**Initiatives related to industry interaction**

Department of CSE has continuous interaction with various software and research organizations at several levels in order to continuously improve the teaching learning process, fill gaps in the curriculum, etc.

**Industry supported laboratories**

- The department of CSE has MOU with CISCO and established a Laboratory to conduct various certification courses like IT Essentials and CCNA in our college.
- The Department has a MOU with Oracle academy to conduct various certification courses like Java Fundamentals & Java Programming skills and Database Design & Programming with SQL.

| SNO | Company Name | Date | Time Period |
|-----|--------------|------|-------------|
| 1 | CISCO | 26.08.2016 | 3 years |
| 2 | Oracle Academy | 15.10.2015 | 6 years |

Table B.2.2.4.1 MOU's with Industries

The following table shows the Training activities by CISCO and ORACLE in last two academic years

2017-2018

| Company | Dates From | Dates To | No of students Trained | Type of Lab | Objective | PO's Met (Effectiveness) |
|---------|-----------|----------|------------------------|-------------|-----------|--------------------------|
| CISCO Academy | 21.1.2018 | 30.4.2018 | 120 | CPA: Programming Essentials in C++ | Train students to learn the basics of programming in the C++ language, and the fundamental notions and techniques it uses. | PO1,PO2,PO3,PO5,PO9,PO10,PO12, PSO1,PSO2 |
| Oracle Academy | 5.02.2018 | 30.4.2018 | 120 | Java Fundamentals & Java Programming skills. | Train students in Java Fundamentals and helps to advance Java programming skills. Students will design object-oriented applications with Java and will create Java programs using hands-on, engaging activities. | PO1,PO2,PO3,PO5,PO9,PO10,PO12, PSO1,PSO2 |

| Oracle Academy | 8.01.2018 | 30.4.2018 | 120 | Database design & Programming with SQL | Train students to analyze complex business scenarios, design and create data models, and create databases using SQL. Oracle SQL Developer utilized to provide practical, hands-on, engaging activities. | PO1,PO2,PO3,PO5,PO9,PO10,PO12, PSO1,PSO2 |
| --- | --- | --- | --- | --- | --- | --- |
| CISCO Academy | 9.10.2017 | 30.4.2018 | 80 | IT Essentials | Train students to describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. | PO1,PO2,PO3,PO5,PO9,PO10,PO12, PSO1,PSO2 |

Table: List of Training activities by CISCO and ORACLE for AY 2017-2018

2016-2017

| Company | Dates From | Dates To | No of students Trained | Type of Lab | Objective | PO's Met (Effectiveness) |
| --- | --- | --- | --- | --- | --- | --- |
| Oracle Academy | 20.1.2017 | 31.3.2017 | 65 | Database design & Programming with SQL | Train students to analyze complex business scenarios, design and create data models, and create databases using SQL. Oracle SQL Developer utilized to provide practical, hands-on, engaging activities. | PO1,PO2,PO3,PO5,PO9,PO10,PO12, PSO1,PSO2 |
| CISCO Academy | 26.9.2016 | 18.2.2017 | 80 | IT Essentials, | Train students todescribe the internal componentsof a computer, assemble a computer system, installan operating system, andtroubleshoot | PO1,PO2,PO3,PO5,PO9,PO10,PO12, PSO1,PSO2 |

| | | | | | using systemtools and diagnostic software. | |
|---|---|---|---|---|---|---|

Table: List of Training activities by CISCO and ORACLE for AY 2017-2018

**Industry involvement partial delivery of any regular courses for students**

- Matrusri Engineering College, affiliated to Osmania University, follows the University approved curriculum. The curriculum is revised by Board of Studies, Osmania University, and every four years keeping in view the changing trends or technology.
- The Board of studies also comprises of industry experts as special invitees. Any changes in the technology and based on the current requirements of the industry, the industry experts suggest the changes/addition in the curriculum to BOS.
- Based on the recommendations of the industry experts the BOS will modify the curriculum.
- The experts from the Industry & Research institutes are also invited to deliver the part of the contents of the regular courses.
  The following Table shows the Guest Lectures/Seminars/workshops conducted in last three years

