



IoT SiG MJCET REPORT
Hands On IoT Workshop
28th September, 2019
Venue: Student Activity Center, MJCET Campus.

Organized By:
The Core Team
IoT SiG

Embracing the concept of Internet of Things and how things can be smarter with this domain.

So we, at IoT SiG MJCET, Organised “hands on IoT”, in collaboration with IEEE MJCET , to a highly enthusiastic crowd of 130 people which included people from other colleges as well who got to interact, explore and gain hands on experience on of the best part of IoT that’s Home Automation –Automating home appliances using google Assistant.



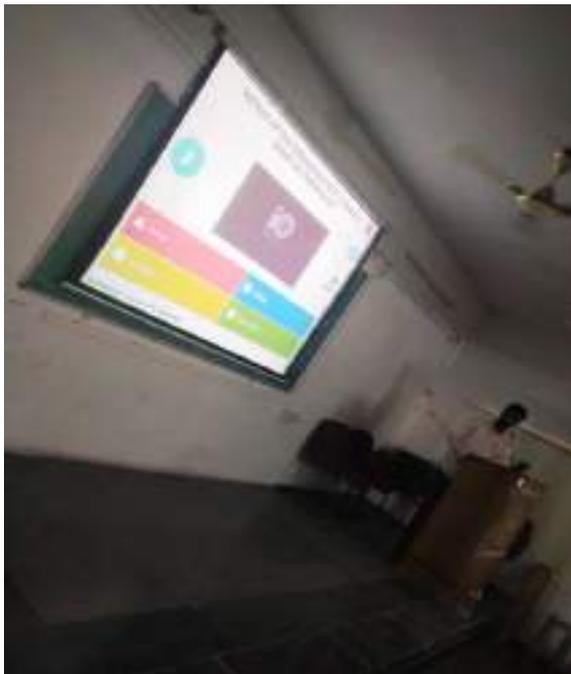
The workshop started early at 09:00 am with the Introduction to the Domain of IoT ,the Varous Domains of Connectivity. How the world is changing with the advent of newer technologies and that the number of connected devices per person is increasing day-by-day... So also the need for various domains of connectivity.

The introduction was followed by the hands-on session which includes:

- Weather Monitoring using DHT sensor
- Waste Management using Ultrasonic sensor
- Home Automation using google assistant
- Smart traffic lighting system using Ir sensor

The participants were also provided with snacks(Appy FIZZ) to Quench their thirst for wisdom...

This was followed by a LUNCH Break!

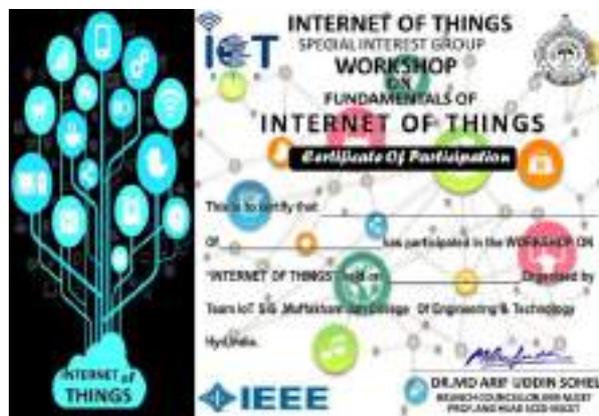


There were Online Quiz conducted after each laboratory Session where the participants understanding ability was put to test.... The participants were also given the Cash prizes to incur enthusiasm.

The show ended with the Distribution of Digital Certificates, proposing a vote of thanks to Advisor cum Mentor IoT SiG MJCET, Mr. Arifuddin Sohel, for extending his full support, guidance and providing resources for the successful conduction of workshop. Providing a learning platform throughout the year to all the aspiring Enthusiasts who participated...



THE Core Team, IoT SiG MJCET



The Digital Certificate

MJCET ACM Student Chapter - Reporting Year 2019

Section 1 - Member Information

Total Number of Chapter Members - Student	25
Total Number of Chapter Members - Professional	2
Currency:	Indian Rupee
<i>(Use this currency for all financial figures)</i>	
Student Chapter Member Fee:	1062.00
Professional Chapter Member Fee:	1200.00
Number who are ACM Members:	35
Next Election Date:	01-May-2020

Section 2 - Meetings and Recent Activities

Number of general meetings in the 2018-2019 program year	5
Average meeting attendance	70

1. secrets and lies

Number in Attendance: 60

Cost of General Admission: 30.00

Cost to Chapter: 1800.00

Abstract: This event was organized at the beginning of the semester. This was a two round event based on IQ, critical thinking and problem solving. A total of 12 teams were formed each consisting of 5 students. The first round was an elimination of buzzer trivia where three teams formed a group and competed with each other. 4 Teams with most points got qualified for the next round. In the second round, the 4 teams were given a set of clues and a plot of a mystery case. The teams raced against time to find next clues and investigate the case by joining the clues and interrogating suspicious characters of the case played by our volunteers. Two teams cracked the mystery. Both the winning and the runner-up team were awarded with cash prizes. The idea behind this event was to promote team work and to help the new students settle in the new environment.

Start: 18-Aug-2018

End: 18-Aug-2018

2. Master your profiles

Number in Attendance: 30

Cost of General Admission: 30.00

Cost to Chapter: 0

Abstract: A hands-on session on 'LinkedIn' was organized. This session was organized aiming on awareness of the benefits of the LinkedIn to the students. The session covered topics such as building up of CV, creating connections in the technical world and keeping one's technical profile up to the mark. The speaker for this session was ACM's Technical Head. All the students were made to create their LinkedIn profiles and were assisted by our organizing team members.

Start: 12-Oct-2018

End: 12-Oct-2018

3. Roadies 2.0

Number in Attendance: 40

Cost of General Admission: 100.00

Cost to Chapter: 2000.00

Abstract: This event had a preliminary round which consisted of 2 sub rounds-Personality test and group discussion. Moderators evaluated the participant's performance in group discussion which had all the on-going trending topics. After completion of this, participants were sent to the final round where a panel was set up. Each participant had to face the panel who asked them various questions based on their G.D, the answers they wrote in personality test and give them tasks like role-play, showcase your talent etc. to test their mentality and confidence. After going through the interview round winners were decided. The overall best performer was awarded the first prize whereas the next best person was the first runner up. The participant who was the best in G.D was awarded the second runner-up.

Start: 25-Jan-2019

End: 25-Jan-2019

Section 3 - Upcoming Activities

1. AI Chatbot Development

Abstract: Hands on workshop on development of chatbot using dialogflow.

Start: 14-Sep-2019

End: 14-Sep-2019

Section 4 - Authorization & Signatures

Comments and Remarks:

No comments or remarks

I hereby certify that the above information has been examined by me and to the best of my knowledge I believe that it is true, correct, and complete, and made in good faith for the fiscal year stated.

Authorizing Officer:

Mohammed Naser Sagri - Chair

Section 5 - Finalize Report

The 2019 Report has NOT been finalized.

MJCET ACM Student Chapter - Reporting Year 2017

Section 1 - Member Information

Total Number of Chapter Members - Student	24
Total Number of Chapter Members - Professional	2
Currency: <i>(Use this currency for all financial figures)</i>	Indian Rupee
Student Chapter Member Fee:	1062.00
Professional Chapter Member Fee:	1200.00
Number who are ACM Members:	35
Next Election Date:	01-May-2020

Section 2 - Meetings and Recent Activities

Number of general meetings in the 2016-2017 program year	6
Average meeting attendance	30

1. WALL OF FAME 2016

Number in Attendance: 50

Cost of General Admission: 0

Cost to Chapter: 0

Abstract:

Start: 16-Aug-2016

End: 16-Aug-2016

2. MATLAB Seminar

Number in Attendance: 70

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: A guest lecture was organized by the IT Dept and ACM on 10th February, 2017, in the MJCET Seminar Hall on MATLAB environment and technical computation for the students of second and third years of IT department. The guest speaker was Dr. P.V. Rama Sharma, Professor EEE in Stanley College of Engineering and Technology for Women. Dr. Rama Sharma had enlightened the studies about the importance of MATLAB in Data Mining techniques and for Neural Networks. The session was in detail and very informative

Start: 07-Feb-2017

End: 08-Feb-2017

Section 3 - Upcoming Activities

1. Ethical Hacking

Abstract: The duration of this workshop will be two consecutive days with eight hours session each day, in a total of sixteen hours properly divided into theory and hand on practical sessions. At the end of this workshop a competition will be organized among the participating students where each participating student will get Certificate of Participation and the Winners will get Certificate of Merit

Start: 12-Sep-2017

End: 14-Sep-2017

Section 4 - Authorization & Signatures

Comments and Remarks: No comments or remarks

I hereby certify that the above information has been examined by me and to the best of my knowledge I believe that it is true, correct, and complete, and made in good faith for the fiscal year stated.

Authorizing Officer: Gouse Baig Mohammed - Faculty Sponsor

Section 5 - Finalize Report

The 2017 Report has NOT been finalized.

MJCET ACM Student Chapter - Reporting Year 2016

Section 1 - Member Information

Total Number of Chapter Members - Student	24
Total Number of Chapter Members - Professional	3
Currency: <i>(Use this currency for all financial figures)</i>	Indian Rupee
Student Chapter Member Fee:	1031.00
Professional Chapter Member Fee:	1160.00
Number who are ACM Members:	27
Next Election Date:	01-May-2020

Section 2 - Meetings and Recent Activities

Number of general meetings in the 2015-2016 program year	5
Average meeting attendance	21

1. Wall of Fame

Number in Attendance: 116
Cost of General Admission: 0
Cost to Chapter: 3000.00

Abstract:

Start: 22-Aug-2015

End: 22-Aug-2015

2. Soft Skills Short Term Course

Number in Attendance: 78
Cost of General Admission: 100.00
Cost to Chapter: 8240.00

Abstract: Soft skills Short term course will be conducted from 24 Aug to 29 Aug 2015. This will help the students to improve the communication skills.

Start: 24-Aug-2015

End: 29-Aug-2015

3. Smart Infrest 2015

Number in Attendance: 100

Cost of General Admission: 200.00

Cost to Chapter: 35200.00

Abstract: Smart Infrest a mega knowledge sharing symposium was organized on 17 th October 2015 by the ACM MJCET under the guidance of Association of Consulting Civil Engineers. Its main focus was on the operations, design, construction and occupancy of a building. Its vision is to promote sustainable communities in the form of integrated construction reflecting the significance of high performance buildings.

Start: 17-Oct-2015

End: 17-Oct-2015

4. Hackathon 2016

Number in Attendance: 40

Cost of General Admission: 0

Cost to Chapter: 6656.00

Abstract: Hackathon, an inter-college competition a programming event that requires the students to create a website or a web application as per the client s requirements, in a time span of 12 hours. Was conducted in collaboration with CSI MJCET with E-Cell MJCET and ACM MJCET. The theme for this year s Hackathon was Web Development .

Start: 21-Dec-2015

End: 21-Dec-2015

5. Mock Interviews for Final years

Number in Attendance: 100

Cost of General Admission: 50.00

Cost to Chapter: 8200.00

Abstract: Mock Interview Event is conducted by ACM student chapter in collaboration with the ORATOR S CLUB . Seniors were formally invited to share their experience of the MNC S of professional life with junior s and interviews was conducted by them . We heartly presents our gratitude to the seniors for giving their precious time and motivating us to shape our career in a better way. Feedback forms were distributed by the interviewer to the interviewee. so, that they can start working on their weak areas. We received very good response from the participants . The entire event happened in a fair and smooth manner because of the efforts of the attendees and volunteers.

Start: 30-Dec-2015

End: 30-Dec-2015

6. MATLAB Seminar

Number in Attendance: 70

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: A guest lecture was organized by the IT Dept and ACM on 10th February, 2017, in the MJCET Seminar Hall on MATLAB environment and technical computation for the students of second and third years of IT department. The guest speaker was Dr. P.V. Rama Sharma, Professor EEE in Stanley College of Engineering and Technology for Women. Dr. Rama Sharma had enlightened the studies about the importance of MATLAB in Data Mining techniques and for Neural Networks. The session was in detail and very informative.

Start: 10-Feb-2016

End: 10-Feb-2016

7. MATLAB Seminar

Number in Attendance: 70

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: A guest lecture was organized by the IT Dept and ACM on 10th February, 2017, in the MJCET Seminar Hall on MATLAB environment and technical computation for the students of second and third years of IT department. The guest speaker was Dr. P.V. Rama Sharma, Professor EEE in Stanley College of Engineering and Technology for Women. Dr. Rama Sharma had enlightened the studies about the importance of MATLAB in Data Mining techniques and for Neural Networks. The session was in detail and very informative.

Start: 10-Feb-2016

End: 10-Feb-2016

8. MATLAB Seminar

Number in Attendance: 70

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: A guest lecture was organized by the IT Dept and ACM on 10th February, 2017, in the MJCET Seminar Hall on MATLAB environment and technical computation for the students of second and third years of IT department. The guest speaker was Dr. P.V. Rama Sharma, Professor EEE in Stanley College of Engineering and Technology for Women. Dr. Rama Sharma had enlightened the studies about the importance of MATLAB in Data Mining techniques and for Neural Networks. The session was in detail and very informative.

Start: 10-Feb-2016

End: 10-Feb-2016

9. ADSOPHOS 2016

Number in Attendance: 120

Cost of General Admission: 0

Cost to Chapter: 35600.00

Abstract: Adsophos 16 College Student technical festival was conducted on 22 nd -23 rd Feb 2016 by the Department of IT. Many college students participated in the Adsophos. The events conducted were Paper Presentation, Project Exhibition Events at ITD Labs. Mrs. Fouzia Sayeedunnisa, Associate Professor and Mr. Mohd Asrar Ahmed Assistant Professor were the event coordinators. ACM Student chapter of the department was the part of fest.

Start: 22-Feb-2016

End: 23-Feb-2017

10. ENVISAGE 2016

Number in Attendance: 228

Cost of General Admission: 0

Cost to Chapter: 15800.00

Abstract: The Department of Information Technology, Muffakham Jah College of Engineering and Technology (MJCET) organized a Mini Project Presentation contest Called Envisage 2016 on 31st March 2016. Mr. Mohd Afroze and Mr. Sarfaraz Ahmed, were the event coordinators. All the students of Second and Third year students exhibited their Mini Projects and three batches from II and III year were given best mini project prizes and all the participated students were given the participation certificates.

Start: 31-Mar-2016

End: 31-Mar-2016

Section 3 - Upcoming Activities

1. WALL OF FAME 2016

Abstract:

Start: 16-Aug-2016

End: 16-Aug-2016

2. MATLAB Seminar

Abstract: A guest lecture was organized by the IT Dept and ACM on 10th February, 2017, in the MJCET Seminar Hall on MATLAB environment and technical computation for the students of second and third years of IT department. The guest speaker was Dr. P.V. Rama Sharma, Professor EEE in Stanley College of Engineering and Technology for Women. Dr. Rama Sharma had enlightened the studies about the importance of MATLAB in Data Mining techniques and for Neural Networks. The session was in detail and very informative

Start: 07-Feb-2017

End: 08-Feb-2017

MJCET ACM Student Chapter - Reporting Year 2015

Section 1 - Member Information

Total Number of Chapter Members - Student	16
Total Number of Chapter Members - Professional	4
Number who are ACM Members:	20
Next Election Date:	01-May-2020

Section 2 - Meetings and Recent Activities

Number of general meetings in the 2014-2015 program year	8
Average meeting attendance	25

1. Workshop on BIG DATA ANALYTICS

Number in Attendance: 110

Cost of General Admission: 300.00

Cost to Chapter: 110000.00

Abstract: This workshop aims to bring together people from both academia and industry to discuss on big data issues, case studies, tools, platforms, exchange ideas and thoughts in order to advance this big data challenge. The workshop will be beneficial for academicians and Research students who are working on real world problems on Big Data.

Start: 15-Dec-2014

End: 17-Dec-2014

2. ACM EMINNET SPEAKER PROGRAMME

Number in Attendance: 110

Cost of General Admission: 300.00

Cost to Chapter: 16000.00

Abstract: The ACM eminent speaker is Dr.Rajeev Gupta, IBM. For introducing about ACM to the students and faculty. Around 1.5 hrs session on Distributed Stream Processsing . After this talk, the students and faculty were encouraged to join the ACM student chapter. The elections were scheduled in May. This event promoted ACM student chapter in this way.

Start: 19-Dec-2014

End: 19-Dec-2014

3. ACM Eminent Speaker programme

Number in Attendance: 110

Cost of General Admission: 0

Cost to Chapter: 8124.00

Abstract: ACM Eminent Speaker Programme by Dr Y Raghu reddy, IIIT Hyderabad is conducting at MJCET, Hyderabad

Start: 04-Apr-2015

End: 04-Apr-2015

4. SOFTWARE TESTING TOOLS

Number in Attendance: 65

Cost of General Admission: 0

Cost to Chapter: 11335.00

Abstract: This guest lecture is being organized by MJCET ACM Student Chapter for the students who wants to excel an idea on Software Testing Tools. Dr Ganesh Iyer, Progress Software is the speaker of this event.

Start: 06-Apr-2015

End: 06-Apr-2015

5. ENVISAGE 2015

Number in Attendance: 185

Cost of General Admission: 0

Cost to Chapter: 12000.00

Abstract: Mini Project Poster Presenatation Event

Start: 18-Apr-2015

End: 18-Apr-2015

6. ELECTIONS 2015

Number in Attendance: 16

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: Different types of events will conduct to identify the good students.

Start: 28-Apr-2015

End: 28-Apr-2015

Section 3 - Upcoming Activities

1. Wall of Fame

Abstract:

Start: 22-Aug-2015

End: 22-Aug-2015

2. Soft Skills Short Term Course

Abstract: Soft skills Short term course will be conducted from 24 Aug to 29 Aug 2015. This will help the students to improve the communication skills.

Start: 24-Aug-2015

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3. Smart Infrest 2015

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Start: 21-Dec-2015

End: 21-Dec-2015

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Abstract: Mock Interview Event is conducted by ACM student chapter in collaboration with the ORATOR S CLUB . Seniors were formally invited to share their experience of the MNC S of professional life with junior s and interviews was conducted by them . We heartly presents our gratitude to the seniors for giving their precious time and motivating us to shape our career in a better way. Feedback forms were distributed by the interviewer to the interviewee. so, that they can start working on their weak areas. We received very good response from the participants . The entire event happened in a fair and smooth manner because of the efforts of the attendees and volunteers.

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End: 30-Dec-2015

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Start: 10-Feb-2016

End: 10-Feb-2016

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End: 10-Feb-2016

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Start: 31-Mar-2016

End: 31-Mar-2016

Section 4 - Authorization & Signatures

Comments and Remarks: Its difficlu to run the chapter without funds. I am putting the money from my pocket.

I hereby certify that the above information has been examined by me and to the best of my knowledge I believe that it is true, correct, and complete, and made in good faith for the fiscal year stated.

Authorizing Officer: N Md Jubair Basha - Faculty Sponsor

Section 5 - Finalize Report

The 2015 Report has NOT been finalized.



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

2018-19 CONSOLIDATED REPORT

CONSOLIDATED By

Deeba Mahreen

General Secretary, CSI-MJCET

2018-19

COMPUTER SOCIETY OF INDIA- MJCET

Having its existence since 1969, the Computer Society of India (CSI) has been instrumental in guiding the Indian IT industry down the right path. 72 chapters, 511 student branches and over 1,00,000 members including India's most famous IT industry leaders, brilliant scientists and dedicated academicians shows the growth of CSI.

CSI MJCET was initiated in February, 2014 by Mr. Owais Siddiqui, an active student and co. It is headed by Prof. Basheer Ahmed along with Prof. Md. Zainuddin Naveed, Prof. Meer Arshad Ali and Prof. K. Sridevi. The profound idea of CSI MJCET is to provide a platform to build and enhance the research process, knowledge sharing, learning, personality development and career enhancement in all the categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and helping them to integrate into the IT community.

CSI MJCET is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every student of the college.



