



## ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)  
Affiliated to Osmania University  
Accredited A+ Grade by NAAC (3<sup>rd</sup> Cycle), College with Potential for Excellence by UGC  
ISO 9001 : 2015 ISO 14001 : 2015  
Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

### Awareness of Trends In Technology

2018-19

S.No	Name Of The Capability Enhancement Programm	Date Of Implementation	No. Of Students Enrolled	Name Of The Agencies/Experts Involved With Details If Any
1	Awareness And Enrollment Program in Nptel UGC Swayam	10-06-2018 11-06-2018 12-06-2018	349	Dr. Sarala Head Department Of Physics & Electronics, Ph No 7032393763
2	Workshop On Micro Processors	09 07 2018	44	Mr. Srihari Raju, Director, Nic, Hyd
3	Robotic Applications	18.07.2018)	104	Dr. Chandra Shekhar, Director, 75 Technologies
4	3-Day Workshop On IoT	29.08.2018 To03.09.2018	45	Ms. Hema, Mr. Rithvik Podduturi (Ceo) And Mr. Nagarjuna Thotamsetty (Coo) From Ohd
5	IBM Workshop By Pace	25.09.2018	57	Mr. Shoaib, Pace Academy



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6	Advances In Wireless Technologies	8.12.2018	103	Ms.Tejaswini Deputy Director Qualcomm
7	Workshop On Website Development And Publishing	21.1.2019	67	Ms. Hema, Contact No:(9505691737) And Mr. Rithwick From Ohd Group
8	Extension Lecture On Artificial Intelligence	7.02.2019	115	Ms. Fareeha Rasheed, Research Scholar(Set, Net Qualified), Manuu, Hyd
9	Workshop On Pcr And Its Applications	19.02.2019 To 20.02.2019	24	Mr. Mohd Imran Mir, Contact No: 9000954201
10	Guest Lecture On Big Data Analytics	12.03.2019	64	Ms. Roopa Devi, Asst Prof, Dept Of Bio Technology
11	Guest Lecture On Industry Trends- Scope In Various Areas Related To It	13. 03.2019	50	Ms. Mary Ann Shrutz, Executive Vice President, Stratford University
12	Appreciation and Application of Data Science	12.02.2019 13.02.2019	90	Dr.Srikala, Head ,Dept of Statistics Ph.No:7729077295

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13	IT Exhibition	29.08.2018	119	Ms.Meena Panthangy,HoD, Dept Of Nutrition,St. Ann's College for women  Ms. Radhai,COE, St. Ann's College for women  Ms.Sarala,HoD,Dept of physics St. Ann's College for women  Ph.No:8106828882
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### Awareness And Enrollment Program in Nptel UGC- Swayam

#### Reports

Name of the Department	ICT Centre
Title of the event	Awareness program on Swayam-NPTEL online courses
Date	1. 10-06-2018 2. 11-06-2018 3. 12-06-2018
Venue	A.V.Room
Target group	Faculty of B.A, B.Com, B.Sc students I/II/III year students
No of Student/ No. of Faculty participants	B.A- 300 B.Com - 1000 B.Sc - 1200

#### Objective:

- To create awareness on the online courses offered by the UGC-Swayam-NPTEL courses .
- To enable the faculty members to get enriched and abreast with the latest trends in their respective fields.

#### Summary :

Dr.D.Sarala, ICT coordinator along with the team of faculty members of ICT committee conducted an awareness program for all the students and respective course teachers on successive days in the month of June , at the beginning of the academic year. The National Program on Technology Enabled Learning is an initiative of all IITs and IIMs. the students were assisted in the enrollment to various courses, the methodology, assessment and accessing the video content .

#### Outcome :



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The faculty members who have registered for online courses have successfully completed the courses with Elite Division and one faculty member is placed among the top 5% category across the country.

- The number of students :
  - Successfully completed : 12
  - Elite status : 06
  - Silver Medal : 02
  - Top 5% : 01
    - Faculty :
      - Successfully completed : 16
      - Elite status : 10
      - Silver Medal : 03
- Dr.D.Sarala has received a certificate of appreciation for being an Active coordinator for NPTEL SWAYAM Courses. Felicitated at a workshop organised at IIT,Bombay on 18th July,2018.

### (2018-2019) Total Number of NPTEL Certified Students - (12)

**The examination is conducted twice in a year July-October & Jan-April every year**

### List of NPTEL Certified Students during July-October 2018

S.N	Name	Subject	Dicipline	Status
1	MAHIMA R	Functional Genomics	B.Sc. Medical/Life Sciences	Successfully completed
2	T.RESHMA	Functional Genomics	B.Sc. Medical/Life Sciences	Successfully completed
3	MYAKALA HARITHA	Functional Genomics	B.Sc. Medical/Life Sciences	Successfully completed
4	ATIKA FATIMA	Corporate social responsibility	Biotechnology	Elite
5	SWETHA SHARMA	Project management for managers	Commerce	Elite



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6	YOGITHA KANETIA	Leadership	Commerce	Elite Top 5%
7	PRIYA DWIVEDI	Marketing research and analysis	Commerce	Elite+Silver
8	NYSHA NANDA	Innovation, Business Models and Entrepreneurship	Commerce	Elite+Silver

## List of NPTEL Certified Students during Jan-April 2019

9	S SUBASHINI	Programming in Java	Computer Science	Elite
10	PRIYADARSHINI HALADY	Reactive Intermediates Carbene and Nitrene	Chemistry	Successfully completed
11	KONDURU YAMINI	Microprocessors and Microcontrollers	Electronic Science-Alumni	Successfully completed
12	SYED GOUSIA AAFREEN	Financial Statement Analysis and Reporting	Business Administration	Successfully completed

