



HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE

Bogaram(V), Keesara(M), R. R.(Dist.), Hyderabad, Telangana State-501301

TECH - SAVVY

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THE NEWS LETTER

Department of Computer Science & Engineering

The Department of Computer Science & Engineering was established in the year 2001. It has intake capacity of 120 students. All the laboratories are well established with state of the art equipment. The department has highly qualified and experienced faculty and technical staff. An innovative teaching and learning process is implemented in imparting quality education to the students which includes conduct of workshops, seminars, industrial tours, expert lectures and various extracurricular activities.



PROF. (DR.) B. SRINIVAS VERMA

Principal

To my mind an Educational Institute is not just about four walls with bricks, mortar and concrete, but about building characters, enriching minds and developing confidence towards above motivation. Every effort is pursued to identify the functional gaps between Holy Mary Institute of Technology & Science and the Premier Institutions of the country like IITs and NITs so as to narrow the caps as soon as possible.



PROF. G. CHARLES BABU

HOD-CSE

It gives me immense pleasure to lead the department of Computer Science & Engineering. The aim of the department is to provide high quality education along with training the students with all the new advancements in the computers field. I congratulate the team of faculty members and the students for their brilliant and original efforts. I wish all the students and faculty a great academic career.

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From the Editorial Board

Technology refers to the use of tools, machines, materials, techniques and sources of power to make work easier and more productive. While science is concerned with understanding how and why things happen, technology deals with making things happen. Development is closely related with technology. The stage of development the human being has arrived could have been possible without the advancement in technology. The radical change and advancement in the economy, as we observe today, is the result of the modern technology. Technology has brought about efficiency and quality in the manufacturing sector. Technological advancement has reduced the risk involved in manufacturing enterprises. There has been tremendous improvement in the field of health the world over not only the average age of people has increased but the mortality rate has also declined considerably. This could be possible only because of technological advancement in health sector. There is perhaps no field of human life which has not been affected by technology. Agriculture, industry, profession, health, education, art, political processes, recreation, religious activities and daily life activities all are under the influence of technology. But, it is important to keep in mind that technological advancement has affected human life both positively as well as negatively. Not only that life has become easy and comfortable, there are also indications of several threats to life and society in the future due to use/misuse of modern technology. The nature and extent of development the human society has experienced by now is heading towards crises in future. The sustainability of development is in question today. This has happened only due to irrational use of technology.

Department of Computer Science & Engineering

Workshop



Poster presentation on “Data Warehousing” was conducted for third year and final year students at Seminar hall in Holy Mary Institute of Technology & science, students got participated actively in this event and presented their excellence in poster presentation. Paper presentation on “**Ethical hacking**” was also been conducted for final year students in HITS campus



Workshop

At birth, we experience our first relationship with our mother and as we grow up we will have a whole web of relationships. In human life, relationships are very important for human survival and development. A beautiful union exists between 3 relationships: a relationship with others, a relationship with oneself and a relationship with God, our father. It is clear, God created us to live in relationship with others, so why not make the best of it. When a relationship is loving and intimate we experience God through these relationships. In conclusion, relationships are very important. Without human relationships a person can't go through life.



Human values and professional ethics workshop was conducted for HITS students at seminar hall. The motive of the event is to Understand Harmony in the Human Being Understanding Harmony in the Family and Society-Harmony in Human-Human Relation Ships. The resource person Dr. A. M. R Senapathi, Siva sivani Management Institute delivered their valuable views towards Human-Relationships.

Workshop



Workshop was conducted on **PHP** for the following topics

- i. PHP Basic concepts variables and functions
- ii. File handling in PHP

For the final year students .The Resource person Mr.K Rajendra Prasad, Verizon discussed about the PHP basic concepts with the students

PHP is a general-purpose scripting language that is especially suited to server-side web development, in which case PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content or dynamic images used on websites or elsewhere.

Cultural Activity

Minutes to win and sms texting games was conducted for third year and final year students. In minutes to win the games were

Card ninja:

This one is a fun game which needs your accuracy. Youngies will love this game. It can be played between two or even three. It is up to you how you want to take this game.

Props:

Half water melon
New Cards (Sharp)

Let suppose there are two contestant playing this game. So let them stand aside with distance between them. In front of each contest the half water melon needs to be placed facing the the contestant. The table on which you place it should be at some distance, the ideal distance should be 10 to 12 Feet. But depends on you.

Timer will start with sixty seconds to complete this game. Now each player will have few cards with them which they have to throw in a way that it should hit and stuck in the water melon. The contestant who puts more cards in the melon will win the game.

Noise Dive:

This is really a fun game, the contestant have to use their brain a little to have that perfect accuracy which needed for the game. The game is simple and interesting.

Props:

Few cotton balls
Bowl
Petroleum Jelly

There will be two bowls for each contestant,

Technical Corner

Keep those two bowls at a distance of full stretched arms. Keep one bowl empty and other bowl should be kept with all the cotton balls.

Each contestant should apply petroleum jelly at tip of the nose. Now the contest have to put his/her nose in the bowl which is filled with cotton balls.