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On HANDS-ON WORKSHOP ON PHOTOSHOP

**Organised by
CSI-MJCET**

REPORT PREPARED BY-

Deeba Mahreen
General Secretary
CSI-MJCET



DETAILS:

- Date: 18th August, 2018
- Time: 2:00 PM

- Venue: CIC Lab
- Registration fee:Rs 30/- for CSI Members
Rs 50/- for Non-CSI
Memebers



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 18th August, 2018

Hands-on Workshop on Photoshop

Photoshop is Adobe's photo editing, image creation and graphic design software. The software provides many image editing features for raster (pixel-based) images as well as [vector graphics](#). It uses a layer-based editing system that enables image creation and altering with multiple overlays that support transparency. Photoshop is widely used by photographers, graphic designers, video game artists, advertising and meme designers. Photoshop has indeed emerged to become the de facto imaging standard of our current scenario and requires a certain degree of skill and precision in order to master it.

CSI MJCET organized a cumulative “Hands-on Workshop on Photoshop” on the 18th of August with an objective to educate the participants regarding the basics of Photoshop wherein at the end of the session, they would be able to create a poster implementing all the basic features of this software. With over 70 active student participations from across the college, the workshop was a tremendous success wherein the students demonstrated a keen interest in learning and implementing the software.

The workshop was coordinated by Ms. Farheen Unissa, a final year CSE student and Tech Captain (CSI). Our instructors for the day were Mr. Santosh who is a final year CSE student as well as an avid photoshop enthusiast and Mr. Ishaq, a third year CSE student who also works as the Associate Design Head at CSI.

The workshop commenced with Mr Santosh briefing our audience with the basic tools and features of Photoshop. He spoke about the tools, layers, gradient and many other essential features. Throughout the workshop the participants demonstrated a sense of attentiveness and alertness by constantly asking questions and doubts. At the end of the first session the participants were given a short break for a duration of five minutes during which our CSI volunteers distributed refreshments.

The second session was led by Mr. Ishaq who brought some zing into the workshop by demonstrating to our participants how to create memes. This gave the participants an opportunity to dive deeper into their creative pool and explore their creative and innovative thinking.

The second session wrapped up by a competition conducted by our instructors. The participants were asked to implement what had been taught to them and create a poster. The competition was judged by Mr. Santosh, Mr. Ishaq, Mr. Shoeb, Ms. Farheen and Ms. Deeba who keenly evaluated all the entries on the basis of effort and finesse. The winners were awarded with cash prizes.

Overall, the workshop was a massive success and the students went away learning all the basic and key features which will surely benefit them in the long run.

WINNERS:

1. First Prize- Syed Ibrahim(CSED), 1st year.

2. Second Prize- Muneebuddin Adil(IT), 3rd year DCET.
3. Consolation Prize Winners- Shaharyaar Kutchi (CSED,2nd year), Putli Begum(CSED,3rd year) and M.Rahul(CSED,3rd year).

GLIMPSES OF THE EVENT.







SIGN:

Deeba Mahreen

General Secretary

CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On
PUZZLE HUSTLE
Organised by
CSI-MJCET

Report Prepared By: Deeba Mahreen
General Secretary
CSI-MJCET



The poster features the CSI logo at the top left and the title 'Puzzle Hustle' in a large, white, serif font. Below the title, there are illustrations of hands holding smartphones and a tablet displaying puzzle game interfaces. The background is a dark blue with a subtle geometric pattern. The event details are organized into two columns, 'ROUND#1' and 'ROUND#2', separated by a vertical red line. Round 1 features the Kahoot! logo and the text '<Kahoot!>'. Round 2 features a yellow circular icon with a white trophy and the text '<Logic Magic>'. At the bottom, the event's timings, venue, fee structure, and contact information are listed in a yellow font.

CSI Puzzle Hustle

ROUND#1

Kahoot!

<Kahoot!>

ROUND#2

Logic Magic

Timings : 3-Aug (2:00-4:00 PM)
Venue : CSE Lab-3
Fee : 50/- (Non-CSI Members)
Free - (CSI Members)

CONTACT : Mushtaq-9032175390 Sufyan-9989396044

DETAILS:

- Date: 3rd August, 2018
- Time: 2:00 PM – 4:00 PM
- Venue: CSE Lab-3

- Registration fee: Nil(CSI members)
Rs. 50/-(Non-CSI members)



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 3rd August, 2018

PUZZLE HUSTLE

CSI MJCET organized their first event for the academic year “PUZZLE HUSTLE” on 3RD August, 2018 to enable students ameliorate their presence of mind and help them to learn more about technology and also coordinate as a team. There were around 10 teams who competed in the event .

The event was hosted by CSI team which comprised of two rounds. In the first round named “KAHOOT”, the participants were required to enroll via an online portal and answer the questions displayed on the screen which were prepared by our team. The questions were designed exclusively to challenge the technical and critical thinking of the participants. The team which succeeded in answering the maximum questions accurately in the least recorded time were then presented with digital medals which served as their ticket to the final round.

The final round “LOGIC MAGIC” was a way to test the logical and reasoning skills of our participants. Each of the teams were given a list of logic based questions with multiple choice answers. The quickest team to answer the maximum questions accurately were declared winners.

The event received a tremendous feedback as the participants enjoyed throughout the event while learning and improving their knowledge on

technology and at the same time work as a team, not losing focus even under pressure. The winners were awarded with a cash prize.

WINNERS:

1. Mariah Banu and Syeda Juveria
2. Sayeed Uddin Shoaib and Syed Abdul Azeem

GLIMPSES OF THE EVENT:







SIGN:

Deeba Mahreen
General Secretary
CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On
CRYPT HUNT
Organised by
CSI-MJCET

Report Prepared By: Deeba Mahreen
General Secretary
CSI-MJCET

The poster is for a 'Crypt Hunt' event. At the top center is the logo for CSI MJCEIT, featuring a stylized 'S' and 'I' in a circle with 'MJCEIT' written above it. Below the logo, the title 'CRYPT HUNT' is written in large, bold, black letters. A magnifying glass icon is positioned over the 'R' in 'HUNT'. Underneath the title is the tagline 'How Cryptic can you be?'. A dashed line path starts from a location pin icon on the left, goes up and right, then down and right, then up and right, ending at a gold trophy icon on the right. Below the path, there are two round icons: one with a crossed-out 'X' and one with a location pin. The event details are listed in two columns: 'ROUND#1 CAN YOU SCAN?' and 'ROUND#2 BLIND HACK'. The date and time are 'Thursday, 4th October 3:00-5:00 PM' and the venue is 'CSE Seminar Hall (5th Floor)'. Contact information for Jahnvi (7702444777) and Sumaiya (8522883149) is provided. At the bottom, there are links to the website 'https://csimjceit.com/' and the Instagram profile 'instagram/CSI_MJCEIT/'.

DETAILS:

- Date: 4th October, 2018
- Time: 3:00 PM – 5:00 PM
- Venue: CSE Seminar Hall
- Registration fee: Rs.30/- (CSI members)
Rs. 50/- (Non-CSI members)



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 4th October, 2018

CRYPT HUNT

CSI MJCET organized “CRYPT HUNT” on 4th October, 2018 to promote critical thinking and enable students to test their presence of mind and help them coordinate as a team. There were around 31 teams who competed in the event .

The event was hosted by CSI team which comprised of two rounds. In the first round “CAN YOU SCAN”, all the participating teams were required to scan a set of QR codes which lead the teams to a series of riddles and hints. This round was designed exclusively to facilitate quick thinking and multitasking among the students. The team which succeeded in solving the riddles accurately in the least recorded time proceeded to the second round.

In final round “BLIND HACK”, the participants were tested on how they coordinate as a team. One of the team member was required to guide their partner to a hidden envelope which consisted of a secret code. On obtaining the secret code, the participants were required to enter the code accurately and unlock the given smartphones in one go. The teams which succeeded to do so in minimal time were declared winners.

The event received a tremendous feedback as the participants enjoyed throughout the event while learning and improving their knowledge and at the same time work as a team, not losing focus even under pressure. The winners were awarded with cash prizes.

WINNERS:

3. Syed Ibrahim Shakir and Rayyan Ghulam Ahmed (1st year, CSED)
4. Ali and Ayyan (1st year, CSED)
5. Muqueet and Shazia (2nd year, IT)

GLIMPSES OF THE EVENT:





SIGN:
Deeba Mahreen
General Secretary
CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On

THE CODECAMP

(An Initiative for ENGINEERS DAY)

&

EXPERT TALK on CAREER GUIDANCE

(By Mr. Tuba Ahmed)

**Organised by
CSI-MJCET**

REPORT PREPARED BY-

Deeba Mahreen
General Secretary
CSI-MJCET



Muffakham Jah College of Engineering and Technology



Computer Science and Engineering Department

In Collaboration with

Computer Society of India

Presents



A power packed coding bootcamp for beginners
[An Initiative for Engineers Day]

by

Aamir Khan

(Software Developer @Xtreme IT Solutions)

Mohd. Imad

(Software Developer @Xtreme IT Solutions)



Muffakham Jah College of Engineering and Technology



Computer Science and Engineering Department
In Collaboration with
Computer Society of India
Presents

ENGINEERS DAY CELEBRATION

Experts talk by

Tuba Ahmed

(Software Engineer @Service Now)

ON

CAREER GUIDANCE

DETAILS:

- Date: 15th ,22nd ,29th September and 6th October 2018.
- Time: 10:00 am to 4:00 pm
- Venue: CIC Lab
- Registration fee(For 4 days):Rs 50/- for CSI
&

Rs 100/- for Non-CSI
Memebers



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 6th October, 2018

THE CODECAMP-(An Initiative for Engineers Day)

The Engineering Community across India celebrates Engineers Day on 15 September every year as a tribute to the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya. In order to commemorate this joyous occasion Computer Society of India, MJCET conducted a 4-day powerpacked coding Bootcamp-The Codecamp, for beginners along with an expert talk on Career Guidance by Mr. Tuba Ahmed, Software Engineer-Service Now. During the talk, the students showed keen interest in learning and understanding about the various different careers prospects that lie ahead of them. Our speaker, Mr. Tuba Ahmed connected with the students effortlessly and familiarised them with the industry and the work ethics. This expert-talk enabled the students to gain perspective and gave them the required head-start in understanding the world of employment.

Coding is currently one of the fastest growing occupations, and it is getting more popular day by day. Learning how to code makes our students better thinkers and communicators. This leads to more innovations, which is certainly beneficial throughout life. Critical thinking and problem-solving are skills that are important way outside computer science. Coding requires analyzing different situations and thinking about what might happen and, when we translate this into real life skills, our students will learn how to make decisions that will make large and overwhelming goals easy to reach. Keeping this in mind, CSI-MJCET curated a 4-day intensive bootcamp wherein our students were thought the A-Z of basic coding skills in order to provide them with a solid foundation. It served as a vehicle through

which we were able to teach our students about technology and computation.

Codecamp, spanned successfully for a duration of 4-weeks where each week the students were trained in a new technology. The students were given an opportunity to simultaneously implement what is being taught to them by creating a hands-on environment which is essential to enable the participants to learn better.

The mentors of the Bootcamp were Mr. Mohammed Aamir Khan and Mr. Mohd Imaad who are currently working as Software Developers at Xtreme IT Solutions. Our mentors left no stone unturned in ensuring that each and every participant understood the concept and was on track with what was being taught. The initial weeks, the area of focus was HTML, CSS and Bootstrap. Our students were able to implement all these languages and create a skeleton for their project. After the students were comfortable with the basics, our mentors focussed on Javascript, SQL and C# .

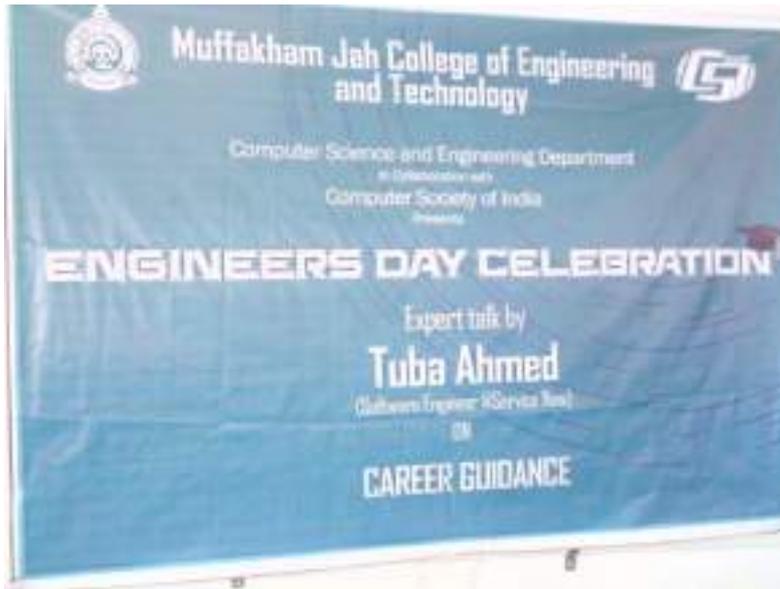
The Bootcamp was a massive success and received an overwhelming response of over 100 student participations from across the college. The sole purpose of the Bootcamp was to educate our young minds about the fundamentals of coding and instill within them a desire and passion for learning how to code. The participants actively demonstrated their keen interest and enthusiasm to learn and explore new things by continually asking questions and doubts to our mentors.

GLIMPSES OF THE EVENT.

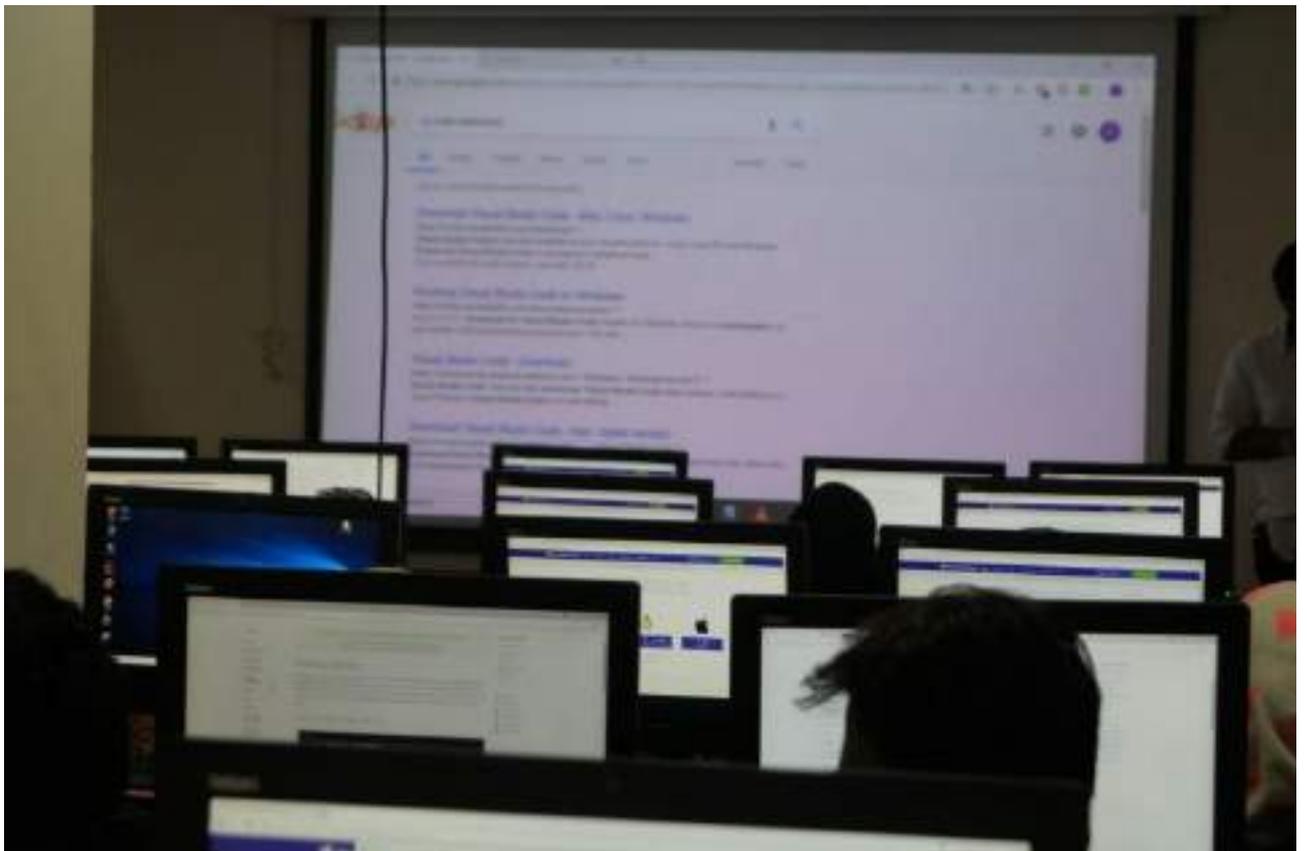
- **EXPERT TALK ON CAREER GUIDANCE**



Students listening keenly to our expert Mr Tuba Ahmed during the talk on “CAREER GUIDANCE”.



- **CODECAMP**











SIGN:

Deeba Mahreen

General Secretary

CSI-MJCET



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

A Report On

MJ-HACK REVOLUTION

Organized by

CSI - MJCET

On 27th January, 2019 at Ghulam Ahmed Hall,
MJCET

REPORT PREPARED BY-

Deeba Mahreen
General Secretary
CSI-MJCET



MJCET
INSTITUTE
INNOVATION COUNCIL
(An NHRD Initiative)

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY
PRESENTS

HACK REVOLUTION

POWERED BY



GRAB EXCITING CASH PRIZES UPTO 20K

27th JAN 2019



VENUE

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

REGISTER @ mjhackrevolution.com



CONTACT : Simran - 8686322306

Khizir - 9502248355



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 30th JAN, 2019

Muffakham Jah College of Engineering and Technology, continuing with its legacy of being in sync with the trending technologies, held this year's most awaited and anticipated event, HACK REVOLUTION on the 27th of January, 2019.

The event witnessed the collaboration of the brightest and sharpest minds across the city. The primary objective of the event were to spur innovation through creativity, inventiveness and resourcefulness. HACK REVOLUTION was a platform designed to foster a competitive, yet cooperative, and congenial culture for talented individuals. The energy and passion for programming and development was clearly visible among the participants. The participants were excited and thrilled by the prospect of learning, collaborating and being recognized by peers and enabling social change. With over 150 student participations in form of 40 teams hailing from the most distinguished colleges across the city including Vasavi, VJIT, MGIT, Deccan, Shadan and many more, this event vouched for a power-packed day filled with bursts of innovation and cutting-edge talent. This event was served as a preparatory step for our participants to excel in Smart India Hackathon-organized by the government of India and other globally acclaimed hackathons.

Prior to the main event the participants were enlightened with ongoing of a typical hackathon. A workshop names PREP TO HACK was orchestrated wherein the the speakers were experts who excelled at various hackathons conducted at college and intercollegiate level. They shared their experience and helped the participants to think from different perspectives. The speakers were Mr. Eliz Kotadia and Mustafa Hussain Siddique currently working as Associate Software Engineers at Service Now. They were also joined by Siddharth Sharma working as a Developer at SME Metrix. They enlightened them about the practicality that should be involved in every topic that the participants choose. Them being very experienced, was a great help for the participants. The participants reciprocated by sharing they doubts and asking queries that helped them think out of the box. The workshop witnessed participations of over 60 students irrespective of branch throughout the college. The second workshop was conducted by our own student and tech captain of CSI, Ms. Farheen Unisa. The workshop was designed for beginners to familiarise them with the basic technologies used in a hackathon such as database connection etc. the target audience was second year students, who seemed exceedingly fascinated with all the knowledge they gained.

To make the event exceedingly successful and gather talent from across the

city, the members of CSI collaborated with Ecell and went about different colleges of Hyderabad to enlighten them about the Hackathon taking place in MJCET giving them an equal chance to participate, which resulted in overall of 34 registrations. The colleges visited were Mahatma Gandhi Institute of Technology, Vasavi Institute of Technology, Chaitanya Bharati Institute of Technology, Gokaraju Ranjaraju Institute of Technology, Deccan College of Engineering, Methodist College of Engineering, Maturi Venkata Subba Rao Engineering College, etc. The volunteers went to CS and IT in the respective colleges and brief the students about the events and answered all the queries regarding the same.