[https://drive.google.com/drive/folders/1Lsf2VoO3oICkYO5E1KN4\\_ivgepPONhjK?usp=share](https://drive.google.com/drive/folders/1Lsf2VoO3oICkYO5E1KN4_ivgepPONhjK?usp=share)



[link](#)







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**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **S.T. AFREEN SANIYA**  
for successfully completing the course  
**Developing Soft Skills And Personality**  
with a consolidated score of **91 %**  
Online Assignments [23.75/25] Proctored Exam [66.75/75]  
Total number of candidates certified in this course: 2073

Jul-Sep 2017  
(8 week course)

Indian Institute of Technology Kharpur

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **KRISHNAPRIYA KODUGANTI**  
for successfully completing the course  
**Educational Leadership**  
with a consolidated score of **91 %**  
Online Assignments [23.50/25] Proctored Exam [67.5/75]  
Total number of candidates certified in this course: 430

Jul-Sep 2019  
(8 week course)

Indian Institute of Technology Kharpur

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **AYESHA AFREEN**  
for successfully completing the course  
**Business Analytics & Text Mining Modeling Using Python**  
with a consolidated score of **76 %**  
Online Assignments [22.11/26] Proctored Exam [53.97/70]  
Total number of candidates certified in this course: 217

Jul-Sep 2018  
(8 week course)

Indian Institute of Technology Roorkee

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/noc/>

Roll No: NPTEL19HS34511400683

**TO**  
PITHARAM REKHA DEVI  
2-2-139, THIRD FLOOR  
URBERALLY  
HYDERABAD  
TELANGANA  
500048  
PH. NO: 9496097117

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1  
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **PITHARAM REKHA DEVI**  
for successfully completing the course  
**Body Language: Key to Professional Success**  
with a consolidated score of **85 %**  
Online Assignments [25.00/25] Proctored Exam [60/75]  
Total number of candidates certified in this course: 1377

Jul-Aug 2019  
(4 week course)

Indian Institute of Technology Roorkee

Prof. Indradeep Singh  
NPTEL, Coordinator  
IT Roorkee

Roll No: NPTEL19HS34511400683

Head of the Department  
 Physics & Electronics  
 St. Ann's College for Women  
 Mehdiapatnam, Hyd-28



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## Seminar cum Workshop on Microprocessors

### REPORT

**Date:** 9/7/2018

**Venue:** AV ROOM

**Target group:** I MECS/MPCS/MSCS students

**No of Student participants:** 120

**Objective, Summary and Outcome:**

The Department of Computer Science conducted a Seminar cum Workshop on Microprocessors on July 9<sup>th</sup> 2018 for I year (MECS/MPCS/MSCS) students.

Mr. Srihari Raju, Director, NIC, Hyd., was the Resource Person. He presented first in detail about microprocessors, how they work, parts, features, types, architecture and, functions of different units and so on. He demonstrated and the students also were given exercises to try.

### Feedback:

Students found the session very interesting and got the opportunity to learn from the veteran. Seminar cum Workshop on Microprocessors -9/7/2018



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## Robotics Applications

### Report

Resource Person:

Dr. Chandrasekhar, Director, 7S Technologies



<b>Name of the Department</b>	<b>Physics &amp; Electronics</b>
<b>Title of the event</b>	<b>Robotics Applications</b>
<b>Date</b>	<b>18th July 2018</b>
<b>Venue</b>	<b>English Lab, St. Ann's College for Women</b>



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Target group	II MPCs , MECs
No of Student/ No. of Faculty participants	100+4

### Objective:

- To motivate the students in the field of Robotics
- To motivate them towards internship in Robotics

### Summary and Outcome:

The students of II year Physics and Electronics were given an exposure to Robotics based designing and Applications. A few students to take up internships with 7S technologies.

### Flyer:



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### List of Participants:

Hall Ticket No	Name of the Student	Combination
120417468001	SOFIA UZMA	MPCs
120417468002	SHARFUNNISA	MPCs
120417468003	NAKKA SATVIKA DIVYA	MPCs
120417468005	MANNE ANUSHA	MPCs
120417468006	MANGALI SHIRISHA	MPCs
120417468007	IRUM FATIMA	MPCs
120417468008	KORANI DIVYA	MPCs
120417468009	ASHWINI TIWARI	MPCs
120417468011	MACHAVARAM GAYATHRI	MPCs
120417468012	JAIN DEVIKA	MPCs
120417468013	MARRAPU BHARGAVI	MPCs
120417468014	YENUGU MANASA	MPCs

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120417468015	JADDU BHARATHI	MPCs
120417468016	MADHAVI KUMARI	MPCs
120417468017	MANNE SRIVANI	MPCs
120417468018	YAMJALA SAI NIKITHA	MPCs
120417468019	ANN SHARON JOHNSON	MPCs
120417468020	KESHANA GARI KAVITHA	MPCs
120417468021	PALLERLA AMULYA	MPCs
120417468022	MANNE LIKITHA YADAV	MPCs
120417468023	N SAI PRIYA	MPCs
120417468024	KANDLAPALLI SAI SHREE	MPCs
120417468025	NERIGA SHIRLEY	MPCs
120417468026	BODDETI SOWJANYA	MPCs
120417468027	PATLURI ASHWINI	MPCs
120417468028	GUNNAM NANDINI	MPCs
120417468029	BHAGYASHREE ALLE	MPCs

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120417468030	SRIRAM VAISHNAVI	MPCs
120417468031	SUMANJALI A	MPCs
120417468032	PALGUCHERUVU JERUSHA RANI	MPCs
120417468033	MOHAMMAD BUSHRA	MPCs
120417468034	BATTENA SADHANA	MPCs
120417468035	CHILAKAMARRI SUJITHA SARADHI	MPCs
120417468037	KAKAN ROY	MPCs
120417468038	BAMMIDI RAJINI	MPCs
120417468039	VAISHNAVI	MPCs
120417468040	AMENA FATHIMA	MPCs
120417468042	NADELLA. SAMYUKTHA	MPCs
120417468043	REDDY SRILAKSHMI TULASI SANTHI	MPCs
120417468044	SYEDA FATIMA	MPCs
120417468045	B SWAPNA	MPCs