2017-18

| S.No. | Name of the Program | Date | Resource Person with Designation | Relevance to POs, PSOs |
|---|---|---|---|---|
| 1 | Seminar on"Software Testing Methodologies" | 15/03/2018 | Mr.SatyanarayanaPerupu, Test Manager, Test Manager, Virtusa | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 2 | One day workshop on "Deep Learning" | 12/03/2018 | Mr.Subba Reddy oota, Data Scientist, Tera Data | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 3 | One day workshop "DevOpps" | 10/01/2018 | Mr.K.Sulaxman, Project Manager, Accenture | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 4 | One day workshop "Content Management Systems" | 30/10/2017 | Mr.Anurag, CEO, Prathva Solutions | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 5 | Seminar on "Android Application Development" | 16/10/2017 | Mr Manish, Developer , Google | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 6 | One day workshop on "Real Time Embedded Systems" | 07/09/2017 | Mr.G.B.R.KapilDev Reddy, Project Manager, AVIN Systems | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |

| | | | | |
|---|---|---|---|---|
| 7 | One day workshop on "Data Science using R" | 31/08/2017 | Dr.A.V.KrishnaPrasad,CSI Member | PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO11, PO12, PSO1, PSO2 |
| 8 | Guest Lecture on "Deep Learning" | 27/07/2017 | Mr.R.KrishnaPradheer, Tera Data | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 9 | Guest Lecture on "DevOpps" | 14/07/2017 | Mr.SaratAddanki, Vice President, Prolifix | PO1, PO2, PO3, PO4, PO5, PO9,PO11, PO12, PSO1, PSO2 |

Table: Guest Lectures/Seminars/workshops for AY 2017-18

2016-17

| S.No. | Name of the Program | Date | Resource Person with Designation | Relevance to POs, PSOs |
|---|---|---|---|---|
| 1 | Two day workshop on "Ethical hacking and Cyber Security" | 24/3/17 to 25/3/17 | Mr.SandeepMudalkar,CEO,Sytech labs | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 2 | Seminar on "Awareness program for studying on higher education in US & Australia" | 23/3/17 | Krishna Mulugu, Managing Director, Bolster Solutions | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 3 | One day workshop on "Machine Learning" | 18/3/17 | Mr. Rajeev RanjanKumar,CSI Secretary | PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO12, PSO1, PSO2 |
| 4 | Seminar on "Data Science Using R" | 25/2/17 | P.V.N BalaramaMurthy,JyothiSnjeeva Man, Skill Fest , TeleUniv.Ltd | PO1, PO2, PO3, PO4, PO5, PO9,PO11, PO12, PSO1, PSO2 |
| 5 | Workshop on "Internet of Things" | 25/2/17 | VinayPatnakar,IIT Bombay | PO1, PO2, PO3, PO4, PO5, PO9, PO11, PO12, PSO1, PSO2 |
| 6 | Seminar on "Trends in Artificial Intelligence" | 24/02/17 | Sainath Gupta, Research Scholar,IIT | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 7 | Workshop on "Discrete Mathematics | 24/2/17 | ChaitanyaDeshpande,CRT | PO1, PO2, PO3, PO4, PO5, PO6, |

| | | | | PO9, PO12, PSO1, PSO2 |
|---|---|---|---|---|
| 8 | Guest Lecture on "Latest trends in networking and security" | 17/2/17 | Mr.Sridharkatta, Golars Network | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 9 | Guest Lecture on "Motivating students towards professional education" | 22/3/17 | Mr.G.K.Karthik, Co Founder, YGK Academy | PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO12, PSO1, PSO2 |
| 10 | Two day workshop on "Machine Learning through Python" | 5/8/2016 to 6/08/2016 | Subba Reddy Oota, Data Scientist,Teradata | PO1, PO2, PO3, PO4, PO5, PO9, PO11, PO12, PSO1, PSO2, |