This 15-hour coding marathon was high powered and spirited fiesta which was no less than a hacking extravaganza for computer nerds and gizmo geeks. It encouraged the hidden and upcoming talents among the students. It served as a platform to ideate and create interesting products and processes. The event was organized by the Computer Science and Engineering Department under the aegis of Computer Society of India (CSI) in joint collaboration with Entrepreneurship Cell (E-cell), MJCET.

The event was successful in attracting media in full force. News correspondents from various leading organizations including the likes of The Hindu, Enaadu and various other regional organizations such as Munsif, Siyasat etc showed their interest in knowing more about the event and its purpose and benefit for our society. Our student organizers left no stone unturned in their attempts of briefing them about the event and explaining all the major details and other significant factors. Hack Revolution gained extensive recognition in newspapers such as The Hindu, Enaadu, Hans India, Andhra Jyothi, Sakshi, Munsif and Siyasat which served as a reflection of the intensity of success of the event.

HACK REVOLUTION 2019, was sponsored by XIT Solutions, an organization that aims to provide state of art solutions to their clients and has managed to emerge as a industry leader in terms of client satisfaction, quality delivery and value. The second sponsor was Bothook, founded in 2016, an organization which helps the business grow and scale by using facebook chatbot. Our main sponsor XIT Solutions generously sponsored the cash prize of Rs 10,000/- given to the winners. Bothook took it upon themselves to look after all the printing expenses.

The event commenced at 7:00 am on the 27th of January 2019 and ran successfully for a 15-hour period up until 10:00 pm wherein the participants were required to develop their own project by selecting one of the 16 given trending themes. The participants programmed non-stop demonstrating sheer dedication and utmost passion for coding. The participants were served with tea at regular intervals to release their stress and to enable them to concentrate on creating a solid foundation for their project in the first session. Professional mentorship was provided by seasoned experts practicing in the industry which served as a great tool of guidance to our participants. The participants were seen interacting with the mentors throughout the course of the event. At the end of the first session at 2:00 pm the participants were served with lunch to give them a boost before their set foot in the second session of the day.

The second session commenced around 2:45 pm. All the participants seemed refreshed, rejuvenated and ready to get going with their projects. Reviews were

conducted at regular intervals wherein the the project ideas pitched by each of the teams were assessed by the judging panel comprising of industry experts including Syed Nisar Ul Haq- Technology Analyst, Infosys and Mohammed Imran Khan- Business Technology Analyst, Deloitte along with experienced academicians Syed Akbar Hashmi, Mohammed Arif Hussain and Mohammed Riyazuddin, Assistant professors, MJCET who analyzed all the projects keenly and gave their final verdict. Judges scored the projects respectively focussing on creativity, technical depth and usefulness in the real world.



Team “The Legions” of MJCET and DCET, consisting of Syed Abdul Khadeer Shabaaz, Syed Mudaseer Ul Haq, Syed Mohammed Ibrahim and Syed Adil Hashmi bagged the first prize of Rs.10,000 and were successful in impressing the judges. The project is aimed at providing one stop where one can store the digitalized keys. At present, people are facing a lot of difficulty storing the key as the risk of the hard key being lost is high. This project provided a solution to all the above problems at one stop. For this they provided an app from where the user could control his vehicle. They connected the device which is attached to the vehicle via the app to control the state of the vehicle. The aim of the project was to provide one stop solution to the existing problem by digitalizing this concept and provided security at both the Hardware level and Software level. Another could be we can store data on the cloud to apply the analytics to know the various events of the people so as to automate the schedule of the vehicle.



The second place was secured by Team “Solar Tech” of MJCET consisting of Sania Begum, Subiya Tamkeen, Putli Begum and Bushra Begum. They received a cash prize of 6000. The idea presented was to run existing sub-mersible pumps with solar energy without the use of batteries. In this project , for tracking of intensity of sun light and rotating the solar panel in the direction at which the sun light intensity is more, two LDR sensors were used to detect the light intensity and these were placed at either side of the solar panel .When the sun light falls on the solar panel , the light dependent resistor(LDR) senses the light intensity then resistance of that light dependent resistor will decrease automatically based on intensity of light ,that is sensed by the Arduino. Now the Arduino sends the control signal to the servo motor. Since the servo motor is connected to the solar panel, when the servo motor rotates due to the control signal given by the Arduino then the solar panel also rotates. Finally solar panel rotates where the light intensity is more, thus gaining more power than a normal panel. Hence the gained power is 40% more than the normal solar panel.



Team “NoConsole” of MJCET won the third place consisting of Uzair Fasih, Habeeb Ahmed, Omer Bin Ali and Javeed Syed. NoConsole was a online video game console that brings back multiplayer in the most intuitive way for a modern environment. The users play together in the browser on their screen and use their smartphones as gamepads. The NoConsole leverages web technologies to provide an authentic console gaming experience without the need of any hardware. The NoConsole platform was built on technologies such as NodeJS, Socket.io, react-native, VueJS and much more middleware. The basic idea behind the NoConsole was to make use of Mobile Devices as controllers while the PC can remain as the main screen enabling couch gaming experience of most game consoles. The UI for controllers was built using react-native communicating with a server written in NodeJS using sockets. The server then communicates with the frontend written in VueJS. Requiring no hardware that players don't already own, NoConsole was the perfect entertainment system to play games anywhere, with anyone, at any time. Anyone can join by using the master’s code and smartphone as their gamepad. NoConsole also offers app on Android phones. Downloading these apps in order to get the best full-screen experience, better connectivity and the option to create an NoConsole profile where you can choose your nickname and profile picture. Also, hassle free connectivity using QR code. There was no need to be connected to the same Wi-Fi to be able to play together.



A Consolation Prize was distributed to team “Anonymous Assembly” consisting of Isra Azizunissa, Batul, Maaz Jalal Syed, Ramsha Samreen seeing their zeal and enthusiasm was sponsored by the judges.

Mr Zafar Javeed, Hony. Secretary, Sultan Ul Uloom Education Society and Dr. Basheer Ahmed, Advisor-cum-Director, MJCET, expressed their pleasure over the successful conduct of the Hackathon and congratulated the winners.

Mr. Ferhatullah Hussainy (Dean Administration), Dr. A. A. Moiz Qyser (Head-CSE), Dr. Syed Shabbeer Ahmad (Associate Head-CSE), Mr. Md. Zainuddin Naveed (CSI Mentor), Mr. Md Mateenuddin (Network Admin) and student incharges Ms. Simran Sindhwani, Ms. Rukshsar Solkar, Ms. Sai Nikita, Mr. Shoeb Waheed, Ms. Deeba Mahreen, Mr. Khizir Rizvi, Mr. Kashif Asim, Mr. Uzair Yahya and other students of CSI and E-cell coordinated the event.

GLIMPSES OF THE EVENT











CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On ADSOPHOS REPORT 2019

**Organised by
CSI-MJCET**

REPORT PREPARED BY-

Deeba Mahreen
General Secretary
CSI-MJCET



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 15th FEB, 2019

ADSOPHOS REPORT 2019

Adsophos is a technical fest that plays an important role in the college curriculum. From facilitating and enhancing networking skills to helping students get better at management and speaking skills, this season of college fests provide students, a great learning curve, amassing things they'd label as 'wonderful memories' after they graduate. The learning that happens at a fest, be it the experience of being a team player, is no match to a classroom atmosphere. It builds the feeling that you're part of the college. It is one such event where young brains get to showcase their skills and compete with others to find the best. It is not just about the competitions but also events where a lot of those new ideas are seen live to teach and inspire youth. It signifies the need to work together for success. Such inspiring events happened in MJCET, just like every year.

Every year, the students of **Computer Science and Engineering Department** leave no stone unturned in working relentlessly and putting up an immaculate array of project displays which not only showcase their exemplary passion for the subject but also emphasize their creativity and innovation. The theme for CSE Department was "**Silicon Valley**". The students of CSE Department organised around 11 events in labs which were no doubt very well organized and attracted a lot of people with their creativity. CSE students showcased their creativity by decorating labs with related events theme and decorating the CSE department with the department theme that is silicon valley. On the other hand CSE students showed complete innovation, right from day 1 until adsophos in making and displaying projects. CSE department's projects ranging from complete software projects to a tint of hardware were a huge success.

CSE DEPARTMENT 2019 EVENTS



1. The Lost Martian:

Knowledge has enabled us to make all the advancements in the science and technology spheres that we have been able to achieve. It has made us far more capable, superior and sophisticated beings on this earth. This event proposes to test participant teams based on a variety of factors: not simply knowledge, but understanding, application of knowledge, syntax, and problem solving. In the first round, participants were shown a series of images that collectively hinted to meaningful words related to outer space. In addition, the next round was about exploring and finding the correct file in vi editor that in turn had a logical mystery to be solved. The event was a huge success with about 28 teams participating on both days of adsophos.



2. Stock Fray:



Making money in the stock market is not as important as knowing how it is made. This event was like a window into a very large world that helped participating teams to understand the nuances and test investment strategies. Initially all the participating teams were given equal no. of shares at the same initial price followed by an iterative phase, in each phase a video was shown with situations like disaster and another phenomenon which helped the participants determine the condition of stocks, sell or buy shares in each phase with sole aim of gaining profits. In the next round, participants were shown varying objects on screen for which they had to guess their price. With each correct answer, they move forward on a path. The event was a success with around 25 participant teams.

3. The Breach Gate:



The path of our lives is determined largely by the choices we make and the decisions that we take, we have to make sure ours are confident and clear. Round 1: Alohamera was a range of evolving riddles presented. The participating teams had to solve these riddles as soon as possible, in order to escape the room for the next round. Round 2: The Bandersnatch, in which the teams qualifying the Alohamera round were given a mystery with multiple endings driven by the choices they can

make to solve it. Participating teams needed to wisely choose their path through the mystery in order to solve it. The event was a hit with 29 participant teams.

4. Auction Mania :



Everyone must know how it feels to have a cricket team of their own and Auction mania get them this feeling. They had to create a team of 11 from the player squads and those players earned them points based on their ratings. The finalists had to answer one questions on programming which was the deciding factor. The event attracted many cricket enthusiasts and was a monumental success attracting participants in huge numbers.

5. Unweave the web :



With a wide array of mind-block games, this was one event, which breached the boundaries of your technical lore. Mind block games like segregation of gems according to their color, towering of cups and juggling the table tennis bat were organized along with answering a few questions, the participants also toggled speaking for and against a topic whenever SWITCH is commanded for one minute.

In the next round, after arranging the ping pong balls into the given arrangement of glasses, one member had to type the given piece of code on a switched off monitor with minimum errors. Team with the best performance and coordination won.

6. Pixelathon:



Photoshop makes things look beautiful but at the same time, everyone should have a knack on how to use it effectively. Teams were given a theme for which they had to design a poster in a given time. The poster illustrating, interpreting and emphasizing the theme won. The main aim of this event was to gather creative people interested in editing and compete with one another.

7. Paper Presentation:



Providing an opportunity for student researchers to disseminate their latest research results in various fields of engineering, we organized a paper presentation event. This event turned out to be an excellent platform to showcase their original ideas and comprehensive technical research and exchange views on the future research directions in various fields of science and engineering.

8. Arena 5 :



Virtual reality is a technology that could actually allow you to connect on a real human level, soul-to-soul, regardless of where you are in the world. Any real virtual reality enthusiast can look back at VR science fiction which was not about sitting in a room playing video games. It's about being in a parallel digital world that can exist alongside our own.

Arena 5 enabled the participants to experience virtual reality in a way like never before.

9. Expecto Techtronum:



This event was designed to test the participants of their technical as well as creative take of scenarios. The event comprised of 3 rounds wherein the first round “**Avada codevara**” the participants were given a paraphrase which was ciphered. The qualifying participants would proceed to the second round “**Spelliarmus**” in which a technical glossary would be displayed on the screen for a duration of 10 secs in regard to which they would be asked questions. The participants were tested on the factors of quick thinking and spontaneity. The event proved to be a great success with a total of 20 participating teams.

10. Infinity:

With a wide array of mind-block games, this was one event, which breached the boundaries of your technical lore. In the first round “**Hawk Eye**”, the players were given a puzzle to decode. The qualified teams proceeded to the next round, “**Code Hunt**”. This round was no less than a technical treasure hunt, wherein the teams were required to decipher a secret code. The teams which succeed to do in the least recorded time were declared winners. This event was designed to instill within our participants the essence of communication and teamwork.

11. Mastermind:



“Knowledge never goes in vain”.

Keeping this in mind the students of Computer Science and Engineering Department conducted their event who wants to be a “Mastermind”.

The participants were asked a series of questions related to new and upcoming technology as well as General Knowledge questions.

With the help of Correct lifelines quick thinking and instincts, the participants were crowned with the title of the ultimate “MASTERMIND”

CSE DEPARTMENT 2019 PROJECTS DISPLAY **(TECHNOVANZA)**

1. AUTOMATED PLANT WATERING SYSTEM

Plant watering is the most important practice and most labour intensive work. No matter which ever weather it is hot, dry, cloudy or wet, we need to water the plants regularly. But this manual process is a hectic process which involves two activities when and how to water the plants and how is going to water the plants when we are away from our Home.

So our proposed project aims to decrease the burden of watering the plants on the User by automating this process. In proposed system we have Node mcu microcontroller which acts as a controller between different sensors and monitors them. It regularly calculates Soil moistures and whenever the moisture level goes below the threshold limit. Node mcu automatically switches On the motor and water the plants sufficiently according to the requirement of Plants.

“It was a great experience. As we were from different years so we were immensely glad and excited in sharing our knowledge with each other. Our juniors felt very much motivated and

excited throughout the Project Display. I thank CSI(Computer Society of India) and our college managements for encouraging us and giving us such a great opportunity for displaying our project and encouraging us regularly by conducting different competitions and Workshops at every level of our Academics.”



Developed by-

Mohd Hasanath Hyder (1604-15-733-309)
Syed Manzoor Ahmed(1604-15-733-303)
Anas Abdul Haleem Faizi(1604-16-733-083)
K.S.Phani Chandra(1604-17-733-022)
Mohd Ilyas Ahmed(1604-17-733-029)

2. SMART KEY

Consider yourself in a situation where you are in an emergency and unfortunately you couldn't find your key. There is no alternate but to find a key maker. The smart key comes handy in those cases. This application allows you to connect your phone to your bike, unlock it and have a move. You get a safe way out of that situation.

“Just connect and Drive”

In cases where you lost the key and you are in emergency our app would help you in that. An IoT project helping you unlocks the vehicle under the click of a button. The components included an arduino programmed chip which managed the lock status of the bike. An android

app where the users were authenticated using the cloud (Firebase). Once the user logs in, he sees all his keys in the dashboard using which he can unlock his vehicle. The novelty in our project was the concept of able to share the key with others so that they have one-time access to your bike.

“It was a great fun learning for us who usually remain unexposed to such a competitive environment. We had exposure to the technical environment. This was a great opportunity helped us in improving our communication and technical knowledge .We learnt technologies we were unfamiliar with in the process of completing our project. We guess the crucial factor in success of any project is the teamwork and the event has given us opportunity to improve it. “



Developed by:

1. Syed Abdul Khader Shahbaaz 1604-16-733-093
2. Mohammed Ishaq 1604-16-733-097
3. Arish Rahil Shah 1604-16-733-088
4. Syed Arfath Mujtahedi 1604-16-733-095
5. Hasan Sayeed 1604-17-733-104

3. BLIND VISION

Being able to automatically describe the content of an image using properly formed English sentences is a challenging task, but it could have great impact by helping visually impaired people better understand their surroundings. Most modern mobile phones are able to capture photographs, making it possible for the visually impaired to make images of their environments. These images can then be used to generate captions that can be read out loud to the visually impaired, so that they can get a better sense of what is happening around them.

In this project, we use a deep recurrent architecture that automatically generates brief explanations of images. Our models use a convolutional neural network (CNN) to extract features from an image. These features are then fed into a vanilla recurrent neural network (RNN) or a Long Short-Term Memory (LSTM) network to generate a description of the image in valid English. Our models achieve comparable to state of the art performance, and generate highly descriptive captions that can potentially greatly improve the lives of visually impaired people.

“Explaining a technical project to a heterogeneous audience was quite a task. But it was a good learning experience. We learned how to break down complex deep learning aspects to simple concepts to explain the project to school students. On the other end of spectrum were domain experts. We learned ways to extend and improve our project by interacting with them.”

Developed by:

1. Syed Souban CSE Final year
2. Syed Imaad UI Hasan CSE Final Year
3. Naseer CSE III Year



4. VOICE CONTROLLED BOT:

In this project, **we control the movements of the vehicle using voice commands from the user.** It is made to help handicapped people to travel on their own by giving voice commands. The voice commands will be issued at the Android Application on the user's phone which is connected to the robot using a Bluetooth Module. The goal of Voice Controlled Bot is to listen and act on the commands received from the user.

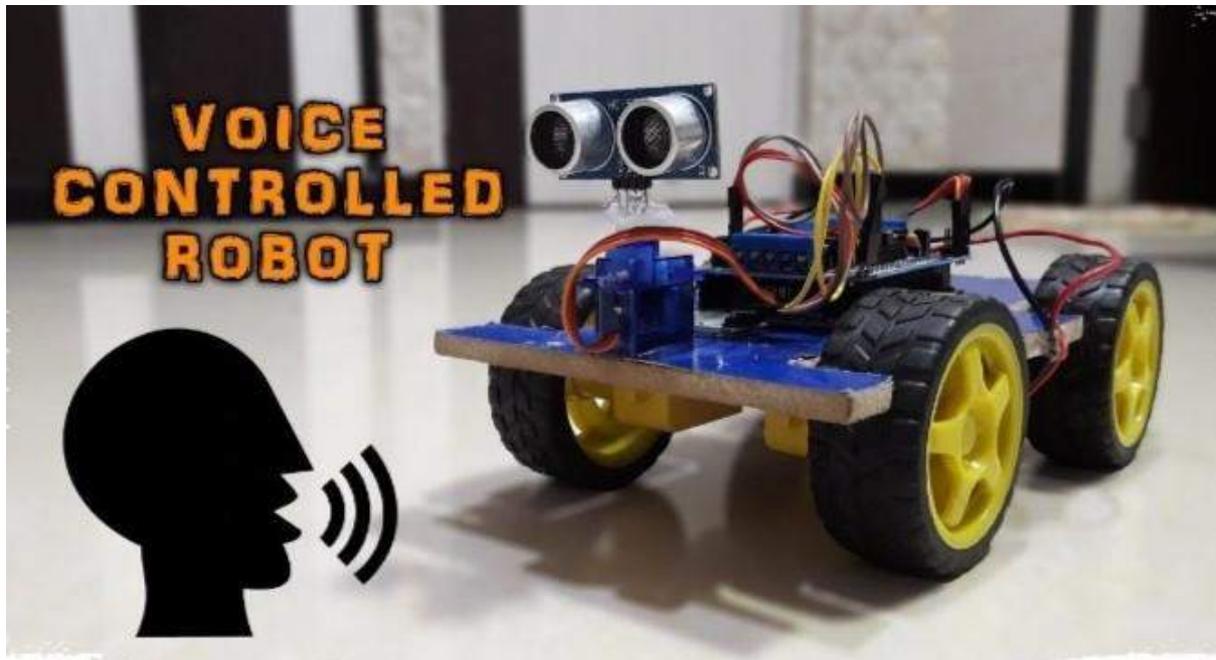
“It was a great experience working on it. we have known how difficult it is for a handicapped person to travel. We are happy that we were able to achieve our goal of helping the handicapped people.”

Developers- Subiya Tamkeen (1604-16-733-070)

Sania Begum (1604-16-733-072)

Putli Begum (1604-16-733-313)

Hajera Begum (1604-16-733-316)



5. SOLAR TRACKER-

Our idea is to use the solar energy to the maximum extent possible. In our project , We are tracking the intensity of sun light and rotating the solar panel in the direction at which the sun light intensity is more ,thus gaining more power than a normal panel. The gained power is **40% more** than the normal solar panel.

“ It was a great experience working on it. we have known that it is really important for us to use the solar energy to the maximum extent possible. We are happy that we were able to use renewable resources in an efficient manner.”