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120417468046	GOWLIKAR POOJA	MPCs
120417468047	DHANAGARI VARSHA	MPCs
120417468048	PULLANNAGARI MANISHA	MPCs
120417468049	CHILLA SAI VARSHINI	MPCs
120417468050	JULAKANTI MOUNIKA	MPCs

Hall Ticket No	Name of the Student	combination
120417474001	PALLI PAVANI	MECs
120417474002	BANDARI ROSHINI	MECs
120417474003	MICHAEL SHERLIN	MECs
120417474004	GOSWAMY AKANKSHA	MECs
120417474005	SAMBA LAVANYA	MECs
120417474006	SAKALI SRAVANI	MECs
120417474007	KATROTH SUSHMA ROTHOD	MECs
120417474009	P R SUPRAJA	MECs



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120417474010	MARISHETTY SRI NIDHI	MECs
120417474011	NANGUNURI MOUNIKA	MECs
120417474012	PARSI SAHITHI	MECs
120417474013	D JYOTSNA	MECs
120417474014	BOBBILI SINDHUJA	MECs
120417474015	RAMOJI SAI PRAGNA	MECs
120417474016	M DURGA	MECs
120417474017	SRUNGAVARAPU MADHURI	MECs
120417474018	CH PRAVALLIKA	MECs
120417474019	ALEGANI DEEPIKA	MECs
120417474020	KAMSALI NANDINI	MECs
120417474021	LINGALA SAI SOWMYA GOUD	MECs
120417474022	VAISHNAVI NITIN KULKARNI	MECs
120417474023	PADAMATI SOWMYA	MECs

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120417474024	A SAMATHA	MECs
120417474025	VANAM SRAVANI REDDY	MECs
120417474026	RAMOJI HARINI	MECs
120417474027	NIMMAKAYALA MANISHA	MECs
120417474028	KONTHAM NIKHITA	MECs
120417474029	PODDUTURI AKANKSHA REDDY	MECs
120417474030	SNIGDHA S	MECs
120417474031	SAHITHI SHEELAM	MECs
120417474032	BHUPATHI UJWALA	MECs
120417474033	MURARKAR RUCHITHA	MECs
120417474034	SHAILAJA SARA	MECs
120417474035	POTHUGANTI AISHWARYA	MECs
120417474036	BOMMA PRIYANKA	MECs
120417474037	PEDDARAPU SANGEETHA	MECs



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120417474038	PANUGANTI SAHITHI	MECs
120417474039	MADASU NIHARIKA	MECs
120417474040	DONTI NIKITHA	MECs
120417474041	DAULAGAR HARSHITHA	MECs
120417474042	THOTAMGARI KEERTHI REEDY	MECs
120417474043	NALLA SRAVANI	MECs
120417474045	KODURU ANUSHA	MECs
120417474046	N SADHANA	MECs
120417474047	KOVURI PRIYANKA YADAV	MECs
120417474048	D SANDHYA	MECs
120417474049	DONDLAPALLY SRAVANI	MECs
120417474050	NANDYALA LAVANYA	MECs

Photograph with caption :



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### Feedback:

The students gave positive feedback towards the guest lecture and were fascinated by the working models and showed keen interest in learning robotics.

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Head of the Department  
Physics & Electronics  
St. Ann's College for Women  
Mehdiapatnam, Hyd-2\*

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### **Three day workshop on Internet of Things (IoT) from 29<sup>th</sup> Aug, 2018 to 3<sup>th</sup> Sept, 2018.**

#### **REPORT**

**Date:** 29<sup>th</sup> Aug, 2018 to 3<sup>th</sup> Sept, 2018.

**Venue:** Computer Science Lab

**Target group:** I year students MECS/MPCS/MSCS

**No of Student participants:**

**Objective, Summary and Outcome:**

#### **Objective of the Workshop:**

IoT (Internet of Things) is one of the most important technologies and has a lot of relevance in today's world and everyday life with Internet usage becoming universal. The internet of things helps people live and work smarter, as well as gain control over their lives. In addition to offering smart devices to automate homes, IoT is essential to business. It encourages companies to rethink the ways they approach their businesses and gives them the tools to improve their business strategies. Generally, IoT is most abundant in manufacturing, transportation and utility organizations, making use of sensors and other IoT devices. It has also found use cases for organizations within the agriculture, infrastructure and home automation industries. There are numerous real-world applications of the internet of things.

With so much scope for coming up with creative solutions, the dept. deems fit that conducting a workshop on IoT with demonstration and make students participate in building small applications would help them in understanding the importance of the field, promote interest in them to explore, experiment and try in coming up with new ideas and creative solutions related to the field which has immense scope.

#### **Summary and Outcome & Feedback**

In view of growing relevance of IoT in the modern world, the computer science dept of St Ann's College for Women invited Open Hardware Days (OHD) to introduce the computer science students the topic of IoT. Ms. Hema, Mr. Rithvik Podduturi (CEO) and Mr. Nagarjuna



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Thotamsetty (COO) from OHD to conduct a three day workshop on Internet of Things (IoT) from 29<sup>th</sup> Aug, 2018 to 3<sup>th</sup> Sept, 2018.

