregation of Unused Papers**

**HOD, Dept. of ME**

Date of Submission: 04/01/2022



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*Type of event/activity	Orientation Talk
Name/Title of the Activity/Event	Induction and Orientation Program for First Semester students 2021-22 batch
Date of Organization	18/12/2021
Venue (with address)	Sapthagiri College of Engineering – on-line
Organized by	Department of Mechanical Engineering
Objectives of the event/activity	<ul style="list-style-type: none"> <li>➤ To orient the students on the department infrastructure, staff and other resources.</li> <li>➤ To expose the students on the department performance and achievements.</li> <li>➤ Motivate students to develop skills in addition to good performance in academics.</li> <li>➤ To encourage students to make best use of available resources and look for holistic development.</li> </ul>
Participants (Please attach list of participants, if it is organized / conducted in the dept.)	<b>15</b>
Mention organized /participated/attended	15 Students for 1 <sup>st</sup> Semester Mechanical Engineering participated in the event.

**Event Description:**

An induction and Orientation Program for First Semester students 2021-22 batch students was organized on 18/12/2021 online. Professor & Head of department, of Mechanical Engineering addressed the students on-line and oriented students on the infrastructure of the department and other facilities. He also highlighted on the department performance and achievements and Motivated students to maintain discipline and perform well in the academics. He also insisted students to develop skills needed get placement in reputed industries. Also he encouraged students to make best use of available resources and look for holistic development.

**Images:**



### Achievements of Department

First batch of Sapthagiri got rank from Mech Dept  
 University ranks :04  
 Gold medal(Girl):01  
 Best projects awards-KSCST  
 Innovative Projects published in Media  
 Go-kart-Participation  
 MOUs-08  
 Patent filed -02

Sapthagiri College of Engineering , 18/12/2021

### University Ranks & Gold medal

Name	Rank	Year
Siddalingaswamy	10 <sup>th</sup>	2005
Santhosh Kumar	3 <sup>rd</sup>	2008
Nikhil C	10 <sup>th</sup>	2011
Varsha D	5 <sup>th</sup>	2018
Shashank R	2 <sup>nd</sup>	2020

Varsha.D has received gold medal

### Infrastructure/Facilities

The dept is having sufficient number of labs required as per VTU curriculum  
 Each class rooms & CAD Labs are having LCD projector and screen

Sapthagiri College of Engineering , 18/12/2021

### Placement : Companies visited

Sapthagiri College of Engineering , 18/12/2021

Mapping of outcome of events with Program outcome:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
03				02			02		02		03

**\*Type of activity: Technical Talk**

**Signature of the HOD**

Date of Submission: 04/01/2022



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*Type of event/activity	<b>Alumni Talk</b>
Name/Title of the Activity/Event	Alumni talk on, “ <b>Tips to Excel in Academics for a Successful Career</b> ”
Date of Organization	26/12/2021
Venue (with address)	Department of Mechanical Engineering Sapthagiri College of Engineering – on-line.
Organized by	Department of Mechanical Engineering
Objectives of the event/activity	<ul style="list-style-type: none"> <li>➤ To orient the students on the need of good performance in academics.</li> <li>➤ To encourage students to be punctual, disciplined and perform Well in academics.</li> <li>➤ To encourage students to develop competitive Skills.</li> <li>➤ To build confidence in students about the opportunities / career development choices available.</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	15
Mention organized /participated/attended	15 students form 1 <sup>st</sup> Semester Mechanical Engineering participated in the talk.


**Description of Event:** Alumni talk on; “**Tips to Excel in Academics for a Successful Career**” was organized by the department of Mechanical Engineering on 26/12/2021 for first semester Mechanical Engineering students. The speaker Mr. Ajeya Vishwanath who is an alumnus from 2019 branch, is presently working as Engineer, testing, in VFISLK Global Services Pvt. Ltd. Bengaluru. The speaker oriented the students on the need of good performance in academics and also encouraged them to be punctual, disciplined and to perform well in academics. Also he encouraged students to develop competitive Skills to build confidence which will create more opportunities for a bright career.



## Images:



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Certified Institution #14/5, Chikkasandra, Hesarghatta Main Road,  
Bengaluru-560057



**DEPARTMENT OF MECHANICAL ENGINEERING**  
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Organizes a Alumni Talk on ,

### ‘Tips to Excel in Academics for Successful Career’

Under Induction Program 2021-22


Resource Person:

**Ajeeya Vishwanath. B.E**  
(2019 Batch Alumnus of Dept. of ME, SCE)  
Engineer testing, VFISLK Global Services PVT Ltd.




**21<sup>st</sup> December - 2021 at 11.00 am**


Patrons :




Sri.G.Dayanand  
Chairman



Sri.G.D.Manoj  
Executive Director



Dr.H.Ramakrishna  
Principal



Dr.P.Mahadevaswamy  
HOD

## **ALUMNI TALK- AJEYA VISHWANATH** ALUMNI, SCE (2015-19)

### **About SCE**

- B.E. Mechanical Engineering (2015-2019).
- Currently working at VFI SLK Global Services Pvt. Ltd (IT Service Provider).
  
- NAAC & NBA Accredited College.
- Plan to set-up Industrial Labs and collaboration with various industries.
- Excellent teaching professionals.
- Project Sponsorship – KSCST.
- Support for Academic Excellence – Technical Papers, Research based projects & more.

## **SYLLABUS**

- First Year – All Subjects.
- Domain-wise study from 2<sup>nd</sup> year onwards.
- Mini-projects from 3<sup>rd</sup> year onwards.
- Main project during the 4<sup>th</sup> year.
- Technical Seminars, Paper Presentations, Technical Events & more.
- Internships.

## **Significance**

- Domain Knowledge
- Collaboration - Project
- GATE/IES
- Interviews

## **Career & Study Opportunities**

- Job – Domain Based/Shift in Domain (say IT)
- Higher Studies - M.Tech/M.S/MBA
- Apprenticeship in various institutions (Research Associate).
- Entrepreneurship

## **Overall Profile**

- Co-curriculars & extra curricular activities
- Additional Courses (say CADD - Nx)
- Participation in various technical forums
- Building a research paper based on your project
- Participation in various college events – Fests, NSS

### **Mapping of outcomes of event with Program Outcomes**

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3				2					2		3

**\*Type of activity: Quiz**

**Signature of the HOD**

Date of Submission: 04/01/2022