Developed by :

Subiya Tamkeen (1604-16-733-070)

Bushra Begum (1604-16-733-315)

Hajera Begum (1604-16-733-316)



6. B-PAY:

Our project B-Pay is powered by Radio frequency identification technology and inspired by endless possibilities. Ever thought of Smart travel? When it comes to smart, Radio frequency identification is popping up everywhere. We are using this technology to make your travel experience extremely convenient. Just use your RFID tag to swipe in and swipe out while you travel cashless. Makes travelling convinient and hassle-free for everyone and life saving solution to someone who is visually impaired.

While making this project we experienced a lot of exposure to hardware technologies and making them work with a real time hosted website and software application.

"To us, teamwork is the beauty of our sport, where you have five acting as one. You become selfless. If everyone is moving forward together, then success takes care of itself."

Developed by:

Farheen Unissa (1604-15-733-068)

Ansar (1604-17-733-057)

Rasheeda (1604-15-733-062)



7. SONIC VISION:

Sonic vision helps blind people navigate easily by detecting the nearby obstacles using the help of ultrasonic waves and notify them with buzzer sound. By wearing this device, they can avoid obstacles and navigate freely without any worries. The aim of the device is to develop a cheap and more efficient way to help visually impaired human beings walk the streets with comfort and confidence.

The device can be worn as a band or like a piece of cloth over an arm and it will start functioning automatically. Our basic aim is to help the visually impaired not feel left out in a world where being a challenged person is considered as weak.

“Our experience displaying was amazing and we had a lot of learning phases that we went through while making this project. Being CSE students it was difficult for us to understand the concept of the hardware but as soon as we got the tune of it and with the help of our college professors, we were able to complete and present our project in the event.”



Developed by- Mohd. Sufyan Ali (1604-16-733-101)
Syed Shah Nooruddin Hussain (1604-16-733-087)
Abdul Bari (1604-16-733-105)
Bhayani Moiz Ali (1604-16-733-119)
Mushtaq Mahboob (1604-16-733-099)

8. SMART BIN

Open trash due to littering has made our cities look and feel unpleasant as it pollutes the air, water and soil, and also spreads diseases. This can be reduced to a maximum extent by using a setup which will trigger an alarm whenever the waste material is thrown outside the bin, which in turn does not allow the garbage to lie on the ground around the garbage bins. Our system centralizes smart garbage system by warning the people through a voice message whenever the waste material is thrown outside the bins, so we call it a “Smart Bin”.

“The idea of displaying our project was one of the best decisions so far. It was a tremendous experience where we all realized our hidden talents, improved our communication skills and learnt many new things such as handling the crowd, explaining the same content to hundreds of people in different styles with the same enthusiasm. We got excellent reviews and positive responses from our audience. Few people were so impressed and suggested us many new ideas to add to the future enhancement of our project. We are blessed and overwhelmed to get such a great opportunity to explore new stuff and we would like to thank our college for this opportunity.”



Developed By- Farhath
Munazzah Jabeen
Amera Firdous
Renadh Fatima

9. EVENTS INFO-MJCET CHATBOT

A chatbot is an artificial intelligence (AI) software that can simulate a conversation (or a chat) with a user in natural language through messaging applications, websites etc. This chatbot is aimed to make the marketing and registration process of Student chapters easier. This chatbot can be accessed from Facebook messenger and is available 24/7. Students can get the complete info of any event conducted in MJCET through this chatbot. The chatbot also offer a way for the students to register for any desired events. The events organizing team will get the information of all registered members in an Excel sheet.

“In this project's display, I learned many things and had a great experience. The senior were very much cooperative and taught me a lot of things. The best part was, I was invited for an internship by a fellow senior. The management of the projects display was done amazingly well. Had a great time.”



Developed by- Azhar Ali (1604-17-733-089)

10. SMART TAP

Water is an indispensable resource and we ought to save it as much as possible. As the population grows, needs and demands grow, and these demands are directly or indirectly related to water. Almost every activity of ours is complemented by water.

Despite the obvious depletion of water resources, people continue to be ignorant towards the cause of saving water; they leave the taps open for long idle periods. Our project “Automatic Water Dispenser using Arduino”, consists of an ultrasonic sensor (solenoid valve) that begins to dispense water as soon as it senses an object such as a glass or a hand, and continues to do so as long as the object is in the sensor’s proximity; as soon as the object is withdrawn, water flow stops, preventing the need to explicitly close the tap thereby saving water.

The dispenser is cost-effective, affordable and made from simple components, unlike most new-age dispensers. The automatization of water flow will surely preserve water as machines are more responsive than humans.

“Adsophos gave us the much-needed exposure and an opportunity to discover our confidence. The responses motivated us to make better and bigger endeavors. Coming together was the beginning of our project and working together is what made it successful. The period of project development and display was such a great experience that involved learning, fun and much more. It was truly an enriching experience.”

Developers:

Juveria Khatoon - 1604-16-733-062 (CSE-B)
Hafsa Taneem - 1604-16-733-066 (CSE-B)
Kausar Fatima - 1604-16-733-077 (CSE-B)
Uroosa Sania - 1604-16-733-080 (CSE-B)



11. VOICE FOR THE VOICELESS

Deaf and Dumb people rely on sign language interpreters for communications. A real time Sign Language Recognition system is designed and implemented using Machine Learning to recognize gestures from the sign Language by hand gesture recognition system for text generation which converts to voice. This system introduces efficient and fast techniques for identification of the hand gesture representing an alphabet of the Sign Language. The signs are captured by using web cam. The extracted features are compared by using pattern matching algorithm. In order to calculate the sign recognition, the gestures are compared with testing database and Machine learning models. Finally, recognized gesture is converted into text and voice.

“The entire process was an educating and inspiring experience that helped us not only in identifying and improving our skills but also in recognizing our strengths and weaknesses as an individual and as a team member which was very useful for learning how to work effectively in teams. The beauty of team work and group project related was, though each person wants to have control over the idea or methodology of the work and do things in his/her way, we listened to others and then expressed our opinions respectfully without impositions. Although you might not believe it, sometimes other people could have better ideas than you, or even offer another outlook that you haven’t considered. Adsophos brought

us an opportunity to bring out the best in us to innovate and create something useful and beneficiary for the society. The response from the faculty, students and parents has motivated us to do more such kind of projects”.

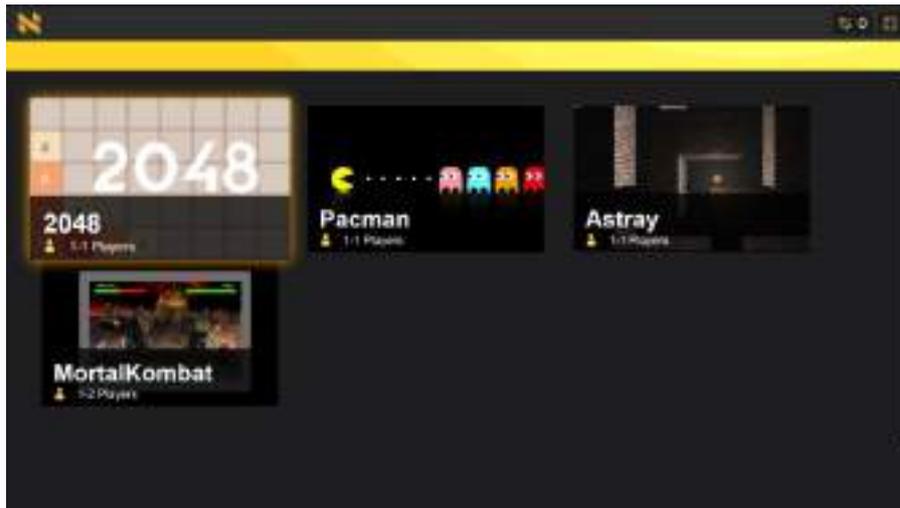
Developed By:

- 1.Mohammad Areebuddin -1604-16-733-046 (Team Leader)
- 2.Syeda Rimsha Hameed-1604-16-733-002
- 3.Mohd Faizan Mohiuddin-1604-16-733-038
- 4.Sultan Hussain-1604-16-733-032
- 5.Khaja Mohammad Owais Junedi- 1604-16-733-060



12. NOCONSOLE

NoConsole is a online video game console that revisits gaming in a modern internet friendly approach for a modern environment. The users play together in the browser on their screen and use their smartphones as gamepads. Requiring absolutely no hardware that players don't already own, NoConsole is the perfect entertainment system to play games anywhere, with anyone, at any time.



Developed by: Uzair Fasih
Habeeb Ahmed
Omer Bin Ali

13. TEXT READER FOR VISUALLY IMPAIRED

Adsophos provides a great platform for students from various branches to display projects, to share our ideas with others, give and receive feedback.

Displaying project at Adsophos 19 lead us exploring the latest technologies and bringing it to live by applying it for the betterment of our society.

The domain of our project is vision-computing which one of the booming technologies of the decade. So our project “Text reader for visually impaired people” is an interface for visually impaired people (like people suffering from migraine, cluster’s...) which allows them to cover any text image to speech. The user just need to scan the image and can listen the audio of the text

in the image. The project has been developed using python language. The primary motivation is

to provide a visually impaired person with a friendly speech interface with computer and to allow such people which are physically and visually challenged to use the system to read printed text on the go.

“We enjoyed displaying our project, and also had great fun during the development phase. As it

brings out great coordination and strengthen the bond among the peers. Hence Adsophos at MJCET completely justify the quote

“Coming together is the beginning, keeping together is progress, working together is success, Thinking together is invention” -Henry Ford.”

Developed by:

Mubeena Nishath

Hina Khaton

Fatima Mahmood Rabia Kauser

Saif Sufiyan



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On
TECHNO LEAGUE
Organised by
CSI-MJCET

Report Prepared By: Deeba Mahreen
General Secretary
CSI-MJCET



DETAILS:

- Date: 1st March, 2019
- Time: 2:00 PM – 4:00 PM
- Venue: Student Activity Center
- Registration fee: Rs. 30/- (CSI members)
Rs. 50/- (Non-CSI members)



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 1st March, 2019

TECHNO LEAGUE

CSI MJCET organized “TECHNO LEAGUE” on 1st March, 2019 to enable students ameliorate their presence of mind as well as logical reasoning and help them to learn more about technology and also coordinate as a team. There were around 15 teams who competed in the event .

The event was hosted by CSI team which comprised of two rounds. In the first round named “MYSTERIO MODE, the participants were tested on the basis of their compatibility and ability to communicate effectively as a team. Each of the teams were given a set of placards on which were displayed certain catchphrases and terms related to new and upcoming technologies. The participants were required to explain the terms to their teammates by merely using gestures. The team which succeeded in accurately identifying the maximum terms in the least recorded time would proceed to the final round.

The final round “BID TO WIN” was a way to test the tactical and strategic skills of our participants. Each of the teams was required to bid in order to answer the questions projected of the screen. The questions projected were both technical and related to the software industry. The team with the most calculated approach using which they succeeded in answering the maximum questions accurately were declared winners.

The event received a tremendous feedback as the participants enjoyed throughout the event while learning and improving their knowledge on technology and at the same time work as a team, not losing focus even under pressure. The winners were awarded with a cash prize.

WINNERS:

6. Shamekh and Fazil (1st Place)
7. Soheb and Ehtesham
8. Shabbar and Satya

GLIMPSES OF THE EVENT







SIGN:
Deeba Mahreen
General Secretary
CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On
SPORTS RENDEVOUS-(CSI SPORTS DAY)
Organised by
CSI-MJCET

Report Prepared By: Deeba Mahreen
General Secretary
CSI-MJCET



DETAILS:

- Date: 2nd March, 2019
- Time: 9:00 AM– 4:00 PM
- Exclusively only for CSI Members



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 2nd March, 2019

SPORTS RENDEZVOUS

CSI MJCET organized “SPORTS RENDEZVOUS” on 2nd March, 2019 to enable the students eliminate mental exhaustion and promote team spirit. This event served as a means for the students to extensively bond with each other whilst enjoying themselves and celebrating the spirit of sport. It was the most awaited day for the CSI family to join together and commence the day with epitome of energy, zeal and style.

It served as a great opportunity for the CSI members to play, unite and win. The students were divided into batches and each batch then competed amongst each other in various sports. Football, cricket, Badminton, Basketball, Carrom were among few of the sports which were played enthusiastically by our students. The winners in each of the genre were given medals.

“Sports Rendezvous”, was not only a chance for the students to perform but served as a great opportunity to outperform and re-energize themselves. It was conducted with the spirit of having fun, being physically active, learning the fundamentals of sports and building team spirit. It was an opportunity to display self-confidence, patience, zeal and sportsmanship.

WINNERS:

1. FOOTBALL(BOYS)

- Ibrahim
- Muneeb
- Sartaj
- Kamran
- Riyan
- Jawad

2. CRICKET(BOYS)

- Omer Bin Ali
- Shoeb Waheed
- Rizwan
- Azhar
- Asif
- Hanif

3. CARROM DOUBLES'S WINNERS(BOYS)

- Hanif
- Azhar

4. BADMINTON DOUBLE'S WINNERS(BOYS)

- MD Azhar Ali
- MD Shavez

5. BADMINTON DOUBLES'S WINNERS(GIRLS)

- Simran
- Rukhsar

RUNNER UPS

- Farheen
- Mymoona

6. CARROM WINNERS(GIRLS)

- Amera

RUNNER UP

- Farhath

7. TABLE TENNIS WINNERS(GIRLS)

- Mariah

RUNNER UP

- Deeba

GLIMPSES OF THE EVENT





CRICKET FINALS !



SIGN:
Deeba Mahreen
General Secretary
CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On

WORKSHOP ON ANDROID APP DEVELOPMENT

**Organised by
CSI-MJCET**

REPORT PREPARED BY-

Deeba Mahreen
General Secretary
CSI-MJCET



DETAILS:

- Date: 14th and 15th March, 2019.
- Time: 9am-4pm
- Venue: CIC Lab
- Registration fee:Rs 50/- for CSI &
Rs 100/- for Non-CSI



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 15th March,2019

WORKSHOP ON ANDROID APPLICATION DEVELOPMENT

In this recent competitive age mobile is becoming indispensable for us. Starting from in-house to public applications the use of the devices becomes more prevalent. So building a career all around the Android training, programming applications is a wise decision. Learning Android App Development is a great thing to do because there is so much going on in this area. It's a profit-making profession on high demand. There are many innovative ideas in the mobile applications market, and the [growth of new technologies](#) that will improve the mobile environment assure us a great outcome for the investment in these type of careers.

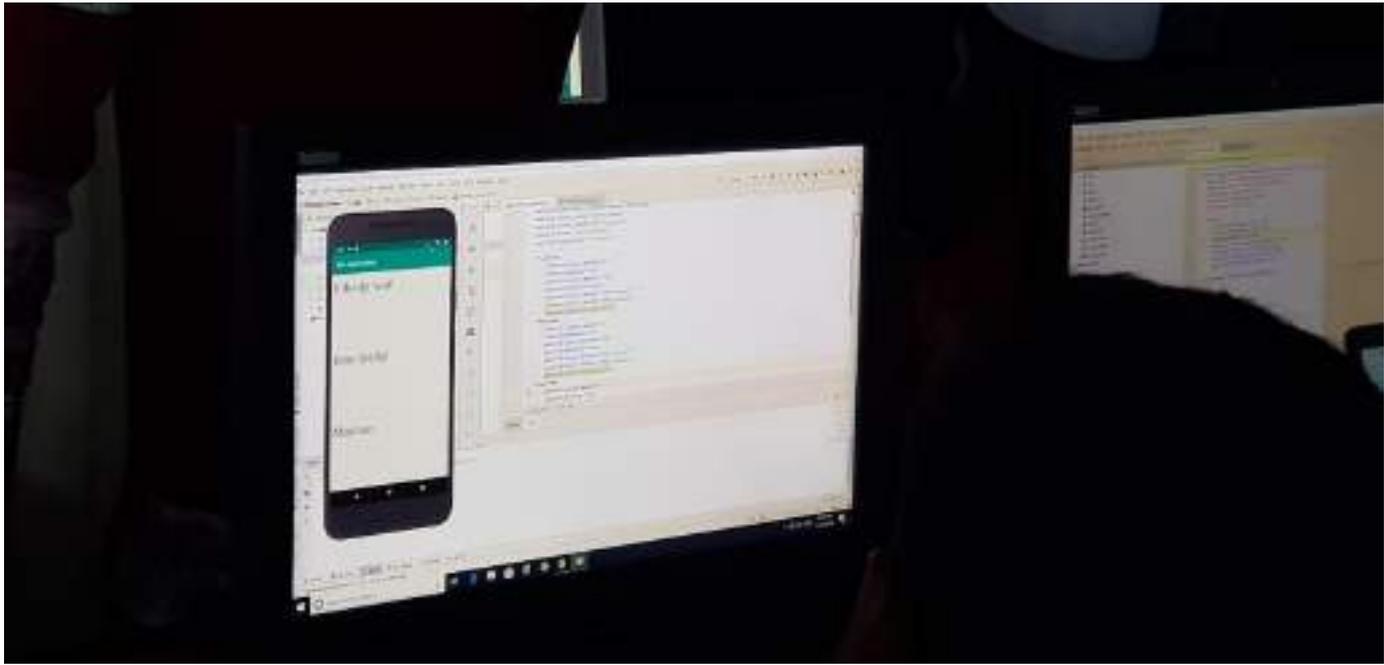
Computer Society of India (CSI,MJCET), organized a comprehensive hands-on workshop on the basics of Android Application Development. The workshop was designed to familiarise the students with new and upcoming technologies such an Android. The workshop was conceptualised and executed by Mr.Syed Souban, a final year CSE student and Tech Head on CSI. The participants were first familiarised with the introduction to Android and Layouts. The students then followed a step by step procedure to design a Snapchat Landing Page to give them a hands-on experience of the core basics. At the end of the first day the students were well aware of the Android Basics. The second day started off with introduction to HTTP Request using volley. Mr.Uzair Fasih, final year CSE student

and Tech Head of CSI guided the students to create a weather application. The mentors also shared with the students different platforms and sources which would benefit the students to learn more in the field of Android Development.

The workshop was a massive success and received an overwhelming response of over 60 student participations from across the college. The sole purpose of the workshop was to educate our young minds about the fundamentals of android. The participants actively demonstrated their keen interest and enthusiasm to learn and explore new things by continually asking questions and doubts to our mentors.

GLIMPSES OF THE EVENT.







SIGN:

Deeba Mahreen

General Secretary

CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

2017-18 CONSOLIDATED REPORT

CONSOLIDATED By

Rahila Khan

General Secretary, CSI-MJCET

2017-18

COMPUTER SOCIETY OF INDIA- MJCET

Having its existence since 1969, the Computer Society of India (CSI) has been instrumental in guiding the Indian IT industry down the right path. 72 chapters, 511 student branches and over 1,00,000 members including India's most famous IT industry leaders, brilliant scientists and dedicated academicians shows the growth of CSI.

CSI MJCET was initiated in February, 2014 by Mr. Owais Siddiqui, an active student and co. It is headed by Prof. Basheer Ahmed along with Prof. Md. Zainuddin Naveed, Prof. Meer Arshad Ali and Prof. K. Sridevi. The profound idea of CSI MJCET is to provide a platform to build and enhance the research process, knowledge sharing, learning, personality development and career enhancement in all the categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and helping them to integrate into the IT community.

CSI MJCET is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every student of the college.



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

Report On
REGISTRATION DRIVE
Organised by
CSI-MJCET

Report Prepared By: Asmeera Rahman
Associate General Secretary
CSI-MJCET

COMPUTER SOCIETY OF INDIA



REGISTRATION DRIVE

Be a part of the prestigious team of Computer Society Of India , MJCET.



 CSI STUDENT BRANCH
MJCET

REGISTER NOW!

Zohaib - 9700069793
Ali Dashti- 7416282247
Riyaz - 9700517763

DETAILS:

- Date: 29th July, 2017 – 1st August,2017



MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India Chapter, MJCET

Date: 29th July, 2017

Registration Drive

CSI MJCET 2017-18 organized the registration drive on 29th, 30th of July and 1st of August, 2017 for mainly all the new comers i.e the new batch of 2017-2021 . The registration drive started on the commencement day that was on 29th of July during which all the CSI volunteers explained about the past achievements and future plans of CSI and mainly what CSI does and how can it help the students achieve their dreams .