Table: Guest Lectures/Seminars/workshops for AY 2016-17

2015-16

| S.No. | Name of the Program | Date | Resource Person with Designation | Relevance to POs, PSOs |
|---|---|---|---|---|
| 1 | One day workshop on "Automotive Networks" | 3/3/2016 | Mr.G.B.R.Kapi l Dev Reddy, Project Developer, AVIN Systems,Banglore | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2. |
| 2 | One day workshop on "Cloud Computing" | 8/9/2015 | Mr.AbdulBhari, Freelancer | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2. |
| 3 | Guest Lecture on "Internet of Things" | 03/9/15 | MrPankajDiwan, Founder, Idea Labs | PO1, PO2, PO3, PO4, PO5, PO9,PO11 PO12, PSO1, PSO2. |
| 4 | Workshop on "Emerging Technologies in Real Time Embedded Systems" | 27/8/15 to 28/8/15 | MrAketiRajakrishna, Developer, Juniper Networks | PO1, PO2, PO3, PO4, PO5, PO9, PO11, PO12, PSO1, PSO2 |
| 5 | Seminar on "Internet Security issues" | 4/8/15 | MrSatyaPriyaRavula, Developer, Cognizant | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2 |
| 6 | Seminar on " Big Data" | 25/2/2016 | DrD.V.Ramana, I3Indya | PO1, PO2, PO3, PO4, PO5, PO9, PO12, PSO1, PSO2. |

Table: Guest Lectures/Seminars/workshops for AY 2015-16

**Impact Analysis of industry institute interaction and actions taken there of**

The following Table shows the Impact analysis of industry supported laboratories in last three years

2017-18

| SNO | Company | Type of Lab | Impact Analysis |
|---|---|---|---|
| 1 | CISCO Academy | CPA: Programming Essentials in C++ | Students have been trained in basics of programming in the C++ language which helps in developing projects |
| 2 | Oracle Academy | Java Fundamentals & Java Programming skills. | Students have been trained in Java Fundamentals and helps to advance Java programming skills which helps for them in developing object-oriented applications with Java. |
| 3 | Oracle Academy | Database design & Programming with SQL | Students have been trained to analyze complex business scenarios, design and create data models, and create databases using SQL which helps in developing various database applications. |
| 4 | CISCO Academy | IT Essentials | Students have been trained in networking concepts which helps them to realize projects. |

Table: Impact analysis on Industry supported laboratories for AY 2017-18

2016-17

| SNO | Company | Type of Lab | Impact Analysis |
|---|---|---|---|
| 1 | Oracle Academy | Database design & Programming with SQL | Students have been trained to analyze complex business scenarios, design and create data models, and create databases using SQL which helps in developing various database applications. |
| 2 | CISCO Academy | IT Essentials | Students have been trained in networking concepts which helps them to realize projects. |

Table: Impact analysis on Industry supported laboratories for AY 2016-17

2017-18

| S.NO | Topic | Impact |
|---|---|---|
| 1 | Seminar on software testing methodologies | Students acquired knowledge on various strategies or approaches used to test an application to ensure it behaves and look as expected. |
| 2 | Workshop on Deep Learning | Students acquired knowledge on deep learning as an artificial intelligence function that imitates the workings of the human brain in processing data and creating patterns for use in decision making. |
| 3 | Workshop on DevOpps | Students acquired knowledge on latest technologies and developing applications using them. |
| 4 | Workshop on content management systems | Students got an idea in encompassing system that will help them to create, manage, distribute, publish, and archive all of the content. |

| 5 | Seminar on Android Application Development | Students could highlight the importance of virtualization in cloud computing in computer science. Students could also understand the challenging security issues and design issues on virtualization in cloud computing. |
|---|---|---|
| 6 | Workshop on Real Time Embedded Systems | Students gained knowledge in embedded Linux, kernel classification, and RTOS and exposed to Linux development environment and GUI application development. |
| 7 | Workshop on Data Science using R | Students got an idea how to process data and extract data using R programming |
| 8 | Guest Lecture on Deep Learning | Students acquired knowledge on deep learning as an artificial intelligence function that imitates the workings of the human brain in processing data and creating patterns for use in decision making. |
| 9 | Guest Lecture on DevOpps | Students acquired knowledge on latest technologies and developing applications using them. |