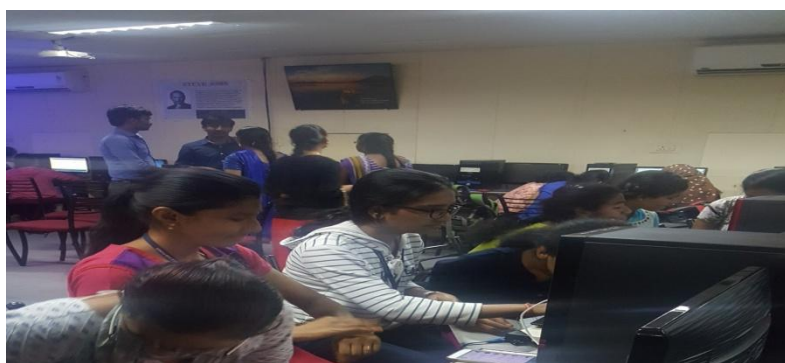
**Day 1** started with the introduction on IoT, its working principle and applications followed by the study of microcontrollers and Arduino UNO in particular. Students were taught simple and multiple LED blink execution including coding and hardware connections.

After this, students got hands on experience with the different types of sensors- temperature sensor to read the room temperature, ultrasonic sensor to find the distance and a motion sensor to detect motion. The day ended with motivating students to start thinking on technology which helps in building products.

**Day 2** began with an introduction to the working of IoT products and internet enabled microcontroller, Node MCU. Students were shown the working of how devices like LED can be controlled through the use of internet followed by a study on the cloud and the services provided by it. All the students created a ThingSpeak account which is an [open source Internet of Things](#) (IoT) application and [API](#) to store and retrieve data from things using the [HTTP](#) protocol over the Internet or via a Local Area Network. ThingSpeak enables the creation of sensor logging applications, location tracking applications, and a social network of things with status updates.

The day ended with a detailed review of the student projects for Hackathon with the instructors.

**Day 3** was the Hackathon day followed by the expo of projects for students and faculty. The 8 teams presented their prototypes very well to the judges. Some of the ideas include smart fan/life saver to prevent suicide, smart homes (intruder alert system), smart traffic system, smart water tank to prevent wastage of water, smart ICU etc. One top team was offered Internship at OpenHardWareDays Pvt. Ltd. Through this workshop, students developed a proper practical knowledge on working of sensors and the development boards which would help them in future to start prototyping as well as the current development in the emerging field of IoT i.e the importance of it in the future and the trends, products available in the market.





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## Seminar on IBM Watson

### Report

#### SEMINAR REPORT ON IBM WATSON

On 25<sup>th</sup> September 2018 a seminar on IBM Watson was conducted. Mr. Shoaib from PACE Academy addressed the students of MBA 1<sup>st</sup> year. He started his seminar on the topic data science or data analytics. Data analytics is the process of examining data sets in order to draw conclusions about the information they contain, increasingly with the aid of specialized systems and software. He gave examples such as heat map used in e-commerce platforms to know which categories on the website the customers are interested in. This can draw conclusions on customers buying behavior or interest & can be helpful in targeted marketing campaigns. He also gave example of cricket map to help the bowler to improve his bowling tactics. Another good example was given about the best camera phone. From iPhone X, Samsung Galaxy S9 and Google pixel, both the iPhone X and Samsung Galaxy S9 have dual lens camera to enhance their images whereas the Google Pixel has a single lens camera and takes best images than the other two. It does so because Google collects and analyzes more data of people based on the type of images people capture etc. than the other two brands and enhances its camera images using software.

Business analytics focuses on developing new insights and understanding of business performance based on data and statistical methods. It is divided into two types: structured data and unstructured data.

Structured data depends upon high degree of organization. Eg: Spreadsheets. Unstructured data depends on low level of organization. Eg: MS word. Next topic which was addressed was stages in analytics. The stages are as follows:

**Descriptive:** This type of analytics typically answers the question "*What happened?*" This is mainly used to describe and characterize past events. Managers produce summary statements of the data. This can be explained with the help of a



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general example, when a person falls down and hurts his/her knee, he goes to a doctor. The doctor asks what happened.

**Diagnostic:** Managers use diagnostic analytics to answer the question "Why?" or "Why did that happen?" They focus on a known outcome and try to determine the factors and events that contributed to that event. Consider the same example after knowing what happened the doctor sends the person for diagnosis, x-ray to know why it is hurting.

**Predictive:** "What is likely to happen?" This type of analytics is about getting real insights to predict what will happen if you make a change or keep things the way they are. It's about using data from your database or from social media and detecting trends and patterns to help predict future outcomes. Example after the diagnosis the doctor will predict if plaster is needed or not.

**Prescriptive:** Prescriptive analytics is based on "What to do?" It's all about understanding what to do to maximize good outcomes and prevent bad ones from happening. Example the doctor will give prescription to reduce the pain.

IBM Watson is a platform where data is collected and analyzed accordingly. Watson is an IBM supercomputer that combines artificial intelligence (AI) and sophisticated analytical software for optimal performance as a "question answering" machine. Powered by the latest innovations in machine learning, Watson lets you learn more with less data. You can integrate AI into your most important business processes, informed by IBM's rich industry expertise.

Prepared By  
Khadeeja Kausar  
Salwa Saher Jaweed





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### Advances in Wireless Technologies

Resource Person: Ms. Tejaswini, Deputy Director, Qualcomm

<b>Name of the Department</b>	Physics & Electronics
<b>Title of the event</b>	Advances in Wireless Technologies
<b>Date</b>	8th December 2018
<b>Venue</b>	AV Room, St. Ann's College for Women
<b>Target group</b>	BSc II Years, MPCs and MECs
<b>No of Student/ No. of Faculty participants</b>	100+3

#### Objectives:

- To create awareness among students to various upcoming technologies in Telecom Cellular Industry.
- To enlighten students on various features of smartphone.