After the registration drive on 29th July the students of 3rd and 4th years helped the students and their parents to their way to classes and labs. On 30th July Orientation Day was held during which one of the Chief Coordinator's of CSI Zohaib Abdul Khader gave a motivational talk to the students.

The registration Drive was continued till 1st of August and after all the three days of this registration program around 70 students turned up and registered themselves in CSI.



SIGN:
Asmeera Rahman
Associate General Secretary
CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On **GUEST LECTURE ON BIG DATA** **ANALYTICS**

Organised by
CSI-MJCET

REPORT PREPARED BY-

Asmeera Rahman
Associate General Secretary
CSI-MJCET

The poster features a dark blue background with several colored rectangular boxes. At the top left is the college's emblem. The top center contains the college's name and affiliation. The top right has a logo with the letters 'G' and 'E'. Below these are three main sections: an orange box for the lecture title, a light blue box for the speakers, and a yellow box for the venue. A decorative graphic of colorful circles and lines is in the bottom left corner.

MUFFAKHAM JAH
COLLEGE OF ENGINEERING & TECHNOLOGY
(THE SULTAN EB. SUDHAN EDUCATION SOCIETY)
Affiliated to Osmania University & Recognized by AICTE
Sungar Hills, Hyderabad 500 034

**GUEST LECTURE
ON
BIG DATA ANALYTICS**

👤 SPEAKERS
Mr. Ashok Polapragada
-Manager at BIG DATA
Mr. Sarang V.K.
-DATA Scientist

📍 VENUE
AUGUST 26, 2017
CSE Seminar Hall, 5501

DETAILS:

- Date: 26th August, 2017
- Time: 10:30AM – 2:30 PM
- Venue: CSE Seminar Hall
- Registration fee: Nil



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 26th August, 2017

Guest Lecture On Big Data Analytics

Technology is everywhere, entwined in almost every part of our lives. It affects how we shop, socialize, connect, play, and most importantly learn. With their great and increasing presence in our lives one must be aware of the recent technologies taking place. With this motive, CSI arranged a guest lecture on Big Data Analytics which is one of the latest in trend which basically deals with the process of examining large and varied data sets . The session was taken up by Mr. Ashok Polapragada, Manager(Big Data) at Yash Technologies and Mr. Sarang V K, Data Scientist at Yash Technologies. The event was attended by third years and final year students of CSE and witnessed a turn up of around 60 students.

The session started by introducing Mr.Ashok Polapragada. At present he is a Manager (big data) and heading data science and analytics practice, having more than 16 years of professional experience in IT industry,expertise in mapping business problems to technical solutions. He covered topics under Big Data which basically deals with the process of examining large and varied data sets. The session kicked off with Mr Ashok informing the students about Hadoop. He started off by briefing us with his favorite definition of BIG DATA which is nothing but a scenario when data itself becomes a problem.He also stressed on the fact that BIG DATA is not equal to HADOOP.He then informed the audience about the various applications available in the HADOOP APP STORE namely ZOOKEEPER which is a cluster coordination application and HDFS which is a popular data storage application.

He wrapped off his session by giving an incisive description and use case of PIG SCRIPTING LANGUAGE by sharing with us it's syntax and examples.

The session then taken control by Mr. Sarang VK who has over 5 years of experience working as a data scientist from past 4 years. Passionate to teach and solve data problems.He started off his session by informing the audience about DATA ANALYTICS.

He later supported his argument with interesting and relatable real time examples leaving the audience intrigued.

He also briefed us about types of ANALYTICS namely Descriptive, Predictive and Prescriptive.

Due to a rigid time constraint he was unable to go in depth of each concept but he made sure that he provided the students with various online forums to obtain further information.

In conclusion he listed out the usage and syntax of R SCRIPTING LANGUAGE.



SIGN:

Asmeera Rahman

Associate General Secretary

CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On **CHAT BOT DEVELOPMENT** **WORKSHOP**

Organised by
CSI-MJCET

REPORT PREPARED BY-

Asmeera Rahman
Associate General Secretary
CSI-MJCET



WORKSHOP ON...
CHAT BOT DEVELOPMENT
5TH OCTOBER, 2017 (3:00-5:00PM)

Learn how to create a chatbot

By :

Kamal Mukkamala
(full Stack Developer @ BotHook)

VENUE:
STUDENT ACTIVITY
CENTER



bot**hook**

Bring your Laptops 



DETAILS:

- Date: 5th October, 2017
- Time: 3:00-5:00 PM
- Venue: Student Activity Center
- Registration fee: Nil



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 5th October, 2017

CHAT BOT DEVELOPMENT WORKSHOP

This workshop on chat bot development was a pre-hackathon workshop as chat bot development as it was one of the topics for the **MJ-Hack** hackathon.

This workshop was held so that people get a basic idea of what chat bots are? How they work ? Why chat bots are such opportunity in today's generation and how can they build one themselves?

Our **guest speaker** was **Mr.Kamal Mukkamala** who is a full stack developer at Bothook. Information regarding how a messenger bot features and how to build one using web hook was given to the students. The language used was java script. He basically showed how can a messenger bot event can be triggered and using these information the students were able to get a clear idea that how to gain the ability to create custom chatbots.

SIGN:

Asmeera Rahman

Associate General Secretary

CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On FLOW TRACE Organised by CSI-MJCET

REPORT PREPARED BY-

Asmeera Rahman
Associate General Secretary
CSI-MJCET

<FLOW_TRACE>

<ROUND#1>
/*FILL_THE_FLOW*/

<ROUND#2>
/*KEY_QUEST*/

SEP_08_TH_2017(03:30 PM)
STUDENT ACTIVITY CENTER
< CASH PRIZES TO BE AWARDED >

REGISTRATION FEE
FREE (CSI MEMBERS)
RS: 30/- (NON-MEMBERS)
(TEAM OF TWO)

CONTACT
SYED ALI: 9642833843
AMEENA : 9989136402

DETAILS:

- Date: 8th September, 2017
- Time: 3:30 PM
- Venue: Student Activity Center
- Registration fee: 30/- (For Non-CSI Members)
Free (For CSI Members)



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 8th September, 2017

FLOW TRACE

The event **Flow Trace** was conducted by CSI MJCET 2017-18 on 8th of September, 2017. This event received a tremendous response from the students.

This event consisted of two rounds. In round 1 the team was provided with a simple program. For that particular program they have to draw a flow chart on a sheet of paper and the team which completes the filling with correct flow of logic was moved to round 2.

For round 2 a picture of the keyboard was displayed on the screen and a single line was shown to a team member. That team member is supposed to show laser light and point out key by key and form the given statement. The other team mate has to guess and write it down on a paper. According to the time limit the winners will be announced.





SIGN:

Asmeera Rahman

Associate General Secretary

CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On
Pre-Workshop for MJ-Hack
Organised by
CSI-MJCET

Report Prepared By: Rahila Khan
General Secretary
CSI-MJCET

MJCET
PRE HACKATHON WORKSHOP ON
HOME-AUTOMATION AND
CYBER SECURITY

BY
AARSHAD DEVANI

SOFTWARE ENGINEERING UI LEAD,
DELOITTE TOUCHÉ TOHMATSU LIMITED

VENUE: CSE SEMINAR HALL (5501)
TIME: 2PM - 4PM

*NOTE - ATTENDEES MUST
GET THEIR OWN LAPTOPS
WITH PYTHON INSTALLED IN IT



DETAILS:

- Date: 7th October, 2017
- Time: 2:00 – 4:00 PM
- Venue: CSE Seminar Hall
- Registration fee: Nil



Date: 7th October, 2017

Pre-Hackathon Workshop on Home-Automation and Cyber Security

Home automation is the use of one or more computers to control basic home functions and features automatically and sometimes remotely. Homeowners are reaping the benefits of new home automation technologies. Simply put, home automation puts control of basic home systems and appliances into the hands of the homeowner and provides access from a remote point – like a smartphone app, or at a centralized unit inside the home. An automated home is sometimes called a smart home.

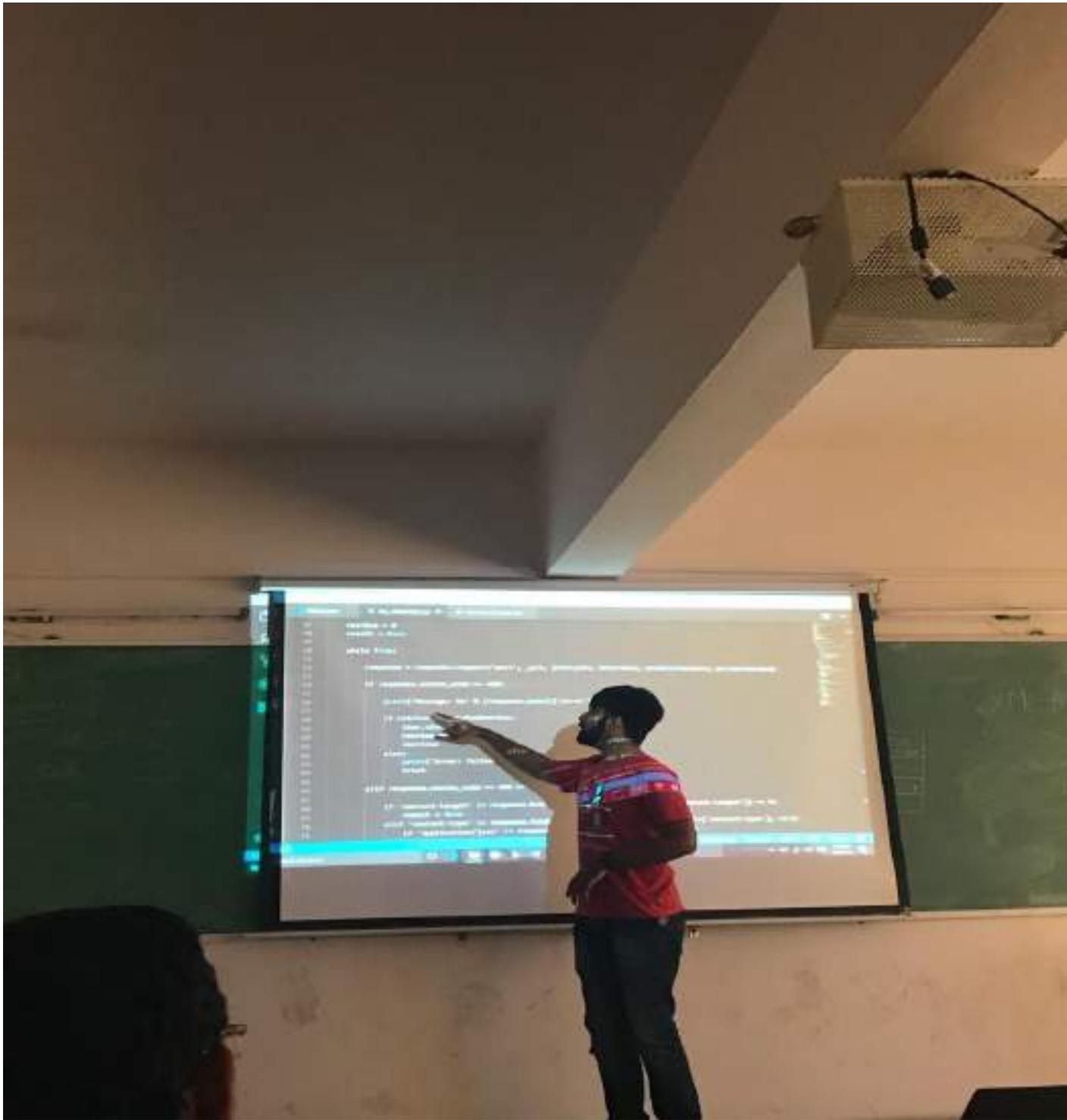
Time is of the essence. Every day that a business is anything less than fully secure is a day that it's exposed to potential hackers. It's also another day that developers continue building internal applications without factoring security into their lifecycle. Cyber security is the body of technologies, processes and practices designed to protect networks, computers, programs and data from attack, damage or unauthorized access. Elements of cyber security include: Application security, Information security.

A workshop was organized by CSI MJCET on 7th October, 2017. The intent of the workshop was to hone the web development skills of the students and mainly to gain insights on critical topics mentioned as home automation and cyber security. The workshop was conducted prior to Hackathon, a one day programming event conducted by CSI. This pre-workshop for MJ-Hack was conducted to teach the students about web development, to give participants a glimpse about hackathon. The workshop was led by none other than our Alumni and former CSI Chief Coordinator Mr. Aarshad Devani who is currently working as a Software Engineering UI Lead at Deloitte Touché Tohmatsu Limited. The event witnessed a turn up of 50 students.

This workshop focused on teaching them several aspects like cognitive development of languages and objects and also functionalities of single or multiple page applications using bootstrap basics. He taught the students about deep web along with lot of tips that would help the students build their applications better. He explained briefs about how the programming of applications using sensor, camera, motion coprocessors chip, gyroscope, compass, GPS, and acceleration functions within device hardware.

The session was interactive and filled the students with enthusiasm and confidence to prepare for the upcoming hackathon.







SIGN:
Rahila Khan
General Secretary
CSI-MJCET



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

A Report On

MJ-HACK HACKATHON

Organized by

CSI - MJCET

On 8th October, 2017 at Ghulam Ahmed Hall,
MJCET

Report Prepared By:

Rahila Khan
General Secretary
CSI MJCET

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
COMPUTER SCIENCE ENGINEERING DEPARTMENT



moz://a
PRESENTS



MJHACK



8TH OCTOBER

POWERED BY:



bothook

IFTAR
MOVE

We make it before you break it.

CASH PRIZES
UPTO 10K UP FOR GRABS!



VENUE:
MUFFAKHAM JAH COLLEGE
OF ENGINEERING &
TECHNOLOGY

REGISTER @ MJHACK.COM

Event Description:

Computer Society of India, student branch MJCET, in 2014 started the legacy of organizing “**Hackathon**”, a one day programming event, meant to test the programming and time management skills of students.

Event Name: MJ-Hack

Date: 8th October 2017

Venue: Ghulam Ahmed Hall, MJCET

Time: 8:30 am – 8:30 pm

Hackathon, conducted as an inter-college competition is a programming event that requires the students to create a website or an application as per the problem domains, in a time span of 12 hours. In this 12-hr programming marathon, the students test and showcase their skills by solving a real-time scenario given in the form of problem domains. The problem domains in this hackathon included current trending topics such as E-Commerce, Chatbots, App and Website Cloning, Home Automation and Cyber Security. The judges would screen the ideas based on factors like innovation, creativity, social impact and feasibility.

Participants were required to register online on <https://mjhack.com> prior to the event forming a team of 3-4 members. A set of questions were given to them and based on their problem domain, they were asked to choose appropriate models convenient to them.

get yourselves
registered at
mjhack.com



Registration Drive:

The publicity teams of CSI MJCET did an excellent job in publicizing the event both on campus as well as in other colleges. The CSI team went to several colleges and encouraged students to participate in the hackathon. The response from the students and the faculty members was remarkable. The event was also publicized on various networking sites. Hence, the response to the event was commendable with around 150 participations in the form of 38 teams from various colleges registering and participating in the event.

Workshops:

Prior to Hackathon, two pre-workshops for MJ-Hack were conducted to teach and mentor the students about the Hackathon.

A workshop on ChatBot was conducted addressed by Mr. Kamal Mukamala who is a developer at BotHook. He gave a seminar on Messenger Bot features and use of web hook.

Another workshop was conducted on Cyber Security and Home Automation which was addressed by Mr. Aarshad Devani, the Ex-Alumni of CSI MJCET and present Software Developer at Deloitte Touche Tohmatsu Limited.



Event Day:

MJ-Hack Hackathon was conducted on 8th October, 2017 at Ghulam Ahmed Hall, MJCET and started at 8:30 am and ran successfully up till 8:30 pm. CSI MJCET conducted the event. Motive of MJ-Hack was to provide a platform for self-expression and creativity through technology.

The event witnessed the collaboration of the brightest and sharpest minds. With around 150 participations in form of 38 teams from the most distinguished colleges all across the city including CBIT, MVSRR, OUPGCS, Malla Reddy, VJIT, Gokaraju Rangaraju, Deccan, Shadan, Lord's, Methodist, Matrushi, Al Habeeb, Aurora, Islamia. This 12-hour Hacking Marathon was a power-pack Fiesta which was no less than a hacking extravaganza for computer nerds and gizmo geeks. It encouraged the hidden and upcoming talent among students. It was organized by the Computer Science & Engineering Department under the aegis of Computer Society of India (CSI).

The students were provided with lunch and refreshments throughout the hackathon. The whole team of CSI was engaged in helping and guiding the participants, hence coordinating to make the event enthusiastic. The event was also got great reviews from the press and media who interacted with the participants during the hackathon.

Reviews were conducted at regular intervals wherein the project ideas

pitched by each of the teams were assessed by the judging panel comprised of industry experts including Syed Nisar Ul Haq and Mohammed Imran Khan Senior Systems Engineers at Infosys and experienced academicians Syed Akber Hashmi, Assistant Professor, MJCET and Shaik Imtiyazuddin Alumni, MJCET who analyzed all the projects keenly and gave their final verdict.









Winners of the Event:

The **first prize** was awarded to the team "**Wolfpack**".

Team Members: Eliz Kotadia
Md. Imaduddin
Siddharth Sharma
Mustafa Hussain

College: Muffakham Jah College of Engineering and Technology

Cash prize: 5000/-

The **second price** was awarded to the team "**The Web capsule**".

Team Members: Md. Kabeeruddin Maaz
Rahul Gupta
Mufaddal Khambati
Syed Sharaan Hussaini

College: Methodist College of Engineering and Technology

Cash prize: 3000/-

The **third prize** was awarded to the team "**SmartSwitch**".

Team Members: K. Abhiram Verma
P Sanjana
I Vijayantika
Y Saathvika

College: Gokaraju Rangaraju and Muffakham Jah College of Engineering and Technology

Cash prize: 2000/-

The **consolation prize** was awarded to the team "**Desk Managers**".

Team Members: Mohd Khizer Rizvi
Sohail Ahmed
Md Muzammil
Junaid Shaik

College: Muffakham Jah College of Engineering and Technology

Cash prize: 1000/-

- Winners, all the participants and volunteers were given appreciation certificates.







Successful Outcome:

MJ-Hack Hackathon organized by Computer Science Engineering Department in collaboration with CSI-MJCET was an exceedingly successful one. The event was organized successfully with the meticulous efforts of the team of CSI. It was an absolute delight to feel the energy and enthusiasm which filled the air. MJ-Hack was sponsored and supported by BotHook, IftarMove, Mozilla.

This event not only promoted different aspects and fields of coding and development but also exposed the students to work culture and help them become industry ready, thus preparing them for their future. The atmosphere of professionalism, infused with the thrill of making and learning new technology was indeed the life of the event.

Mr Zafar Javeed, Hony. Secretary, Sultan Ul Uloom Education Society

and Dr. Basheer Ahmed, Advisor-cum-Director, MJCET, expressed their pleasure over the successful conduct of the Hackathon and congratulated the winners.

Mr. Farhatullah Hussainy (Dean Administration), Dr. A. A. MoizQyser (Head-CSE), Mr. Md. Zainuddin Naveed (CSI Mentor), Mr. Md Mateenuddin(Network Admin) and Student incharges Mr Ali Dashti, Syed Zohaib, Md Riyaz and other students of CSI have coordinated the event.



SIGN:
Rahila Khan
General Secretary
CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On **SEMINAR ON BUILDING PROJECTS** **Organised by** **CSI-MJCET**

REPORT PREPARED BY-

Rahila Khan
General Secretary
CSI-MJCET

DETAILS:

- Date: 26th July, 2017
- Time: 2:00 PM
- Venue: Student Activity Centre
- Registration fee: Nil



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 26th July, 2017

Seminar on Developing Projects

Apart from learning the basics of the stream, engineering projects are one of the most important things in Computer Science engineering that needs to be done seriously. Working on these projects will help the students to for future job interviews. As the 3rd year students have mini project which is a new adventure for them, we thought the students should have a clear idea on what will they be dealing with. With this motive in mind, CSI arranged an interactive session seminar where the final year students interact with their juniors and give them a piece of advise on building projects.