Table: Impact analysis of Guest Lectures/Seminars/workshops AY 2017-18

2016-17

| S. No. | Topic | Impact |
|---|---|---|
| 1 | Workshop on Ethical Hacking and Cyber Security | Students acquainted about the anti-virus, anti-spam, and anti-spyware tools currently available and also internet security techniques, firewalls etc. |
| 2 | Seminar on Awareness program for studying on higher education in US & Australia" | Students gained knowledge about foreign studies. |
| 3 | Workshop on Machine Learning | Students acquired knowledge of latest trends in the area of machine learning and understood implementation aspects which are commonly used in machine learning. |
| 4 | Seminar on Data Science Using R | Students got an idea how to process data and extract data using R programming |
| 5 | Workshop on Internet of Things | Students gained knowledge and skill in developing various solutions for solving engineering problems in society. |
| 6 | Seminar on Trends in Artificial Intelligence | Students acquired knowledge of latest trends in the area of artificial intelligence and understood implementation aspects which are commonly used in machine learning. |
| 7 | Workshop on "Discrete Mathematics and its applications " | Students acquired a basic knowledge on discrete mathematics and its uses. |
| 8 | GuestLecture on Latest trends in networking and security technologies | Students got acquainted on fundamentals of networking and security. |
| 9 | Guest Lecture on Motivating Students towards professional Education | Students gained knowledge on professional ethics. |
| 10 | Two Day Workshop on Machine Learning through Python | Students acquired knowledge of latest trends in the area of machine learning, got exposure to different tools and technologies that are applied using python. |

Table: Impact analysis of Guest Lectures/Seminars/workshops AY 2016-17

2015-16

| S.No. | Topic | Impact |
|---|---|---|
| 1 | Workshop on "Machine Learning through Python" | Students acquired knowledge of latest trends in the area of machine learning and got exposure to different tools and technologies that are applied using python. |
| 2 | Workshop on Automotive Networks | Students gained knowledge on issues related to energy savings as a leading application of vehicular |

| | | communications, trust platform for vehicular networking, and intelligent transportation spaces. |
|---|---|---|
| 3 | Workshop on Cloud computing | Students could highlight the importance of virtualization in cloud computing in computer science. Students could also understand the challenging security issues and design issues on virtualization in cloud computing |
| 4 | Guest Lecture on Internet of Things | Students gained knowledge and skill in developing various solutions for solving engineering problems in society. |
| 5 | Workshop on "Emerging Technologies in Real Time Embedded Systems" | Students are equipped with the fundamental concepts and tools of embedded system design and programming, interfacing concepts of ARM processor. |
| 6 | Seminar on "Internet Security issues" | Students gained knowledge on concepts like malicious software, Denial-of-service attacks, phishing, Network layer security issues. |
| 7 | Seminar on BigData | Students learnt different developments in terms of security privacy, cloud's increasing role in data management |

Table: Impact analysis of Guest Lectures/Seminars/workshops AY 2015-16

## Initiative related to industry internship /summer training

## Industrial Visits /Tours for students.

Industrial visits symbolize important activities in any engineering undergraduate program that contribute to the achievement of diverse essential program outcomes. The following Table shows the industrial visits by students in last three academic years.

## Industrial Visits by Students

| Year | Number of Events |
|---|---|
| CAYm1 (2017-18) | 5 |
| CAY m2 (2016-17) | 4 |
| CAYm3(2015-16) | 4 |

Industrial Visits by Students

## 2017-18

| Company Name | Company Sector | Year of the students | Attended Date | No. of students |
|---|---|---|---|---|
| DELOITTE | IT | III | 14th Mar,2018 | 10 |
| INFOSYS | IT | III | 13th Feb,2018 | 40 |
| NUMERIC TECHNOLOGIES | IT | IV | 17th Jan,2018 | 10 |
| CTRL+S | IT | IV | 3rd Oct,2017 | 30 |
| GGK TECHNOLOGIES | IT | III | 22nd Aug,2017 | 30 |

Table:Industrial Visits by Students (2017-18)

## 2016-17

| Company Name | Company Sector | Year of the students | Attended Date | No. of students |
|---|---|---|---|---|
| DELOITTE | IT | III | 8th Mar,2017 | 30 |
| INFOSYS | IT | III | 15th Feb,2017 | 30 |
| TCS | IT | II | 18th Jan,2017 | 30 |

| NUMERIC TECHNOLOGIES | IT | III | 20thSep,2016 | 10 |
|---|---|---|---|---|

Table: Industrial Visits by Students (2016-17)