#### Summary and Outcome:



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The department has organized an extension lecture on 8<sup>th</sup> December, 2018, the topic was “Advances in Wireless Technologies” for all Physics and Electronics students. The Resource person was *Ms. Tejaswini, Dy, Director Quall Comm, Asia Pacific Indian Region.*

The lecture kick started with the evolution of Generation in Telecom Cellular industry ranging from 2G, 3G, 4G and the upcoming 5G technologies. The students were exposed to the specifications of the Smart phones, power considerations, the speed of the network connections, Ethernet technologies and protocols. The discussion on how the desktop version with heavy cables were replaced with laptops with increased mobility was well received by the audience. She has given an insight into the next innovation of mobile wireless technologies which kept the people on the move to be connected always. The important aspect of *power consumption using hotspot* and cellular towers was emphasized and the need for conservation of the same was highlighted.

The students were made aware of the features of the smart phone, the processor technology ranging from two to eight ( Octacore ) which controls the different apps like audio, calling, internet browsing, camera etc. Some of the patents the resource person has developed have been demonstrated.

The innovation was perceived as an extension to the courses learnt in regular class room teaching and significance of connecting the dots was reinforced. The students were advised and encouraged to think inwardly and enjoy the learning process. They are also advised to continuously update and upgrade their knowledge base and skill set to face the challenges of the dynamic industrial needs.

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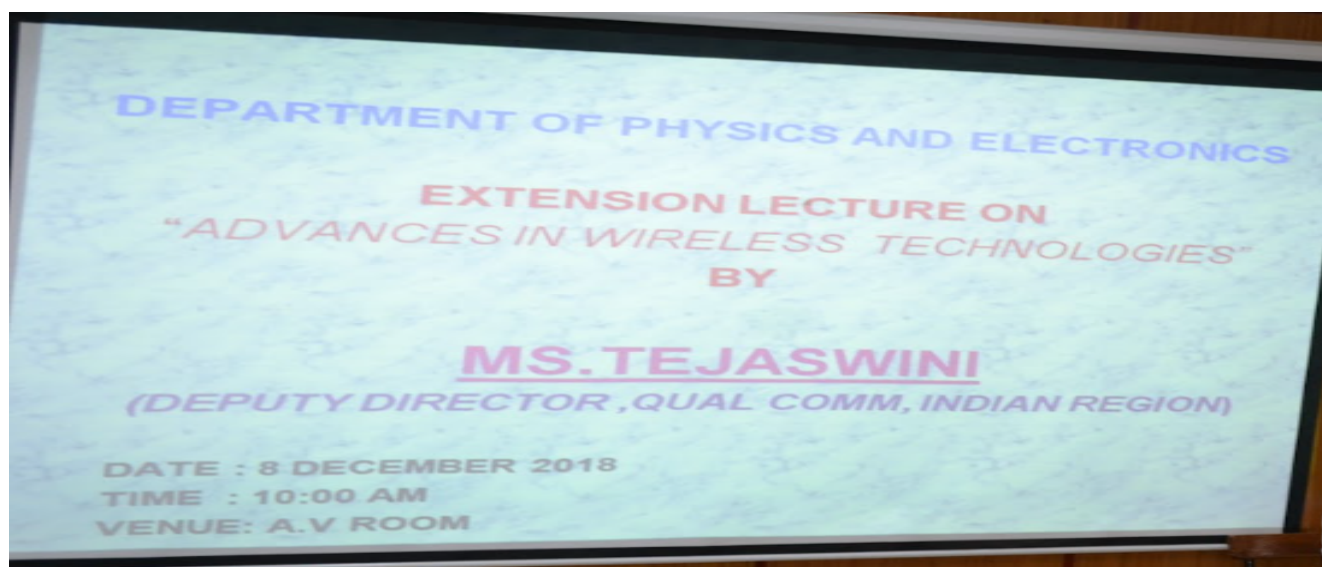
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## Flyer:



## List of Participants:

Hall Ticket No	Name of the Student	Combination
120417468001	SOFIA UZMA	MPCs
120417468002	SHARFUNNISA	MPCs
120417468003	NAKKA SATVIKA DIVYA	MPCs
120417468005	MANNE ANUSHA	MPCs



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120417468006	MANGALI SHIRISHA	MPCs
120417468007	IRUM FATIMA	MPCs
120417468008	KORANI DIVYA	MPCs
120417468009	ASHWINI TIWARI	MPCs
120417468011	MACHAVARAM GAYATHRI	MPCs
120417468012	JAIN DEVIKA	MPCs
120417468013	MARRAPU BHARGAVI	MPCs
120417468014	YENUGU MANASA	MPCs
120417468015	JADDU BHARATHI	MPCs
120417468016	MADHAVI KUMARI	MPCs
120417468017	MANNE SRIVANI	MPCs
120417468018	YAMJALA SAI NIKITHA	MPCs
120417468019	ANN SHARON JOHNSON	MPCs
120417468020	KESHANA GARI KAVITHA	MPCs
120417468021	PALLERLA AMULYA	MPCs

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120417468022	MANNE LIKITHA YADAV	MPCs
120417468023	N SAI PRIYA	MPCs
120417468024	KANDLAPALLI SAI SHREE	MPCs
120417468025	NERIGA SHIRLEY	MPCs
120417468026	BODDETI SOWJANYA	MPCs
120417468027	PATLURI ASHWINI	MPCs
120417468028	GUNNAM NANDINI	MPCs
120417468029	BHAGYASHREE ALLE	MPCs
120417468030	SRIRAM VAISHNAVI	MPCs
120417468031	SUMANJALI A	MPCs
120417468032	PALGUCHERUVU JERUSHA RANI	MPCs
120417468033	MOHAMMAD BUSHRA	MPCs
120417468034	BATTENA SADHANA	MPCs
120417468035	CHILAKAMARRI SUJITHA SARADHI	MPCs
120417468037	KAKAN ROY	MPCs