The seniors shared their experience and talked about the difficulties they might face and how can it be resolved. The students listened to the seminar with great interest. The juniors cleared all their queries with the seniors.

The session was a success as the response was great. The seminar was attended by CSE students of 3rd year and witnessed the turn up of around 70 students.









SIGN:

Rahila Khan

General Secretary

CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

A Report On
TECH-TIONARY
Organised by
CSI-MJCET

Report Prepared By: Rahila Khan
General Secretary
CSI-MJCET



**GOT AN EYE
FOR TECH ?**

TECH TIONARY

IS THE PLACE FOR YOU



AUGUST 11, 2017. 03:30 PM
CSE SEMINAR HALL

REGISTRATION FEE
FREE FOR CSI MEMBERS
RS. 30/- FOR NON-CSI
(TEAM OF TWO)

CONTACT
AMEENA: 9989136420
SYED ALI: 9642833843

DETAILS:

- Date: 11th August, 2017
- Time: 3:30 PM – 5:00 PM
- Venue: CSE Seminar Hall
- Registration fee: Nil(CSI members)
Rs. 30/- (Non-CSI members)



MUFFAKHAMJAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India, Chapter MJCET

Date: 11th August, 2017

TECH-TIONARY

With the multitasking being the demanding skill for job interview With listening and memory power being the demanding skill for any field, CSI MJCET organized TECH-TIONARY on 11th August, 2017 to let students ameliorate their presence of mind and help them to learn more about technology and also coordinate as a team. There were around 20 teams who competed in the event .

The event was hosted by CSI team which comprised of two rounds. In the first round named the Recall round, a video clip on trending technological topics was shown to the participants. Later, the team of two were given questions to answer based on the video. The teams that succeed in answering maximum number of questions correctly were qualified for the next round.

The final round was a technical take on Pictionary. One of the team members was given a famous company and was asked to explain it to his partner by drawing the logo of the company. Each correct guess would fetch the team a point. The team that guesses maximum companies in least time, wins.

The event received a tremendous feedback as the participants enjoyed throughout the event while learning and improving their knowledge on technology and at the same time work as a team, not losing focus even under pressure. The winners were awarded with a cash prize.

WINNERS:

1. Sohail and Nafay
2. Ehtesham and Kiran

GLIMPSES OF THE EVENT:









SIGN:

Rahila Khan

General Secretary

CSI-MJCET



CSI Student Branch

Muffakham Jah College Of Engineering and Technology
Road no 3, Banjara Hills, Hyderabad

Report On
WORKSHOP ON WEB DEVELOPMENT
Organised by
CSI-MJCET

Report Prepared By: Rahila Khan
General Secretary
CSI-MJCET



Workshop On Web Development



on 25th October 2017
from 3:15 pm
at CSE Seminar Hall (5506)



Registration fee for:
CSI members- 30/-
Non-CSI members- 50/-

NOTE: Get your own laptops. All attendees
will be provided with required software and certificates Contact: 7416282247

DETAILS:

- Date: 25th October, 2017
- Time: 3:15 PM – 5:00 PM
- Venue: CSE Seminar Hall
- Registration fee:
 - >CSI Members – 30/-
 - >Non-CSI Members – 50/-



MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Computer Society of India Chapter, MJCET

Date: 25th October, 2017

WORKSHOP ON WEB DEVELOPMENT

Web development is a broad term for the work involved in developing a web site for the Internet. Web development can range from developing the simplest static single page of plain text to the most complex web-based internet applications electronic businesses, and social network services. Web Development includes responsibilities for designing, coding and modifying websites, from layout to function and according to a client's specifications. It helps strive to create visually appealing sites that feature user-friendly design and clear navigation.

CSI MJCET 2016-17 organized a workshop on Web Development on 25th October, 2017. As we all know that HTML and CSS are the foundational languages of the web, this workshop was arranged to facilitate students with these languages. HTML is a markup language that is used for developing web pages. CSS is a language that defines the presentation of a document written in HTML. Beginners find its syntax clean and structure easy to grasp, therefore anybody can pick up these languages quickly. It received a response of 80 members. Not only students of CSE and IT, but ECE and EEE students also turned up for the workshop.

The workshop was facilitated by Mr. Fareed Uddin Ahmed and Zohaib Abdul Khader (current Chief Coordinator of CSI MJCET), final year students from CSE department MJCET. Most of the segments of the languages were taught using Bootstrap which is a framework to help design websites faster and easier.

Various segments of web development were covered and the students were taught about structuring the interface using several aspects such as Bootstrap classes and explaining them the usage of different attributes put

together. The software and presentations were facilitated among the students throughout the workshop. Mr Fareed and Mr. Zohaib showcased how the websites can be structured beautifully in an easy manner.

At the end of the session the students were able to create their own website using HTML and CSS along with the knowledge of Bootstrap. The event turned out to be an intriguing one by reflecting the importance of web development.









SIGN:

Rahila Khan

General Secretary

CSI-MJCET



ANNUAL IEEE NEWSLETTER

COMPENDIUM

**Muffakham Jah College of Engineering and
Technology**



IEEE MJCET 2015-2016

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Ms. Mariam Abbas, General Secretary, IEEE MJCET

Ms. Shereen Jaffar, Joint Secretary, IEEE MJCET

Mr. Mohammed Faheem Rizwan, Treasurer, IEEE MJCET

Message from Branch Counselor

I congratulate the editorial team of IEEE MJCET student branch for bringing out the annual issue of the Compendium Magazine. I whole heartedly thank Principal, Dr. Basheer Ahmed for his unflinching support for all IEEE activities.

We were able to conduct a good number of programmes/tutorials in collaboration with the IEEE Hyderabad section, for the delegates from industry and academia in general and our faculty and the student members in particular. In particular, I thank the PES/IAS/PELS joint Chapter, and the IEEE Gold affinity group for coming forward to host valuable lectures and tutorial programs at our college. All events have seen good participation from Industry, academia and students and were highly successful.

I thank the IEEE Hyderabad section and student activity committee Chair for coming forward to host the Student Sessional Congress at our college premises and hope it will be a grand success.

ArifUddin Sohel,

Branch Counselor, IEEE MJCET

CAS

EVENT NAME: A Technical Talk On CHIP DESIGN IN PRACTICE Organized By Joint Chapter of Circuits and Systems and Electronic Devices Societies (CAS/EDS), IEEE Hyderabad Section.

Seminar Details

Date: 31st October, 2015

Timings: 11:30am to 1:00pm

Venue: Main Seminar Hall, Block 4

Speaker: Mrs. K. Srisubha



Speaker delivering the talk

EVENT NAME: MULTISIMIA

Organized By Circuits And Systems Society & Communications Society MJCET

Event Details:

Date: 17th October, 2015

Timings: 2:00pm to 4:00pm

Venue: ECE Department

The IEEE CASS MJCET organised an event "MULTISIMIA" for the second for the second year as well as third year students of ECE Department.

The main objective of this event was to test the technical skills of the students and their way of approach in applying acquired academic knowledge to the practical aspects. This event would assist them to assess their knowledge in practical scenario which will be of great importance in implementing an academic project right from initial to the final stage.

EVENT NAME: Twisted

Organized By Circuits And Systems Society MJCET

Event Details:

Date: 17th January, 2015

Timings: 3:00pm to 4:30pm

Venue: ECE Department Block

The IEEE Circuits and Systems Society conducted an event "TECH SAFARI" on 17th January, 2015. The event was based on demonstration of academic

projects to the students of various branches.



The overall view of the event.

CIS

EVENT NAME: ONE DAY WORKSHOP ON KNOWLEDGE DISCOVERY USING **BIG DATA ANALYTICS**

BY Mr. P. MOHAN

Event Details

Date : 14-03-2016

Time : 1:30 PM to 4:00 PM

Venue : Center for Innovative Computing (MJCET)

Speaker : Mr. P. Mohan

The Information Technology Department conducted a workshop on Knowledge Discovery using Big Data Analytics for the students of 3rd and 4th year. The objective of the workshop was to provide students assess their data analytical skills and training session on ESTARD Miner tool.

Mr. P.Mohan addressing the crowd



EVENT NAME: A SEMINAR ON **SOFTWARE ETHICS & NEW TECHNOLOGIES**

BY **Mr. PAPPU BHATTACHARYA**

Event Details

Date : 14-03-2016

Time : 11:00 AM to 12:30PM

Venue : IT Seminar Hall

Speaker : Mr. Pappu Bhattacharya

The Information Technology Department conducted a seminar on Software ethics & New technologies for the students of 3rd and 4th year. The objective of the seminar was to make students aware of developments in the industry.



Mr Pappu giving a seminar.

ICS

EVENT NAME: A workshop on "LET US C & C++"

EVENT DETAILS:

DATE: Monday 31st August 2015

TIME: 2:00 PM- 5:00PM

VENUE: GHULAM AHMED HALL

SPEAKER: MR K. SRINIVAS, MR ARSHAD ALI

A workshop which aimed to revise the concepts of C & C++ as a quick preparation for the placements and to tackle the tough questions put up by HRs of various companies.

Mr. K. Srinivas Sir (Asst. Professor, MCA, Computer Science and Engineering, MJCET), started the session by explaining all the important concepts of C and C++ in depth.

And the frequently asked questions by HRs from various companies and their solutions were explained by Mr. Arshad Ali Sir (Asst. Professor, Computer Science and Engineering Dept.).

The session attracted the crowd of more than 80 students.

EVENT NAME: Seminar on **Internet Of Things**

EVENT DETAILS

DATE: 10TH SEPTEMBER 2015

TIME: 1:30-4:00PM

VENUE: MAIN SEMINAR HALL

SPEAKER: MR. TAYABA AFSHEEN, MR AEZAZ , MR HYDER IMTIAZ, MR ABDUL MABOOD (BE 4/4, CSE, MJCET)

The seminar was conducted in the Seminar hall, attracting a crowd of more than 60 students.

The session was taken by final year CSE students; Ms Tayaba Afsheen, Mr Mohammed Hyder Imtiaz, Mr Abdul Mabood, and Mr Aezaz.

This event gave an opportunity to all the students to network and listen to speakers to expand their intellect about IoT.



EVENT NAME: Graphic Design Workshop

Event Details

Date: 6th February 2016

Timings: 10:30 AM to 3:30 PM

Venue: CSE Seminar Hall, Room no. 5507, MJCET

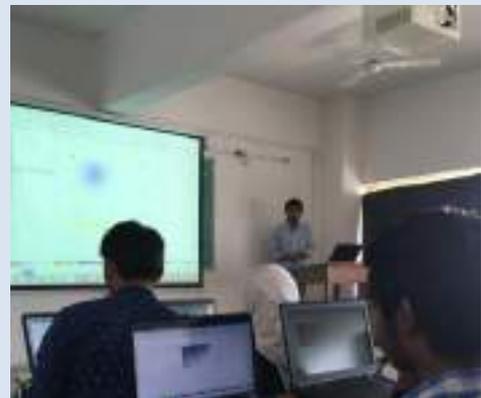
Speaker: Mr. Omar Mohammed, BE 4/4 EEE, MJCET

IEEE Computer Society, MJCET conducted a workshop on Graphic Design on 6th February 2016, in collaboration with IEEE PES, MJCET, warming up as the entire college plunged into pre-fest preparatory

phase. The objective of the workshop were as follows:

1. To understand what graphic design actually is and learn some of the best practices involved.
2. To understand enough of Inkscape to fuel the participant's curiosity to master it or any other image-editing software in the near future.
3. (Bonus, depends on participant) To create their very own certificate for this workshop.

MR OMAR CONDUCTING THE WORKSHOP.



PES

EVENT NAME: LaTeX Workshop

Event Details

Date: 1st August 2015

Timings: 10:30 AM to 3:30 PM

Venue: ECE Seminar Hall, Room no. 5409, MJCET

Speaker: Mr. Syed Azher Hussain, MS KFUPM

IEEE PES, MJCET organized a LATEX Workshop on August 6, 2015, in collaboration with IEEE CASS, MJCET. IEEE Student Branch MJCET as it plunged into the new semester. The objective of the workshop was to mix the crisp basics of LaTeX with a touch of hands-on conversance for the research interested candidates.



EVENT NAME : 'HABITS OF PROFESSIONAL EXCELLENCE'

Event Details:

Date: 22nd and 23rd Feb. 2016

Timings: 11 AM to 12:40 PM

Venue: Main Seminar Hall, Block 4

Speaker: Mr. Madhav Negi, Senior

Organizing team with the speaker and participants.

As the inaugurate event of IEEE SB (Student Professional Awareness Conference) 2016, IEEE SB MJCET conducted an event called 'Habits of Professional Excellence.' The main objective of this event was to understand what makes successful leaders effective and gain practical tips for applying this information in your life and work.



(From left) Dr. Kaleem Fatima, Branch Mentor IEEE SB MJCET; Mr. Madhav Negi, Speaker of Professional Excellence; Dr. Merugu Lakshminarayan, Chair IEEE Hyd. Section, Chief Guest; Dr. ArifUddin Sohel, Branch Counselor IEEE SB MJCET & Mr. Kumayl Ali, Chairman IEEE SB MJCET

EVENT NAME: Field Trip to Nuclear Fuel Complex

Event Details:

Date: 8 th January 2016

Timings: 10 A.M. to 4 P.M.

Venue: Nuclear Fuel Complex, Maula Ali, Hyderabad

IEEE SB MJCET organized a field trip to Nuclear Fuel Complex on 8th January 2016. The Nuclear Fuel Complex (NFC), established in the year 1971 is a major industrial unit of Department of Atomic Energy, Government of India. The remarkably powerful, nuclear fuel can produce 200 MeV of energy. To understand the significance of this powerful and efficient source of energy, IEEE SB MJCET executed this trip with gusto.

VENUE: ECE Seminar Hall

The event started with the guest lecture by the Mohammed Salahuddin ,Karate Grand Master followed by a workshop of Self Defence for girls. He was accompanied by his team of 15 trained members.



Mr. Mohammed Salahuddin was offered a small memento as an effort of appreciation for the time and valuable input he had shared with the students

WIE

EVENT NAME: Women's ERA

EVENT DETAILS

DATE: 18th March 2016

TIME: 2:00pm-4:00pm

EVENT NAME: Notebook Donation Campaign

EVENT DETAILS

DATE: 28th Oct 2015

VENUE: Safdaria High school

The students belonging to various branches of MJ College actively participated in the campaign and collected around 1400 long notebooks, 300 short notebooks stationery items. The school comprises of around 700 students.

The team reached the Safdaria Girls School premises by 9 A.M. The Head Mistress of the school Mrs. Safia Sultana received the IEEE MJCET team with great pleasure.

The guest of honour for the event was Mr. Humayun Ali Mirza.



IEEE SB with students of Safdaria.

conducted our most awaited event of the year 2015-16 "STAR" a one week program at Safdaria Girls High School, Humayun Nagar, Mehdiapatnam, from 23rd Jan 2016 to 29th Jan 2016.

Tomorrow's leader need to be equipped for tomorrow's challenges, and we must adequately prepare children for the future they will inherit which requires a commitment to providing children with environmental education. with this prospect in mind, the students of classes 1st - 5th were introduced to environmental education since at this level they have a holistic view of environment.



IEEE Students at Safdaria School

EVENT NAME: "STAR" a one week program

EVENT DETAILS

DATE : 23RD JAN- 29TH JAN 2016

VENUE: SAFDARIA GIRLS HIGH SCHOOL

With an intent of spreading awareness about environment, IEEE WIE team

EWB-MJCET

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Chapter Vision:

To utilize the engineering skills to its maximum potential for the development and benefit of the society.

Chapter Mission:

- To harness the resources available
- To develop a database for emerging sustainable and innovative technologies
- To create awareness among student members to work towards development of the society

Our Projects

There are many projects that EWB-MJCET chapter has done and some projects are under progress of completion. To its credit the Projects which EWB-MJCET chapter has finished are listed below.



MJCET student chapter sourced bus route information and geocoded the bus stop locations in Hyderabad Metropolitan Area using QGIS software. The data gathered by us filled a crucial gap in the databases. This data is expected to lay the foundation for a much better understanding of transit problems in Hyderabad.

1. Hyderabad Urban Labs Project Dec 2013

This project is a unique voluntary citizen mapping initiative in Hyderabad, taken up by Hyderabad urban labs (HUL) along with EWB-MJCET chapter, it is a multi disciplinary research programme supported by the Right to the City Foundation for a period of 1 week in November-December 2013. EWB-



2.Burgula village project (phase-1 completed) || 18 January 2014

Burgula Village, Mahaboobnagar was decided to be developed by EWB- India and Pragathi Welfare Association, and EWB MJCET has lent its part to the development of Burgula Village by volunteering to do the need assessment survey and give research solutions to their problems. EWB- MJCET visited the Burgula Village and performed the need assessment study of 500 houses with a team of ten students in a single day with tremendous efforts. The data collected, interpreted the needs of the village. The data obtained is compiled into a soft copy for future usage. The next phases will be commencing through the intervention of pragathi welfare association.



3.School project survey || 5th February to 15th February 2014

By the inspiration imparted by Dr. Ashok Agarwal Sir, EWB MJCET, has taken up initiative to improve the conditions of poor Govt. Schools. There are many schools, in which students lack the basic requirements. EWB- MJCET has taken up this task as a challenge. Though it is cumbersome, we are successful in creating a database of such schools by travelling round the city and with the help of media. The schools which are most in need will be short listed and will be developed in the next phases.

4.Construction of EWB MJCET office|| 26th March

In the event of felicitation of Ex Office bearers, Engineers Without Borders (EWB) M.J.C.E.T Chapter proudly announced- its design to build, one of a kind self sustainable -eco friendly building within its college premises. The structure would act as an official building for the M.J.C.E.T chapter and would also facilitate meetings between the cabinet member and students. The foundation stone has been put down. The project is inaugurated by Dr. Ashok Agarwal, Chairman, Engineers Without Borders (EWB) India. The project would be collectively funded by our college and EWB- India. The design, construction and implementation will go hand in hand with the motto of the chapter, i.e.To provide a sustainable solution to a social problem. This project would act as a yardstick for the future students and other student bodies to build a self sustainable building.



Photograph of Students of Muffakham College Chapter with Dr. JayanthSabnis, Vice-President, Engineering Module, Pratt and Whitney Aerospace, USA and Shri. Mahesh Patel, Engineering Global Sourcing, Pratt and Whitney Aerospace, USA

5. Kasturba (KGNMT) Project || (March-August)

Kasturba National Memorial Trust is a place for dejected and underprivileged women. The conditions prevailing at the trust were very poor. They lacked basic facilities like residential shelter and roofing, bathrooms etc. This project was to build a residential construction to the inmates of kasturba trust. Pratt and Whitney Aerospace, USA, BELCAN, MTC, UTC, Cyient and their allies came forward with a large donation of \$120,000 which comes to 68 lakhs(INR). We could successfully build an two storey building equipped with E-Learning Centre, Play ground, Bunker Beds, Water Harvesting System, Solar Water heater. Our students could focus on various aspects starting from the Syllabi for E learning Center, Designing the play ground area, analysis of water heating requirement and make it a success.

Engineers Without Borders student chapter of Muffakham Jah College of Engineering and Technology have shown their passion towards the development of women of Kasturba Gandhi National Memorial Trust, Bandlaguda, Hyderabad with their engineering skills. We could support this development project funded by Pratt and Whitney Aerospace, USA and their allies by taking up the various areas of the projects starting from the development of playground area, E Learning centre to the bed pillows of the inmates of trust.



6. Design and Fabrication of Foot Operated Tap: January 2015

This innovation, foot operated tap is an initiative of EWB MJCET to conserve water. This project was collectively executed by ShaikShowkath and Md. Maqsood. This saves about 40% of water compared to regular tap. This systems is cost effective and costs only Rs. 700/-. It is very much helpful for Doctors, Labors etc., who cannot touch the tap with soiled hands. The following project was displayed during the TSE'15 conference

7. Biodiesel- An alternate fuel: February 2015

Members of EWB MJCET Syed Imran, ShaikRauhon Ahmed have come up with a solution to fuel crisis and made bio diesel from plants. It was concluded that fuel generated in all the stages of production has been utilized by some or the other way. This process is about 90% efficient and cost of diesel in bulk production will be Rs.50-55 This project was also displayed during the TSE'15 conference.