**2015-16**

| Company Name | Company Sector | Year of the students | Attended Date | No. of students |
|---|---|---|---|---|
| DELOITTE | IT | III | 22nd Jan,2016 | 10 |
| INFOSYS | IT | III | 12Feb,2016 | 20 |
| GGK TECHNOLOGIES | IT | IV | 21st Oct,2015 | 20 |
| TCS | IT | III | 16th July,2015 | 40 |

Table: Industrial Visits by Students (2015-16)

**Industrial/ Internships/ summer training of more than two weeks and post training assessment**

Industrial Training

Students are trained on latest technologies so that they get real time exposure and gain knowledge in terms of Real-world experience with leading-edge technologies. New skills are added to their knowledge base while gaining confidence in their abilities. The following Table shows the industrial training of students in last three years.

Students of CSE department are trained by experts from industry on various topics useful for enhancing skills

| Year | Number of Events |
|---|---|
| CAYm1 (2017-18) | 4 |
| CAYm2 (2016-17) | 3 |
| CAYm3 (2015-16) | 2 |

Table: Number of Industrial Training programs conducted AY-wise

2017-18

| S.NO | Topic | Type of Event | Organized / Resource Person | Dates | Targeted Audience | No.of participants |
|---|---|---|---|---|---|---|
| 1 | DevOpps | Workshop | Mr.K.Sulaxman,Project Manager, Accenture | 10/01/18 | II ,III & IV yr Students | 42 |
| 2 | Deep Learning | Workshop | Mr.SubbaReddy Oota,Data Scientist at Tera Data | 12/03/18 | IV yr Students | 75 |
| 3 | DevOpps | Guest Lecture | Mr.Sarat Addanki,Vice President in Prolifix | 14/07/17 | III,IV yr Students | 22 |
| 4 | Real Time Embedded Systems | Workshop | Mr.G.B.R.Kapil Dev Reddy, Project Manager,AVIN Systems,Banglore | 07/09/17 | IV yr Students | 39 |

Table : Industrial Training (2017-18)

2016-17

| S.NO | Topic | Type of Event | Organized / Resource Person | Dates | Targeted Audience | No.of participants |
|------|-------|---------------|-----------------------------|-------|-------------------|--------------------|
| 1 | Machine Learning through Python | Workshop | Subba Reddy Oota, Data Scientist, Tera Data | 05/08/16 &06/08/16 | III&IV yr Students | 84 |
| 2 | Ethical Hacking and Cyber Security | Workshop | Mr.Sandeep Mudalkar, CEO & Founder of Sytech Labs | 24/03/17 & 25/03/17 | II&III yr Students | 60 |
| 3 | Latest trends in networking and security technologies | Guest Lecture | Sridhar katta, Golars Networks pvt.Ltd., | 17/2/2017 | III&IV yr students | 46 |

Table: Industrial Training (2016-17)

2015-16

| S.NO | Topic | Type of Event | Organized / Resource Person | Dates | Targeted Audience | No.of participants |
|------|-------|---------------|-----------------------------|-------|-------------------|--------------------|
| 1 | Android | Workshop | I3 Indya Technologies | 16/09/15 & 17/09/15 | II yr Students | 135 |
| 2 | Emerging Technologies in Real Time Embedded Systems | Workshop | Aketi Raja Krishna, Juniper Networks | 270/8/15& 280/8/15 | IV yr Students | 62 |

Table B.2.2.5.8 Industrial Training (2015-16)

## Internship of the Students

The following Table shows the Internships details of students in last three years.

| Year | Number of Students |
|------|--------------------|
| CAYm1 (2017-18) | 16 |
| CAY m2 (2016-17) | 12 |
| CAYm3(2015-16) | 9 |

Number of Internships AY-wise

2017-2018

| S.NO. | Company Name | Company Sector | Year of the students | Attended Date | Completed Date | No. of students |
|-------|--------------|----------------|----------------------|---------------|----------------|-----------------|
| 1 | VIRINCHI LTD | IT | II | 11-06-2017 | 29-06-2018 | 2 |