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120417468038	BAMMIDI RAJINI	MPCs
120417468039	VAISHNAVI	MPCs
120417468040	AMENA FATHIMA	MPCs
120417468042	NADELLA. SAMYUKTHA	MPCs
120417468043	REDDY SRILAKSHMI TULASI SANTHI	MPCs
120417468044	SYEDA FATIMA	MPCs
120417468045	B SWAPNA	MPCs
120417468046	GOWLIKAR POOJA	MPCs
120417468047	DHANAGARI VARSHA	MPCs
120417468048	PULLANNAGARI MANISHA	MPCs
120417468049	CHILLA SAI VARSHINI	MPCs
120417468050	JULAKANTI MOUNIKA	MPCs

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Hall Ticket No	Name of the Student	combination
120417474001	PALLI PAVANI	MECs
120417474002	BANDARI ROSHINI	MECs
120417474003	MICHAEL SHERLIN	MECs
120417474004	GOSWAMY AKANKSHA	MECs
120417474005	SAMBA LAVANYA	MECs
120417474006	SAKALI SRAVANI	MECs
120417474007	KATROTH SUSHMA ROTHOD	MECs
120417474009	P R SUPRAJA	MECs
120417474010	MARISHETTY SRI NIDHI	MECs
120417474011	NANGUNURI MOUNIKA	MECs
120417474012	PARSI SAHITHI	MECs
120417474013	D JYOTSNA	MECs
120417474014	BOBBILI SINDHUJA	MECs
120417474015	RAMOJI SAI PRAGNA	MECs

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120417474016	M DURGA	MECs
120417474017	SRUNGAVARAPU MADHURI	MECs
120417474018	CH PRAVALLIKA	MECs
120417474019	ALEGANI DEEPIKA	MECs
120417474020	KAMSALI NANDINI	MECs
120417474021	LINGALA SAI SOWMYA GOUD	MECs
120417474022	VAISHNAVI NITIN KULKARNI	MECs
120417474023	PADAMATI SOWMYA	MECs
120417474024	A SAMATHA	MECs
120417474025	VANAM SRAVANI REDDY	MECs
120417474026	RAMOJI HARINI	MECs
120417474027	NIMMAKAYALA MANISHA	MECs
120417474028	KONTHAM NIKHITA	MECs
120417474029	PODDUTURI AKANKSHA REDDY	MECs
120417474030	SNIGDHA S	MECs

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120417474031	SAHITHI SHEELAM	MECs
120417474032	BHUPATHI UJWALA	MECs
120417474033	MURARKAR RUCHITHA	MECs
120417474034	SHAILAJA SARA	MECs
120417474035	POTHUGANTI AISHWARYA	MECs
120417474036	BOMMA PRIYANKA	MECs
120417474037	PEDDARAPU SANGEETHA	MECs
120417474038	PANUGANTI SAHITHI	MECs
120417474039	MADASU NIHARIKA	MECs
120417474040	DONTI NIKITHA	MECs
120417474041	DAULAGAR HARSHITHA	MECs
120417474042	THOTAMGARI KEERTHI REEDY	MECs
120417474043	NALLA SRAVANI	MECs
120417474045	KODURU ANUSHA	MECs
120417474046	N SADHANA	MECs



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120417474047	KOVURI PRIYANKA YADAV	MECs
120417474048	D SANDHYA	MECs
120417474049	DONDLAPALLY SRAVANI	MECs
120417474050	NANDYALA LAVANYA	MECs

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## Feedback:

The students have given a positive feedback that the lecture was very informative, inspirational and the latest trends in wireless technologies were covered.

*S. Sarala*  
Head of the Department  
Physics & Electronics  
St. Ann's College for Women  
Mehdiapatnam, Hyd-28



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### One Day Workshop on Website Building and Publishing

#### REPORT

**Date:** 21/1/2019

**Venue:** Computer Science Lab

**Target group:** III MECS/MPCS/MSCS students

**No of Student participants:** 67

#### **Objective, Summary and Outcome:**

The Dept. of Computer Science organized a Workshop on “Website Development and Publishing” on 21/1/2019 for B.Sc. Computer Science students with the objective to make students learn about building websites and publishing them. Ms. Hema and Mr. Rithwick from OHD group were the resource persons.

We had a demonstration first of the steps involved in building and publishing a website and a parallel session with all students trying the same on different themes. Awardspace and Wordpress were used and all the plug-ins were provided and right from registering we went about trying all steps and details needed. They gave us detailed information about issues connected and how and where from to download images etc. without copyright issues.

Resource persons were very well informed in their field and we found the session very interesting, interactive and enjoyed learning new details. Opportunity for internship was also given for which we had to work out an online assignment given by them. Overall it was an enriching experience and we would like to explore further.



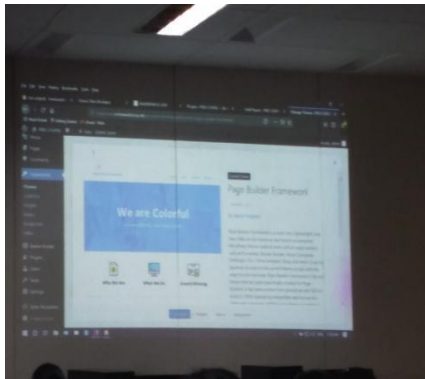
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K. N. Nandini





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### Guest Lecture on Artificial Intelligence

#### REPORT

**Date:** 7/2/2019

**Venue:** Computer Science Lab

**Target group:** III MECS/MPCS/MSCS students

**No of Student participants:** 102

**Objective, Summary and Outcome:**

A Guest Lecture on Artificial Intelligence was held on 7<sup>th</sup> Feb 2019. **Ms. Fareeha Rasheed**, Research Scholar (SET, NET qualified), MANUU, Hyd. She is pursuing research on Recommender Systems for E- Learning.

The Booming area of study AI achieved heights in 21st century. Making machines learn and training them to behave like humans, saving effort and lives of mankind all of such factors brought significant growth and evolution of AI.