The contest have to pick the bowls one by one with his nose and drop it to other. As it is sixty seconds game so the the winner will be the one who puts more into the empty bowl.

Tip – Don't push your nose too much to the cotton balls because it will create problem while dropping to the other bowl. Also don't just push less, it will create problem while picking. So the balls needs to be picked very carefully with an accuracy.

SMS Texting Games:

This another form of puzzle game where your intelligence is heavily required. Answer any of the questions and test your IQ. It's really an interesting game to play over in groups

- 1) 64 S on CB
- 2) 26 L of the A
- 3) 7 D of the W
- 4) 7 W of the W
- 5) 12 S of the Z
- 6) 52 C in a P
- 7) 18 H on a G C
- 8) 5 F on a H
- 9) 206 B in a B
- 10) 6 B in a O
- 11) S S G 2 A

Answering any 5, means
your IQ is pretty high.
Can somebody answer this!

11/27/2015 5:17p

Logical Puzzle

Guess the names of these clothing and accessories brands...

1. 👠 (1 3 5 7 9)
2. 🧸🔑
3. 🚗😬
4. 👖🚽n
5. 👠🌳
6. 🎨+
7. 🧑
8. 🇻🇮🇮
9. 👨👩👧
10. 🧑👩👧
11. 🚗AL
12. 🐶🐶🐶

10:30pm

Guess Clothing and accessories brand names from WhatsApp Emoticons and smileys answers

1. Barbie
2. Nike (Nie + key)
3. Van Heusen
4. Pantaloon (Pant + Loo + n)
5. Belita (Belly + tree)
6. Color plus (Color + Plus)
7. Tommy Hilfiger
8. VOV
9. Little Angel
10. Polo
11. Loreal
12. Hush Puppies

Duolingo (/ˌdʒuːoʊˈlɪŋɡoʊ/ *DEW-oh-LING-goh*) is a free language-learning platform that includes a language-learning website and app, as well as a digital language proficiency assessment exam. Duolingo offers all its language courses free of charge. As of November 2016, the language-learning website and app offer 66 different language courses across 23 languages; with 22 additional courses in development. The app is available on iOS, Android and Windows 8 and 10 platforms with about 120 million registered users across the world. Duolingo provides written lessons and dictation, with speaking practice for more advanced users. It has a gamified skill tree that users can progress through and a vocabulary section where learned words can be practiced.



duolingo



1. You are at a game show and there are three closed doors. There is a prize hidden behind one of the doors and the game show host knows where it is. You are asked to choose a door. The game show host then opens one of the other two doors showing that it is empty and asks you if you would like to change your selection. Should you stick to your original selection?

Solution: It is better if you select the other door. Since there are three doors then there is a 67% chance that you choose the wrong door with your first selection. If you are wrong the game show host will select the other wrong door since she knows where the prize is hidden. Therefore it is better if you switch to the door which the game show host leaves closed.

2. Six drinking glasses stand in a row, with the first three full of juice and the next three empty. By moving only one glass can you arrange them so empty and full glasses alternate?

Solution: Pour the second glass into the fifth glass.

Intelligence Quotations

- Genius is nothing but continued attention.
- **Claude A. Helvetius**
- Patience is a necessary ingredient of genius.
- **Benjamin Disraeli**
- Always bear in mind that your own resolution to succeed is more important than any one thing.
- **Abraham Lincoln**
- Think like a wise man but communicate in the language of the people.
- **William Butler Yeats**

Vision

To produce technically competent and qualified professionals with cutting edge of research and innovative technology for the benefit of student community in particular and society in large.

Mission

- M1: To be a centre of excellence in Technical and Higher Education
- M2: To be a centre of excellence in Research
- M3: To be a centre of excellence in Support Services

Program Educational Objective

PEO 1:

To prepare the students for entry into successful employment as software engineers in industry, service, consulting and/or government organizations or for advanced study at leading graduate schools in engineering, business, management or other technical or non-technical fields.

PEO 2:

To encourage teamwork skills among the students to design and implement complex software systems, particularly the ability to work with people from other fields in integrated engineering teams and develop the leadership skills for maximizing the performance of those teams.

PEO 3:

To offer a curriculum that encourages students to become broadly educated engineers and to equip with the attitudes and skills to foster learning themselves for life long, an ability to communicate effectively with various audiences and function as responsible member of the global society.

POs AND PSOs of Department**PROGRAMME OUTCOMES**

- (a) An ability to apply knowledge of mathematics, science and engineering.
- (b) An ability to design and conduct experiments, as well as to analyze and interpret data.
- (c) An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health & safety, manufacturability and sustainability.
- (d) An ability to function on multidisciplinary teams.
- (e) An ability to identify, formulates and solve engineering problems.
- (f) An understanding of professional and ethical responsibility.
- (g) An ability to communicate effectively.
- (h) The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context.
- (i) A recognition of the need for and an ability to engage in life-long learning.
- (j) A knowledge of contemporary issues.
- (k) An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.