| S.NO. | Company Name | Company Sector | Year of the students | Attended Date | Completed Date | No. of students |
|---|---|---|---|---|---|---|
| 2 | GREENESTEP TECHNOLOGIES PVT.LTD. | IT | IV | 7-06-2017 | 29-06-2017 | 2 |
| 3 | ORACLE | IT | IV | 07-03-2018 | 31-08-2018 | 2 |
| 4 | FACE | IT | IV | 31-03-2018 | 31-06-2018 | 3 |
| 5 | ZOHO | IT | IV | 03-07-2017 | 31-08-2017 | 1 |
| 6 | TSTRANSCO | IT | IV | 10-10-2017 | 10-05-2018 | 4 |
| 7 | TECH MAHINDRA | IT | IV | 9-2-2018 | 8-3-2018 | 1 |
| 8 | HASURA TECHNOLOGIES PVT.LTD. | IT | II | 1-5-2017 | 14-8-2017 | 1 |

Internships AY: 2017-2018

## 2016-2017

| S.NO. | Company Name | Company Sector | Year of the students | Attended Date | Completed Date | No. of students |
|---|---|---|---|---|---|---|
| 1 | CONSIGN DIMENSION | IT | IV | 23-1-2017 | 29-06-2017 | 8 |
| 2 | TCS | IT | IV | 10-2-2017 | 28-4-2017 | 1 |
| 3 | HASURA TECHNOLOGIES PVT.LTD. | IT | III | 3-2-2017 | 28-3-2017 | 3 |

Internships for AY: 2016-2017

## 2015-2016

| S.NO. | Company Name | Company Sector | Year of the students | Attended Date | Completed Date | No. of students |
|---|---|---|---|---|---|---|
| 1 | CONSIGN DIMENSION | IT | IV | 20-12-2015 | 19-05-2016 | 5 |
| 2 | ZOHO | IT | IV | 05-07-2015 | 31-08-2015 | 4 |

Internships AY: 2015-16

## Summer Training

The following tables shows the summer training details in last three years.

| Year | Number Of Participants |
|---|---|
| CAYm1 (2017-18) | 40 |
| CAY m2 (2016-17) | 13 |
| CAYm3(2015-16) | 08 |

Summer Training details Ay-wise

2017-18

| Company Name | Company Sector | Year of the students | Attended Date | No. of students |
|---|---|---|---|---|
| FACE | Skill Development Agency | III | May 2018 | 40 |

Summer Training AY 2017-2018

2016-17

| Company Name | Company Sector | Year of the students | Attended Date | No. of students |
|---|---|---|---|---|
| anveshana.org | IT | III | May 2017 | 4 |
| DRDO | Advanced Systems Laboratory | IV | May 2017 | 3 |
| DRDO | Advanced Systems Laboratory | IV | May 2017 | 3 |
| DRDO | Advanced Systems Laboratory | III | May 2017 | 3 |

Summer Training AY: 2016-2017

2015-16

| Name | Sector | Year of the students | Attended Date | No. of students |
|---|---|---|---|---|
| JNTU Exite | JNTU University | III | May –June 2016 | 08 |

Table B.2.2.5.16 Summer Training details for AY 2015-16

The following Figure B.2.2.5.5 shows the image of the summer training project Smart Ambulance

**Smart Ambulance Project stood in top-10 projects**

**Impact Analysis of Industrial Training**:
Students are trained on latest technologies so that they get real time exposure and gain knowledge in terms of Real-world experience with leading-edge technologies. New skills are added to their knowledge base while gaining confidence in their abilities. Students gain knowledge in terms of

- New technical skills are added.
- Worked on modern tools.
- Learnt various applications.
- Students learn how to integrate theoretical concepts with practical work in engineering environment.

**Impact Analysis of Industrial visits**

Industrial visit helped students to gain the information regarding functioning of the industry. It also provides an opportunity to plan, organize and engage in active learning experiences both inside and outside classroom. It helps students to understand do's and don'ts of the industrial practices.

**Impact Analysis of Student Internship**

Students gain knowledge in terms of

- Real-time experience with leading-edge technologies.
- New skills are added to their knowledge base while gaining confidence in their abilities.
- They got an opportunity to work with a team in the industry.
- They gained professional ethics.

**Impact Analysis of Summer Training**

Students are trained by well experienced industry people so that they gained knowledge in terms of

- Worked on modern tools that are helped in understanding the applications.
- They got an opportunity to work with teams from different colleges and industry.
- Developed a project and stood in the Top-10 category.
- They gained professional ethics