The speaker spoke on how AI could lead to betterment of the society and also mentioned how one could experiment in that field. The session carried us through the glimpse of initial stages of AI. (Alice chatbot and eliza therapist period) to the currently emerging trends (Sophia, weather predictions, self driving cars). With the technological advancement the future of AI has been changing tremendously, as it works with machines which are going to be in large numbers in the future and the exploration of it will be much easier. The journey of AI was discussed; the pros and cons were also mentioned.

**Feedback:** The lecture was convincing drawing everyone's interest towards AI and be the part of emerging side. The Feedback given by students for the resource person as stated by majority was as excellent.

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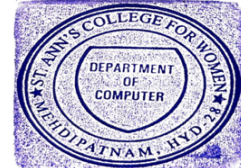


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K. N. Nandini







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### Workshop on “PCR and its Applications”

**Date :** 19 & 20<sup>th</sup> February, 2019

**Venue** St. Ann's college for women.

**Target group:** Student of all life sciences

**No of Student/ No. of Faculty participant :** 24

A Two day workshop on PCR and its Applications was organized by department of biotechnology for the students of life sciences on 19 & 20<sup>th</sup> February, 2019 at St. Ann's college for women.

#### Flyer

**St. Ann's College For Women**  
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**TWO DAY WORKSHOP ON “PCR AND ITS APPLICATIONS”**  
To be organized by Department of Genetics & Biotechnology  
**19 & 20 FEBRUARY 2019**

- DNA Extraction
- DNA quantification
- Gel Electrophoresis
- Polymerase chain reaction
- Restriction Fragment Length Polymorphism
- Primer Designing

**REGISTRATION FEES:Rs 800**

**CONTACT DETAILS**

- 1) **Dr. N. Swapna: Dept. of Genetics**  
9640854813
- 2) **Ms Rupa Devi : Dept. of Biotechnology**  
8897020757

**Venue: SACReD, St.Anns college**  
**Time: 9.00 am onwards**

**Organizing committee:**  
Dr. V. Venugopal Rao  
Ms R.Rupa Devi  
Ms N.Sushma  
Dr.N.Swapna

**Resource person:**  
Mohammad Imran Mir  
9000954201

#### Objective :

The main objective of this workshop is to make students learn the technique PCR .

#### Summary :

The workshop started off with the prayer and introduction of Mr. Mohammed Imran mir. He started session with primer designing and emphasized on the importance of DNA amplification. In this session, resource person has given detailed information on polymerase chain reaction, standardization, preparation of agarose gel and interpretation. Further, basic molecular biology overview has been given to all participants. The resource person was interactive and made the session interesting.





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### Outcome:

Students learnt to design primers and PCR standadization.

### List of Participants

S.NO	Name of the student	Combination
1	Alekhya	BBC I
2	Tuba Nazeer	BBC I
3	Ameena	BBC I
4	Nishath	BBC I
5	Bhavya	BBC I
6	Smriti	BBC I
7	Sadia	BBC I
8	Hanneah	BBC I
9	Hijab	BBC I
10	Arthi	BBC I
11	Mumtaz	BBC I
12	Khateeja	BBC I
13	V.K.Archana	BBC II
14	D.Haripriya	BBC II
15	G.Mounika	GCZ I
16	S.Roja	GCZ I
17	C.H.Jaya sree	GCZ II
18	R.Sushma Vaishnavi	GCZ II

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19	Humera	GCZ II
20	Mahima	GCZ II
21	Lubna Quadri	GCZ II
22	D.Poojitha	GCM I
23	Ajjain Vaishnavi	GCM I
24	Hemalatha Raj purohit	GCZ II

### Photographs



### Feedback

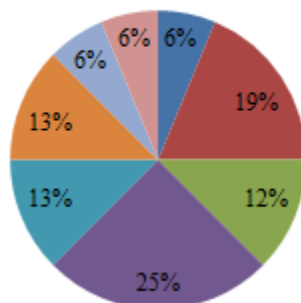
**Participants feedback on “PCR and its Applications”**



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## Feedback



- The workshop met its stated aim and objectives
- The workshop was scheduled at a suitable time
- The workshop location was appropriate and satisfactory
- The workshop facilities were appropriate and satisfactory
- The workshop was paced appropriately
- The presenters were well prepared
- The presenters responded to the questions in an informative, appropriate and satisfactory manner
- Overall the session was informative and valuable



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### **Guest Lecture on Big Data Analytics**

#### **REPORT**

**Date:** 12/3/2019

**Venue:** Computer Science Lab

**Target group:** III MECS/MPCS/MSCS students

**No of Student participants:** 65

#### **Objective, Summary and Outcome:**

The Dept. of Computer Science organized a Guest Lecture on Big Data Analytics on 12/3/2019 for final year Computer Science students. This is the booming field in the 21<sup>st</sup> century. The lecture involved what it requires to be a Data Analyst. Topics like Python, OLAP and Hadoop were discussed briefly.

**Our resource person Ms. Roopa Devi** shared her Knowledge on Hadoop architecture, Apache Hive which is new and also things to learn in order to gain skills to work with Hadoop were presented.

The session also covered the importance of knowing Linux, Java, and SQL. It was a delightful and interactive session.

#### **Feedback:**

Students appreciated the session. It was very interactive and students gained lot of insights related to this field. They were also informed about prevailing opportunities in industry, courses available in this area in different universities. They were very satisfied with the session and have given a very good feedback.