8. Sanitation survey at Musheerabad and Rasoolpura Schools: February 2015

EWB MJCET members formed two teams and visited the two Govt High Schools at Musheerabad and Rasoolpura in association with BastiVikasManch and performed the need assessment surveys at these schools. We have supported the initiative by providing the construction designs for the installation of pipelines and the construction of new toilets at these schools



9. School Survey -2: May 2015

In February 2014, Under the inspiration and guidance imparted by Dr. Ashok Agarwal Sir, EWB MJCET launched an initiative to study the conditions in poor Govt. Schools in Hyderabad with a view to improving the condition of some of these schools. Again May 2015, we have surveyed more schools. We have zeroed down to Mahendra Hills school and ErramanzilGovt High school after the survey.



10. KGNMT Kitchen and Bangalore E learning centres: (January-July 2015)

This project is a continuation to KGNMT residential building project (2014). In this project, the focus was to,

- Ideation to provide kitchen and dining hall
- Energizing the E learning center at KGNMT
- Establishing E-learning centres in Bangalore
- Landscaping at KGNMT and Playground Development
- Survey for feasibility of water harvesting



11. Adoption of Government High School: September 2015

As per the School survey -2 conducted in May 2015, EWB MJCET initiated the adoption of school project at Govt. High School, Erramanzil, Hyderabad which has a strength of about 524 students with majority girls. It did not have proper black boards, drinking water facility and internal roads. We focused to provide water facility, sanitation facilities, and development of playground, plantation, and repair of black boards. 55 Students belonging to EWB-MJCET conducted the survey and found out the problems in the school. Different teams were formed to resolve various problems in school. The team provided clean drinking water, hand wash with foot operated tap, repaired black boards, made an walk way to enter the school, supplied E - learning materials, improved the play area, conducted plantation drive and conducted Swatch Bharath campaign.



EWB MJCET -Adoption of Govt. School Project in News

పాఠశాలల అభివృద్ధికి కృషి

పాఠశాలల అభివృద్ధికి కృషి... (Text from Sakshi newspaper article)



పాఠశాలల అభివృద్ధికి కృషి... (Text from Eenadu newspaper article)

Sakshi Newspaper - 17th Sept 2015

పర్యటించిన ప్రభుత్వ పాఠశాలను... దత్తత తీసుకున్న ముఫఖంజా విద్యార్థులు

పర్యటించిన ప్రభుత్వ పాఠశాలను... దత్తత తీసుకున్న ముఫఖంజా విద్యార్థులు... (Text from Namaste Telangana article)



పాఠశాలల అభివృద్ధికి కృషి... (Text from Namaste Telangana article)

Namaste Telangana 17th Sept 2015

పాఠశాలను దత్తత తీసుకున్న ఇంజనీరింగ్ విద్యార్థులు

పాఠశాలను దత్తత తీసుకున్న ఇంజనీరింగ్ విద్యార్థులు... (Text from Andhrajyothi newspaper article)



Andhrajyothi Newspaper 17th Sept 2015



ACTIVITIES

Education through paper donation: July 2015

EWB MJCET has organized an paper collection drive at college and collected about 300 kgs of used books and paper waste. This materials is donated to “NachiketaTapovanVidyamandir” which sells them to ITC ltd. and funds poor students for education.



Industrial Visit: Thrive Solar Energy Pvt. Ltd.: August 2015

THRIVE® SOLAR ENERGY PVT. LTD., is an independent renewable energy solutions and technology provider focusing primarily on the solar photovoltaic applications and has built a significant track record in implementing solar projects world-wide.

A team of 52 students along with 4 faculty members visited the industry to find out about the work done by the thrive solar company in terms of banishing the darkness from the homes of poor off-grid families, and to seek the knowledge about the working of solar power system. A survey was done in different sections of the company like assembly section, production section, lamination section and roof top of the company where the solar panels were placed and it served for 70% of power supply to company.



Airtel Hyderabad Marathon : August 2015

The Airtel Hyderabad Marathon is the second largest city marathon in India. The 2015 Marathon is their 5th edition and is organized by the Hyderabad Runners Society, a non profit organization founded in 2007 to encourage active and healthy lifestyle among all age groups in the cities of Hyderabad and Secunderabad.

So EWB MJCET took the initiative to be a part of Airtel Hyderabad marathon. For publicity of the event the posters were posted in the college premises to get more volunteers for AIRTEL HYDERABAD MARATHON.

Volunteers from EWB MJCET:

EWB MJCET was allotted two sections from Nagarjuna Circle to post KBR park with a stretch of about 6 kilometers to control the traffic marshalling and cheering the runners. This time, 67 volunteers have engaged themselves in to the event from EWB MJCET. All the planning for this event started almost one month before. On the day of the event all the volunteers assembled at the respective aid station at as early as 4.30 AM and respective jobs were assigned to them.



Thus EWB MJCET has played its role to conserve and promote 'the spirit of running' through its volunteer support and publicity to the event.

ACTIVITIES



Industrial visit || 3 January 2014

Industry visits sensitize students to the practical challenges that Industries face. Industrial visits also give greater clarity about various concepts for students as they can practically see precision practice. Metal Industries Pvt Ltd, Sanathnagar, Hyderabad, India is a sophisticated Commercial Kitchen Equipments, Refrigeration manufacturer with exclusive marketing units of its own. The more we see, the more we learn; Students in number of 45 from both SAE and EWB participated and observed the techniques used for best designing and Manufacture of various products. They could also see various advantages and disadvantages of using various manufacturing techniques on the Environment.



DFX workshop || 6 January 2014

DFX is a philosophy that promotes rapid and successful products. DFX Workshop will provide an overview of how to design and develop mechanical engineering product that is manufacture reliable, usable, maintainable, supportable and also profitable. The acknowledgement of such a philosophy will assist students in their research practices. It is high time that Engineering students start adopting DFX practices and develop world class products. We the students of MJCET with the help of Ravi Taluri Sir who has been keen to share his experience taught us the best design engineering practices on 6th January 2014 at CSIM/ EWB- India office.



SSR Activity || 15 January 2014

Education is a fundamental human right and vital to achieving economic growth, increasing income, and sustaining a healthy society. Education is important in helping to improve lives, break the cycle of poverty. EWB MJCET is one such chapter which is committed to serve the poor pupils, give them a small moment of joy and learning, and supplement the interest to continue to study by inspiring them. EWB MJCET is committed to ensuring that all girls and boys are able to realize their full potential. We know that children will flourish if they are able to go school, stay there until they finish and learn the basic skills of literacy, mathematics, life skills and critical thinking in a supportive setting. We help them to do this by supporting education initiatives.



ADSOPHOS 2014 || 6th,7th March

With fund generation as the criteria, EWB- MJCET has organized three in the National level tech-fest at Muffakham Jah College of Engg. And Tech. conducted on 6th and 7th march. EWB MJCET has organized three events as a part of our tech- fest ADSOPHOS 2014 they are:

1. Modulo Detritus
2. Alpha Coding
3. Mega Pixel

The club displayed its innovative projects in the Tech Expo at the same event.



(A group picture of EWB MJCET team members at Kasturba Gandhi National Memorial Trust donating the clothes they collected)

Clothes Collection Drive: 17th April

To extend our hands and buttress the inmates of Kasturba Gandhi National Memorial Trust, Bandlaguda, while working for their development and lending the intellectual services, our project team has contributed to donate them with a few bags of Clothes which are in good condition.



(A group picture of EWB MJCET team at Nachiketa Tapovan with its school inmates)

Education through paper donation || 2nd August

EWB MJCET Chapter is committed to serve the education of the poor children. It organized an paper collection drive at MJCET and donated the same at Nachiketa Tapovan Vidhya Mandir. The collected books were reused.



(A group picture of EWB MJCET volunteers with AHM representative)

Airtel Hyderabad Marathon'14 || 24th August

It is one of the prestigious and biggest marathons of India. EWB MJCET volunteered to organize 8 kilometers of its total run with about 50 volunteers. EWB MJCET volunteers showed ultimate unity and utmost passion to support this run.

NATIONAL CONFERENCE ON TECHNOLOGIES FOR SUSTAINABLE ECOSYSTEM

EWB MJCET has structured a national level conference-“**Technologies for Sustainable Ecosystem**” as an annual event for the chapter. This event will be organized at MJCET annually during the February-March Months.

Conference on “Technologies for Sustainable Ecosystem 2015” 26th– 27th March 2015

EWB MJCET held an conference on “Technologies for Sustainable Ecosystems” in association with various other student chapters of BITS Hyderabad, Gitam University, GNITC and TKREC.

The two day conference was divided into various sessions on how various practices like energy conservation, water conservation, agriculture, green building technologies, problems of society etc are important to the engineers and engineering students. This also had a project exhibition, quiz competitions, cleanliness drive included.

The conference received immense publicity through newspaper media and online partners.

(Dr. Ranganayakulu,CEO,Thrive Solar during his talk with audience)



Media Publicity:

Event Partners:



(Megha Engineering and Infrastructure Ltd.)

Online Partners: YO Grad!

NATIONAL CONFERENCE ON TECHNOLOGIES FOR SUSTAINABLE ECOSYSTEM

EWB MJCET has structured a national level conference-“**Technologies for Sustainable Ecosystem**” as an annual event for the chapter. As last year, it was also conducted in the year 2016.

Conference on “Technologies for Sustainable Ecosystem 2016” 25th-26thFebruary 2016

EWB MJCET held an conference on “Technologies for Sustainable Ecosystems” in association with various other student chapters of BITS Hyderabad, GitamUniversity,CBIT, GNITC and TKREC.

The conference was divided into various sessions which covered various topics like clean energy systems, ecological engineering, urban sustainability through smart cities and innovations in waste management. It was discussed how the above topics are important to the society and how they could be practically implemented in modern day conditions and situations for the betterment of the society.



FELICITATION OF EWB-MJCET CABINET 2015-16

On the 30th of July 2016,EWB MJCET conducted a felicitation ceremony where the cabinet members of 2015-16 were felicitated for the immense contributions and hardwork they put in for EWB-MJCET which also embarked the introduction of new office bearers for 2016-17.



AirtelHyderabad Marathon : August 2016

The Airtel Hyderabad Marathon is the second largest city marathon in India. The 2015 Marathon is their 5th edition and is organized by the Hyderabad Runners Society, a non profit organization founded in 2007 to encourage active and healthy lifestyle among all age groups in the cities of Hyderabad and Secunderabad.

Even in 2016 EWB-MJCET members volunteered for the Marathon to contribute towards the spirit of running. Around 60 members volunteered for the event and 2 teams of 30 members were allotted on 2 different stations, which were located at Nagarjuna Circle and KBR park respectively. The volunteers had to report on 4:30AM at the day of the marathon where they were assigned different tasks like cheering the runners, collection of waste, providing the runners with refreshments etc.

The marathon was a huge success and received immense media coverage.



EWB-MJCET a constituent chapter of EWB-INDIA, EWB-INTERNATIONAL delivers holistic solutions for the betterment of the society.

EWB-MJCET utilizes the engineering skills to its maximum potential for the development and benefit of the society.

- A constituent student chapter of EWB - India
- Started in the year 2005
- Delivers holistic solutions to rural and urban communities
- Students work with, senior professionals and others NGO's

Chapter Vision:

- To utilize the engineering skills to its maximum potential for the development and benefit of the society.

Chapter Mission:

- To harness the resources available.
- To develop a database for emerging sustainable and innovative technologies.
- To create awareness among student members to work towards development of the society.

Recruitment Drive:

We firmly believe that everyone has great potential, and when provided with the right opportunity can bring about a tremendous change in themselves and the society.

Every year we conduct a recruitment drive to convince people to work for the betterment of the society

EWB-MJCET proudly conducted a recruitment drive and could get 34 new applications. Our team now consists of 105 members.



ACTIVITIES UNDERTAKEN IN 2017:

The following activities were taken up and executed by EWB-MJCET in the academic year 2017:

EWB- Green Building: 2017

This project involved the construction of a state-of-the art Green Building designed by Engineers without Borders (EWB) –M.J.C.E.T student chapter. This one-of-its-kind self-sustaining eco-friendly building was constructed within the premises of Muffakham Jah College of Engineering and Technology in Banjara Hills, Hyderabad and would serve as EWB-MJCET Student Chapter's office.

EWB-MJCET Chapter will be the first student chapter in India to implement the construction of Self Sustainable Green Building meeting most of the parameters required for an International LEED certification.

Green building, which is a hub to "train the trainer " initiative was inaugurated by Honourable Secretary, SUES, Mr Zafar Javeed in the presence of Mr Mahesh Patel (Global engineering Manager ,Pratt & Whitney) and Mr Bharat C Maharaj (Onsite manager, Pratt &Whitney). The project was funded by corporate companies namely Pratt & Whitney, Aerospace &Defence, Cyient Ltd, India and Belcan India Pvt Ltd etc.





TSE conference 2K17 :

EWB- MJCET student chapter in collaboration with EWB student chapters of the states of Telangana and Andhra Pradesh organized a 2 Day National Conference titled "Technologies for sustainable Ecosystem- TSE 2K17 " on 23rd and 24th March 2017. The venue for the conference was the very own lush green college campus. The objective of the conference was to cater a platform for engineering students to present their work on ecosystem technologies and to provide a platform for possible implementation of the idea for the betterment of the society. Researchers and speakers from various walks of life but dealing with the ecosystem addressed the young engineers of tomorrow during the 2 day conference and the inaugural session had a talk on sustainable technologies and need for maintaining our Ecosystem by Ms Caitlin(a student from University of Connecticut,USA).



Airtel Hyderabad Marathon 2k17

EWB-MJCET is quite well known name when it comes to volunteering. Our members have been very enthusiastic in all social causes. Airtel has taken a serious account of this and had signed a Memorandum of Understanding (MOU) with EWB-MJCET chapter for a period of 4 yrs. The chapter also holds the title of the best performing volunteering group in Airtel Hyderabad Marathon for 2 years in a row.

EWB-MJCET members volunteered for the Marathon to contribute towards the spirit of running. Around 60 members volunteered for the event and 2 teams of 30 members were allotted on 2 different stations, which were located at Nagarjuna Circle and KBR Park respectively. The volunteers had to report on 4:30AM at the day of the marathon where they were assigned different tasks like cheering the runners, **collection of waste, providing the runners with refreshments** etc. The marathon was a huge success and received immense media coverage. EWB-MJCET is looking forward to contribute in the organizing of the Marathon this year too.



List of the Projects Undertaken:

- ZPHS School Survey -1
- HUL Survey and Satellite Mapping.
- Rasoolpura Sanitation project.
- Fabrication of Foot Operated Tap
- Bio Diesel extraction
- Adoption of School Project
- Solar Fan for Traffic Police booth.
- Paper Collection and Cloth Collection.
- Website Development

ZPHS School Survey:jan 2018

We surveyed Government Schools for a science fair event where we came across a ZilaParishad High School where the facilities provided to the students was very underwhelming. The school lacked benches and basic amenities such as bathrooms, blackboards etc. We, EWB-MJCET plan to adopt the school for a week in January 2018 and work for providing the school with basic amenities.





Solar Fan in the Traffic Police Booth: 2018

A Solar Fan with capacitors which can be used in Day and Night Conditions was prepared and fixed on the Traffic Police Booths at the junctions.



Seminar on Future Projects:

A seminar was conducted on the future projects that will be undertaken by EWB MJCET and the candidates were made aware of the current problems being faced in the society and ideas were circulated on the improvement of the current situation.



HUL Bus Route Mapping: 2018

Members of our student chapter interned in Hyderabad Urban Lab where the members were asked to ride the city buses and geocode the City bus route locations. This was done to improve the Traffic system by understanding the bus routes in depth and to provide solutions for better traffic management system.



Signing a Memorandum of Understanding with EWB-UCON (University of Connecticut)&Installation of E-learning centres:

Students of EWB-MJCET along with EWB-India and students from University of Connecticut have successfully installed E-learning centers in various schools. Its purpose is to introduce the school children to digital courses in areas of Mathematics and Science. So far 28 E-learning centers have been set up.

Pratt & Whitney and its suppliers contributed more than \$93,000 USD(59,40,000 INR) for the set-up of the E-learning centers. In addition to UTC and Pratt & Whitney, United Technologies Research Center, Belcan, Quest global engineering, Cyient, RGBSI ,Genpact, CS Canada provided financial support for the project.





Future Projects

E –Learning Centers

Nalgonda Water Filter

Developing an identified slum

Design of Potential temporary shelter

Solid Waste Management

Solar Pump

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- To develop a database for emerging sustainable and innovative technologies.
- To create awareness among student members to work towards development of the society.

The following activities were executed as a part of EWBMJCET's planned curriculum.

Enrolment of new members:

The chapter hosts a decent number of student members from the time of establishment back in the year 2005. Currently the chapter has 90 active memberships. With a new addition of around 45 members in the current academic year.

Effective planning for the chapter for the year Jan-Dec 2018:

The below listed activities were planned by the executive committee of EWBMJCET

Activity	Proposed date	Status
School Infrastructure Development and Improvisation project	Jan 2018-May 2018	completed
Career counseling for class 10 students	Mid-January	Completed
TSE 2K18	Mid-February	Completed
Wealth out of waste	2nd week of March	Completed
Plantation drive	15-20 March	Completed
Workshop on internet of things	1st week of April	Not done
Fund and Relief material raising for Kerala	1st week of August	Completed
Airtel Hyderabad Marathon 2018	25-26th August	Completed
Workshop on Ethical Hacking	14-15 October	Completed



Career counseling session



plantation drive



Airtel Hyderabad Marathon-2018



Workshop on Ethical Hacking

List of Projects undertaken and their status thereof: School

school infrastructure and improvisation project

This Project was a large scale project for the Chapter and required engineering students from all the fields. The project had to be executed in terms of developing the basic amenities and some improvisation in the infrastructures spread over a large area.

The following sub Projects were executed under the School Project.

Drip Irrigation

An arrangement was provided for storing of excess water coming out from RO plant in storage tank and connections were provided to allow the flow of this stored water into soil through an underground pipeline

Drainage system:

A major problem the school had faced was an open drainage system which could have been the cause for various harmful diseases if not attended. Drainage pipelines were either in a dilapidated or a clogged condition leading the drainage waste to overflow from the manholes. Unclogging the pipes wasn't the solution as the pipes that were in use were completely damaged or distorted.

Team members from civil engineering provided a layout for placing of new pipelines and manholes system. With the help of excavators and labours new drainage system was constructed and checked for proper functioning of drainage system.

RO Plant:

Clean water was one of the most needed requirements of the school.

The existing RO plant was not functioning. The team started with the repair of RO plant by replacing the mother board panel which was not working. The sand and carbon which helps in the purification of water was decayed, new sand and carbon was reinstated in the plant. New candles were also put in place.