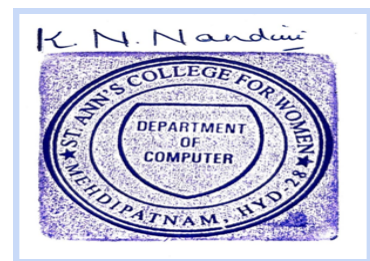
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### Guest Lecture on “Industry Trends- Scope in various areas related to IT field”

#### REPORT

**Date:** 13/3/2019(Wednesday)

**Venue:** Room-No. 229

**Target group:** final year MECS/MPCS/MSCS and MCA I year students

**No of Student participants:** 50

#### **Objective, Summary and Outcome:**

The Dept. of Computer Science organized a Guest Lecture on “Industry Trends- Scope in various areas related to IT field” on 13/3/2019. **Mr. Mallikarjun Rao, Managing Director VBI Technologies, Hyd. was the resource person.** He spoke on trending IT technologies which help the students in figuring out their career in the IT field and to enhance their skills.

He spoke on the upcoming technologies, Cloud Computing, DevOPs, Blockchain Technologies, Website Designing, AI related opportunities and latest technologies.

#### **Feedback:**

Students’ feedback was good and they found the entire session very useful.



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Guest Lecture on “Industry Trends- Scope in various areas related to IT field”

### REPORT

**Date:** 29/8/2018

**Venue:** A.V. Room

**Target group:** I year students **MECS/MPCS/MSCS**

**No of Student participants:** 110

**Objective, Summary and Outcome:**

A Career Counseling session was held for I year students on 29/8/2018. Ms. Mary Ann Shrutz, Executive Vice president, Stratford University spoke on global career opportunities and the opportunities available in their university in the field of computer science and also in other areas.



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### Appreciation & Application of Data Science

#### Report

- **Date:** February 12th & 13th, 2019
- **Venue:** St. Anns College for Women, Hyderabad
- **Target group:** UG students
- **No of Student/ No. of Faculty participant: 90**
- **Objective, Summary and Outcome**

A 2 day inter-collegiate workshop on “Appreciation and Application of Data Science” designed especially for under graduate students as per the request of Dept. of Statistics, St. Ann’s College for Women, Hyderabad.

#### Flyer

**St. Ann's College for Women**  
(Autonomous), Osmania University  
NAAC Reaccredited with A+ Grade, CPE by UGC,  
Mehdiapatnam, Hyderabad

DEPARTMENT OF STATISTICS in  
Collaboration with JuxSmart Mandate is  
organizing a

**A 2 day inter-collegiate workshop on  
12<sup>th</sup>, 13<sup>th</sup> Feb. 2019**

**Appreciation & Application  
of  
Data Science**

Participants can  
bring their own  
LAPTOPS

Register on or before: 8<sup>th</sup> Feb 2019  
Payment Mode: Paytm - **9848303494**  
Registrations : 8:45-9:15am  
**Participation Fee**  
UG/PG Students: 500/-  
Academicians : 1000/-  
**Contact:**  
Ms. Sai SriKishore 9908277382  
Mail: [annstats1987@gmail.com](mailto:annstats1987@gmail.com)  
Participants should fill up the  
attached registration form and  
send to the above mail id

**NOTE: LUNCH IS NOT PROVIDED FOR  
STUDENT PARTICIPANTS**

#### Objective:

The objectives of the workshop are as follows:

- To reconnect with the growing importance of Data Analytics
- To understand the key trends
- To familiarize ourselves with end to end Analytics Process





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- To do some hands on work using R and Tableau

### Summary:

### Feedback of the Participants

- 57.6% agree that overall organization of the lecture was as expected.
- 54.1% agree that content discussed by the speaker was relevant.
- 58.6% agree that the lecture has covered the expected content.
- 51.5% agree that speaker gave informative and interesting points.

### Snap Shots



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## IT Exhibition 2018

### REPORT ON IT EXHIBITION 2018

#### St Ann's Technocrat's

*-an IT Exhibition*

**Date :- 29<sup>th</sup> August 2018 (Wednesday)**

Students of St Ann's Women's College organized the IT Exhibition at the college on 29<sup>th</sup> August 2018. It was an innovative and experimental day for all.

The Exhibition was inaugurated and released MCA Magazine "Reflexion" by Ms. Meena Pathangy Dean in St Ann's College, Ms. Radhai CEO, Ms. Sarala ICT Co-ordinator and the Chief Guest Mrs. Swarna Padma Latha .

The budding scientists of our college presented many creative ideas as exhibits. The exhibits were attractive and marvelous. Students exhibited distinct Working models , Concepts and Mini Projects presented in front of the Judges and students.

The Chief Guest appreciated the novel ideas of the participants. The Exhibition provided a platform to scientific experimentation and innovation to the future scientists. The enthusiasm and skill clubbed with in depth knowledge was commendable. With an Endeavour to promote scientific attitude among students the exhibition was one of its kind.

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The exhibits were judged by the In-charge Lecturers and Award winning projects were given certificates.

Position	Name of the Module	Year	Student Names
1 <sup>st</sup> prize	Voice Recognition(Robot) with automatic Streetlights	III yr MCA	Neelima, sravya, sudeepthi, sravani
2 <sup>nd</sup> prize	Line follower Robot with object detection	III yr MCA	Zainab, fazilath, firdous
3 <sup>rd</sup> prize	Mobile Projector	II yr MCA	Alekya, nikitha, shruthi
Special prize	Moving Robot and Mini Project	III yr MCA	Nandini, deepthi, prasanna

### Consolidated Prizes:

Position	Name of the Module	Year	Student Names
1 <sup>st</sup> prize	Hard Disk	II yr MCA	Navya, kavitha, satya nandini
2 <sup>nd</sup> prize	Processor	I yr MCA	Yamuna, shivandhini, vijaya laxmi
3 <sup>rd</sup> prize	Topologies	III yr MCA	Harika, sowmya, joythi sing, firdous jasha

T. Pushpa datta

Head  
Department of M.C.A.  
St. Ann's College for Women (PG Centre)  
(Autonomous)  
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