Play Ground Development:

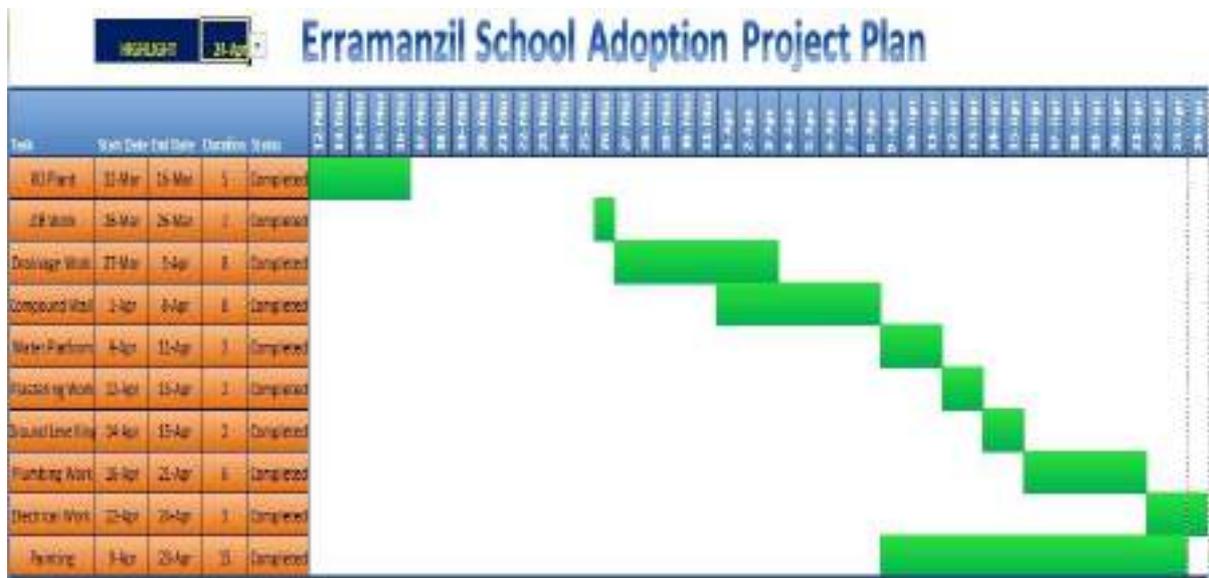
As the famous saying goes "All study and no play makes a dull girl". Physical activity is a vital part of childhood that helps children develop physical strength, coordination and balance.

The playground in this school was uneven and water-clogged which was not only uncomfortable for the students to play but also poses a potential harm while playing. The team decided to take up the task of creating a safer play zone.

Also list of other things that were taken up and executed before the time framework.

- Drainage system
- Playground development

- Handwashplatform
- Plantation
- DripIrrigation
- Compoundwallconstruction
- Doors(carpentrywork)
- Plumbingwork
- Weldingwork
- Computersoftwaredevelopment
- Plasteringofwalls
- Painting
- ConstructionofWashArea
- Careercounsellingssession



Sewageworks



BlackboardPaintings



Plantation Drive



Compound wall Construction



Welding Works



Interaction with school students



Playground Development



Inauguration of school



Upgradation of skills of the members:

The chapter being an engineering college chapter has a variety of students from departments ranging from civil, mechanical to the computer science. The school project provided an outlet for the exhibition of talent of mechanical and civil students. The outer boundary wall layout of the school was designed by civil students of pre-final year. The drainage system was made with mutual working of both mechanical and civil students thereby providing a platform to hone the engineering skills of future mechanical and civil students.

The workshop on Ethical hacking proved to be a boon for the computer science students as the university syllabus is outdated. With this constant learning process in action a strong bond of student chapter with professionals also became stronger.

Various paper publications were also made in the journals after the research being discussed at the conference on Technologies for Sustainable Ecosystems. The students from even the stagnant fields were seen showing keen interest in showcasing their research work. Also the EWBMJ CET's all fresh website was designed again by members proving that the chapter is self-sustainable.

Organization of seminars and Workshops for Increasing Awareness Of Members and other stakeholders:

- Various chapter presentation was made under the college fest of MJCET “Adsophos” introducing the vision and mission of EWB to the attendees of the college fest.
- The Chapter had been volunteering for the Airtel Hyderabad Marathons since the past 4 years and this chance was great for EWB MJCET to interact with the people outside the domain of engineering and to build a relationship with them thereby increasing the reach of EWB INDIA amongst the masses.
- The new curriculum of Engineering focusses more on building a social and a technical engineer. As part of this campaign the chapters spoke on the idea of social engineering and how EWB INDIA have been contributing to the implementation of this idea.





Contribution to EWB INDIA activities:

- EWBINDIAchoosethestudentchapterofMJCETforexecutionoftheschoolprojectatErum-manzil.TheprojectwaslookedandmatchedwiththevisionandmissionofEWBINDIAandworkedontheareasofsanitation,water,education,health.
- AShortVideoaboutEWBINDIAwasmadepromotingactivitiesofEWBINDIAfortheyear2018.

Sponsorshipandfundraising:

AfundofTotalRs18,730/-wereraisedunderthefollowingactivities:

Activities	FundRaised
Sponsorship	Rs10,500/-
TSE2k18	Rs5,250/-
WorkshoponEthicalHacking	Rs2,980/-
TOTAL	Rs18,730/-

TEAM ROBOCON MJCET
REPORT

“Photoshop Workshop”

Conducted on 13th and 14th October 2017 under the SDP (Skill Development Program) initiated by Arif Sir (HOD-ECE Dept.)



By Mohammed Wael,

ECE-B, 1604-16-735-114

Contents:-

- Preparations
- Poster
- Publicity
- Arrangements
- Software Installments
- Day 1
- Day 2
- Feedback
- Financial Declarations
- Impact



1. Preparations:-

After the grand success of our first workshop on Solidworks, we decided to proceed with our second workshop on Photoshop under the “Skill Development Program”, initiated by Arif Sir, HOD of ECE Dept.

Firstly, we were considering that our next workshop should be on Photoshop as we already had 2 members that were very well acquainted with it and other members who were amateurs in the software. We realized that with intensive practice and help from our 2 members, that were professionals, we could pull off this workshop.

On, 27th August 2017, the day our theme came out, we had begun our process of preparing the volunteers for the event. The software was installed in our laptops a day before. Ibrahim Bhaya and Faizan taught the image editing software to all the members that were present. We were easily able to understand their explanation and it was decided that we shall conduct a workshop on photoshop.

Most members practiced by themselves at home after the initial lessons and keeping the theme in mind, it was declared that we would conduct the workshop in October.

Originally we had planned for the first weekend of October, but due to the MJ HACK event we postponed our event to the next weekend. Throughout the first week, members were encouraged to practice the software and just 2 days before the workshop, we once again went through all the concepts that were going to be taught by us under the guidance of Ibrahim Bhaya and Faizan.

**TEAM ROBOCON
MJCET**

2. Poster:-

The poster was designed by Abdul Aziz during the first week of October and had highlighted the general details of the event and also showcased the photoshop skills we acquired. The poster was stuck, at various spots by the end of the week throughout the campus, with a special emphasis on places where, they would be easily noticed by our fellow students.

A digital copy was also made, that was spread through various social media platforms, along with a few paragraphs that explained the details of the event and our cause to enhance the skills of the student community.

TEAM ROBOCON MJCET

MUFFAKHAM JAH
COLLEGE OF ENGINEERING & TECHNOLOGY
(THE SULTAN UL ULOOM EDUCATION SOCIETY)
Affiliated to Osmania University & Recognized by AICTE
Banjara Hills, Hyderabad 500 034

PRESENTS WORKSHOP ON

Ps
PHOTOSHOP

ON **13** & **14** OCTOBER 2017

AT **STUDENT ACTIVITY CENTER**

Gain the skills that will come to define you

REGISTRATION FEE: Rs 150/-
ALL PARTICIPANTS WILL BE GIVEN CERTIFICATES
SOFTWARE WILL BE PROVIDED

teamroboconmjcet teamroboconmjcet

JIBRAN 7799643964 A.AZIZ 8121595751

Limited seats

3.Publicity:-

We knew that in order for this workshop to be of meaning for us, we had to make sure that it was a success. With this determination in mind, the members did the publicity.

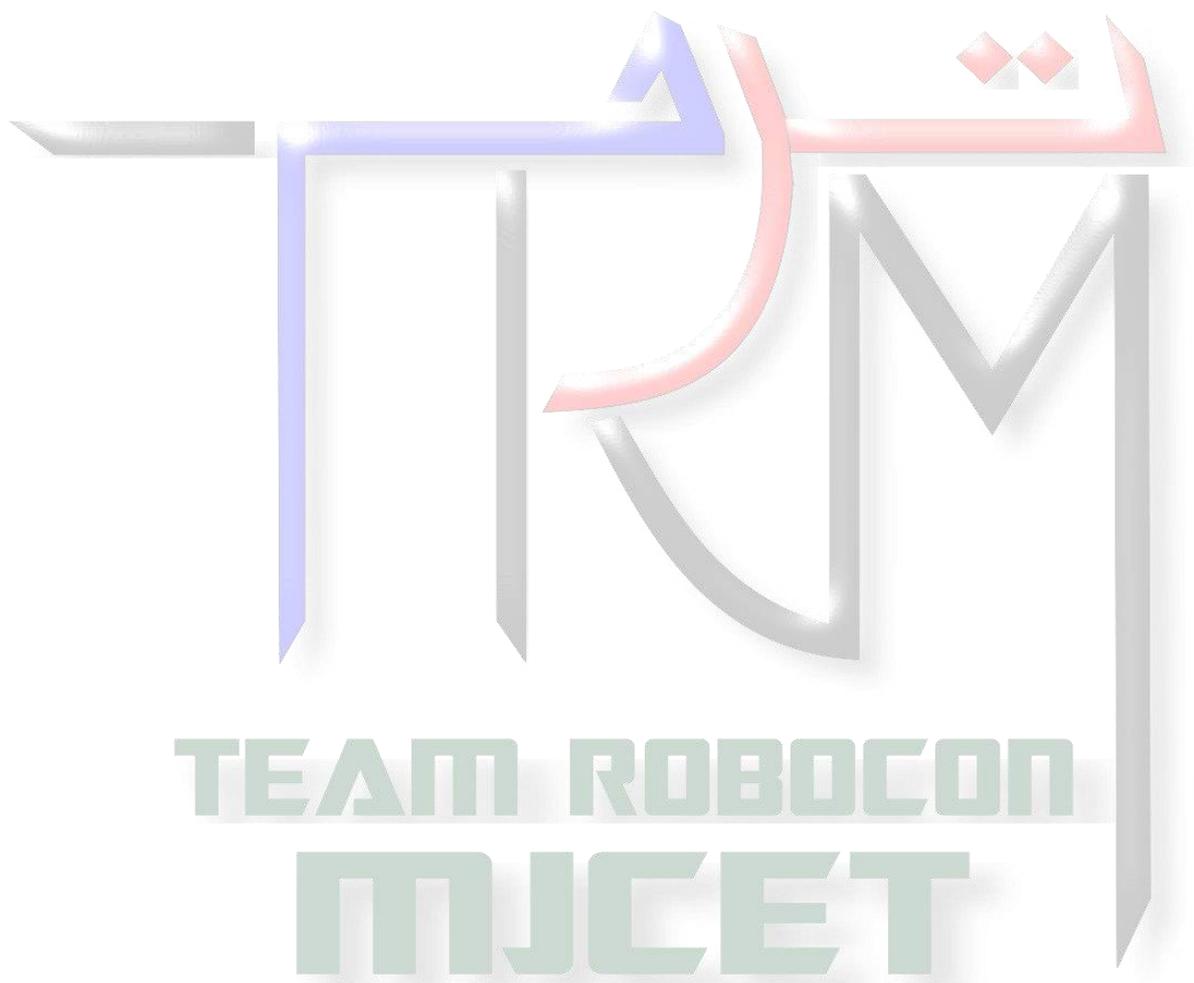
It was started from the Monday of the second week itself. By the end of the day, we covered almost all the classes by visiting each one of them and publicizing our workshop. The remainder of classes was covered by Wednesday.

There were 2 registration desks that were set up during the lunch and after 3.45 every day in the week. One was kept in front of the Admission cell and the other was placed in front of block 4. The members spoke personally with students of various branches and detailed them about the benefits of attending the workshop. Students from other colleges in the campus too were informed, as photoshop is a general technical skill.

Online publicity was done with much emphasis. We created a google form through which the participants can register themselves for the workshop with us. Posts regarding the workshop and the registration form were posted on the TRM facebook page and also on the MJCET news page. A Whatsapp Message was sent through various club groups of our

colleage and also on class groups. Publicity in other colleges were too done by online methods.

We had an offer of “Get 5 participants and your entry is free”, which was availed by 3 persons.



4. Arrangements:-

In order to adjust the large no. of participants we requested Farhat sir to grant us the Ghulam Ahmed Hall, but due to some reason we were denied. At the 3rd time, Sir agreed to give us the hall but only the region where we work in.

So we set up tables and chairs for the participants by using the furniture available in Ghulam Ahmed Hall and as well as from SAC.

We borrowed the projector from the MPMC lab of ECE Dept. and the microphone and speaker from the ECE Dept. The screen that we used for displaying was created by the ingenuity of our mechanical team.

Charging points were provided for the laptops by using extension boxes that were brought by the teammates and as well as by participants. The participants were provided with a tetra-pack juice on the second day.

A watsapp group was made of the people who had paid the fee of Rs 150/- and this group was used to notify the participants about the details and timings of the workshop.

5. Software Installments:-

One of the benefits of this workshop was we provided the cracked version of the original software to the participants that they could keep with themselves. The installation of software was done from Wednesday itself for those participants who paid. The process on an average took 15mins and thus we requested the participants to get the software installed as early as possible.

Despite our requests, we had still installed the software for some people on the 2nd day too. The procedure to install the software was taught by Ibrahim bhaya.

There were several lines of laptops in the robocon lab, where the installments were done. We used 16 or more GB USBs and Hard-drives, to install the software as it was of more than 8 GB. Some of these USBs were lost by the second day and are still to be found.

6. Day 1:-

On Friday, 13th October 2017, we had our first day of the workshop, which was from 3-5pm. But due to some technical issues regarding the projector and the mike, as well as the late arrival of the participants, we began the workshop by 3.30.

The topics on the first day dealt with the benefits and uses of the photoshop software, the different kind of images and how to open them on the software, some basic tools like Marque tool, Gradient tool, Text tool and the important concept of layers, that is the essence of the software. The volunteers were continuously engaging with the participants in order to clarify any doubt or explain anything that they could not follow. The topics were covered at a slow pace, so that everybody could follow what was being taught.

By the end of the first day, the participants were skilled enough to make a meme and so as homework we asked them to make a meme with the pictures we provided. We were glad to see that a large number of them were able to the homework. We had a total of 120 participants on the first day. The day was ended by 5.30 and everyone was called to offer the Asr prayer in the mosque.

7. Day 2:-

After the end of the day 1, the team had a meet and the Ghulam Ahmed hall was set up once again. The team members once again revised the topics that were to be taught the next day. The timings were set from 10am-4am on the second day, which was a second Saturday (14th October 2017).

The volunteers arrived as early as 8.30 to make sure that everything was in place and also to install the software in some laptops and clarify the doubts of the participants. We began the second day by 10.30, due the late coming of most of the participants.

We started the day, with a small brush up of the last day's class. Then we went to teach them the various selection, brush and editing tools that were used by photoshop users. They were also taught the various shortcuts that are used. By lunch, we had finished according to schedule. Before lunch, we provided the juice. The lunch was from 1 to 1.45pm. Since, the non-veg canteen was open, a large no. of people had their lunch over there.

After lunch, we continued with the remaining half topics and edited some interesting photos and made some funny images.

Our second half of the day was focused on making the pic on our poster, which was of Lincoln as the Joker, using an old image of his.

After the completion of the portion, we provided the certificate of participation, as promised, to those participants who were not from MJCET. We had participants from LORDS Engg. College, St. Francis College, Amjad Ali Khan College of Business Administration and Sultan-Ul-Uloom College of Pharmacy. The participants of MJCET will be provided with the certificate on Monday, during lunch and after 3.45pm, as most of the certificates became wet near the edges on the second day when Wael was getting them to the college after getting them signed by Arif sir on the same day. The total no, of participants on the second day were 132.

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8. Feedback:-

The participants were provided with a feedback form, were they wrote about how they found our workshop and what they liked in our workshop and what they thought we could improve on.

Most them felt that the workshop was conducted in an excellent manner and that they learned something new and of value. Some people pointed that the screen was not easily visible at the back and that audio arrangement was not up to the mark. Others hoped we had started earlier as promised, But all in all the feedback was positive and encouraging to conduct more such workshops.

Lastly, the participants were addressed by Jibrán Bhaya, captain of TRM, and Abdul Aziz Bhaya, vice-captain of TRM. They spoke on the work done by TRM and what Robocon is. They also asked the opinion of the participants on what topic the next workshop should be on. There was a huge support for animation and as well as for Arduino, other programming languages and sensors as the next topics on which we should have workshops on.

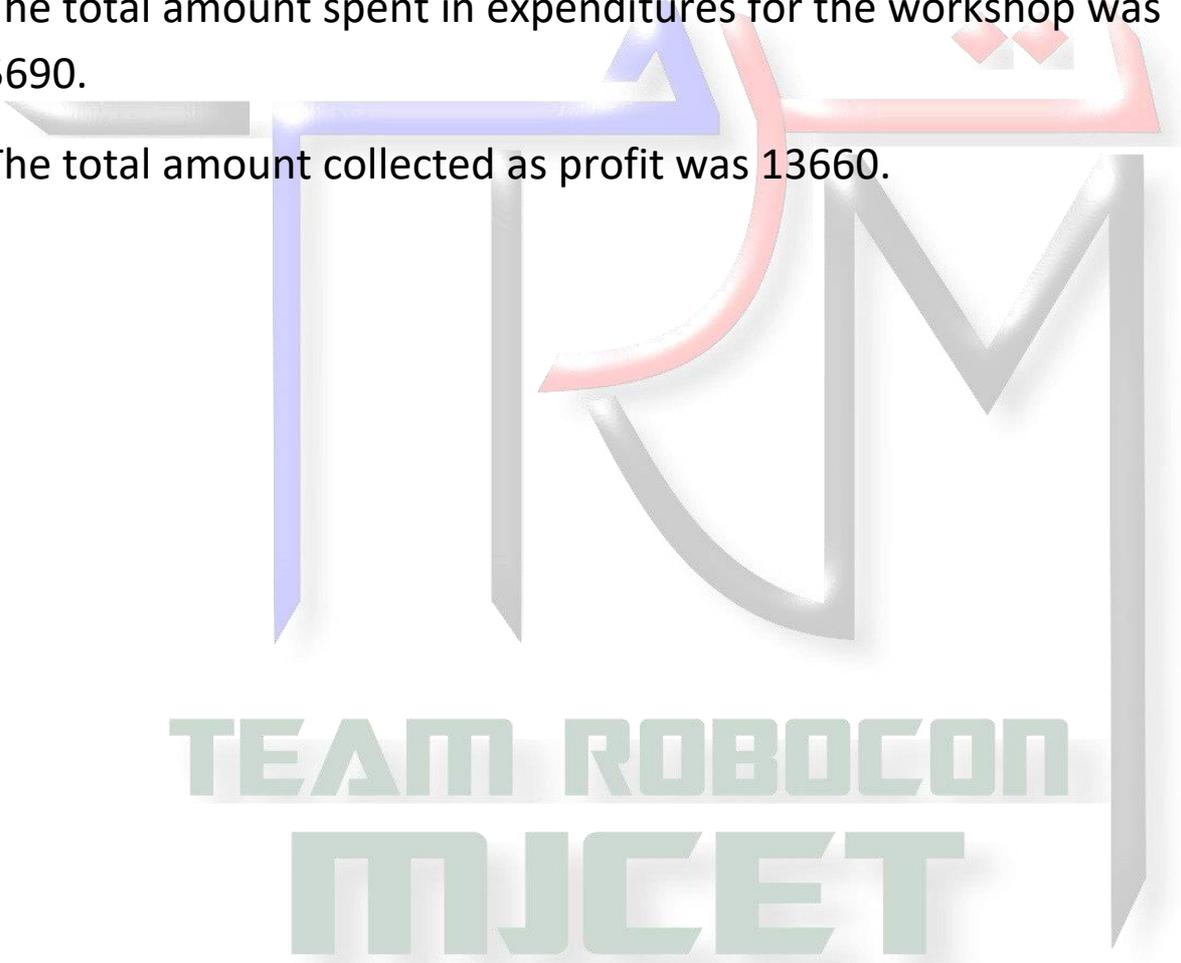
9. Financial Declarations:-

The total no. of participants that registered with us was 132.

The total amount collected was 19,350.

The total amount spent in expenditures for the workshop was 5690.

The total amount collected as profit was 13660.



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10. Impact:-

The team is happy to have pulled off such a successful workshop that had enhanced the skills of the student community in the campus as well as from other institutions. It is decided that our next workshop would be in the next semester and with an aim to do better, achieve more and remain committed to our cause.

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