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EDITOR : PROF. VIRANG OZA, CO-ORDINATOR : MRS. KIRAN SUHEL SHAH

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Gardividyalpith Sports Fiesta 2018



With the determination to conquer the world, the tough Gardians were on the ground to inaugurate Gardividyalpith Sports Fiesta 2018. The event was inaugurated on 26th January, 2018. It was 4 days event in which many games were included. The chief guest for the event were Mr. Kartik Patel, Managing Director - Angel Pumps, Mr. Mahendra Rajdev - Ex Ranji Trophy player and Mr. Arvind Pujara, Ex Ranji Trophy Player and father of Test Match Tycoon Mr. Cheteshwar Pujara.

*"You can't put
a limit on anything.
The more you dream,
the farther you get."
- Michael Phleps*

Conti... from page 1 - Sports Fiesta 2018...



Faculty Industrial Training

The Department of Civil Engineering had been always striving for the learning on field work and try to interact with the industrial work. To cope up with the development of students, consultancy work and give the students the essence of field learning and training.

Prof. Rahul Parmar went on one week training from 20th to 26th November, 2017 at R & B Vastrapur Subdivison Ahmedabad for understanding the process of tendering, estimation & costing, government working procedure, standard quality of construction material, quality and checking procedure, and identifies the problem solving skill during the work.

PROJECT:

Type or project : G+13 story tower

Location : Memnagar, Ahmedabad



Under Observation of R & B Vastrapur subdivision

Material : Cement, Aggregate, Soil, Metal, Water.

Prof. Rahul Parmar Feed Back on training:

Project comprised of two phase:

1. Mix design of the Concrete for different stage, structure designing and testing of material.
2. Supervising the construction work.

Part in which I involved as a trainee: I was allocated one project that is ongoing in (Memnagar) Ahmedabad which is a G+13 story Tower construction; they were using conventional method, using M15, M20, & M25 Concrete for strengthening. My role was to observe the work that is going on, and implementation of the design which is provided by the government body. I have observe the real time construction during my training.



G+13 story tower at Memnagar Govt. Colony, Ahmedabad

IIT Bombay Techfest 2017-18

DATE: 29 December, 17 To 31 December, 17

TIME : 8:00 am to 4: pm

The Department of Civil Engineering believes in the interaction of student's at various events at regional and national level. The head of the department and the faculties motivated and helped them with possible arrangements for travelling to IIT Bombay for participating in National event organized by L&T Company in collaboration with IIT Bombay. More than 25 students from final year and pre-final year had participated in that event.

STRUCTURE: Design a Tower Crane using popsicle sticks cotton strings and Fevicol as adhesive (without using any strengthening



"Glimpse of the participants from the Department of Civil Engineering pre-final year student to IIT Bombay"

end of the crane.

The loading would be done on the using a 5cm x 10cm loading plate-connecting hook system. For this the bridge should a 10 mm diameter circular hole.

OUTCOMES:

- Students developed idea by visualization how many types of crane designs are possible and their salient features.
- Students were able to develop the idea of maximum load condition in various crane structure tested over there.
- The students developed the idea of professionalism, opportunity to interact with the IIT Bombay expert and Came up with the mind blowing facts of current demand in structure making.



"Analyzing the crane structure"

coating) that can sustain the maximum possible load with radius and self-weight, satisfying all the understated constraints.

TEST:

1. Teams were given 5 minutes for changes to make final changes in their structure before the testing, and then the structure was weighed after the changes were done.
2. The dimension of the structure was measured
3. All construction and material requirements would be checked prior to testing. Cranes failing to these requirements and constraints would be disqualified or penalized accordingly.
4. Loading would be done using a hook at the



"The testing begins on the crane "

Workshop on Internet of Things Using Linux and Raspberry Pie Board

Department of Electronics and Communication Engineering of B. H. Gardi College of Engineering and Technology had organized a workshop on **Internet Of Things using linux and raspberry pie board** on 21st September, 2017. The workshop was conducted by Mr. Aditya Prajapati, software trainee at Encore Research, Baroda.

Objectives of workshop:

- To make students aware about the importance of Internet Of Things in recent era of Embedded system
- To introduce one of the widely used embedded



Expert explaining the concept to students



Question Answer session between students and expert

board in the embedded industries that is "Raspberry Pie"

- To introduce and encourage students to use Linux operating system in command mode operation

Outcomes of workshop:

After attending this workshop student were able to

- Use commands for operating Linux operating system
- Understood the working environment of embedded industries
- Port Linux in raspberry pie board using SD card

How to Earn Through Blogging

The Women council of B. H. Gardi College of Engineering and Technology organized a seminar on "How to earn through blogging" on 28th December 2017. There were students from Engineering and MCA departments.

Event Objective:

1. Empower the students through blogging.
2. Motivate students to form their own Identity and guide to share their views on social media.



Deep Pragatya by: RJ Sheetal & Mr. Akshay Makadiya

Activity Reviews:

The event started with Deep Pragatya by Invitees and Committee members enlightening divas and prayers were sung by the audience.

RJ Sheetal introduced her and other guests and shared her idea of empowerment with students. She shared her experience regarding International Woman Gatherings and Highlighted:



3. To exchange and contribute Ideas for women empowerment with leading entrepreneurs and social leaders.

Invitees & Speaker:

- Akshay Makadiya (Main Speaker of the Session)
- Student Preneur, Blogger and SEO consultant
- RJ Shital
- Mithi Mirchi of radio Mirchi 98.3
- Yatri Raval
- Owner of Complete Woman

Foundations (Link : <http://thecompletewoman.in>)

- Dhaval Dave
- Dhaval Dave is Senior Entrepreneur, Business Analyst, Avid Reader, Blogger and Passionate Golfer.



Token of Appreciation to all our Guests

"World's most cultural growing women belong to India and Nepal".

The main speaker of the session - Akshay

Industrial Training at Jyoti CNC Automation

Objectives:

To understand the Machining operation on different (4 and 5) axis machines of CNC and VMC.

To check the quality of object with CMM machine, Profile projector, and autocollimator.

In material testing techniques in which it was learned how get the information about complete sand casting operation, assembling of machines and sheet metal processing operations.

Introduction:

Prof. Meghavi Parmar Faculty from the Department of Mechanical Engineering,



BHGCET, Rajkot had undergone one-week industrial training at "Jyoti CNC Automation, Rajkot" for the skill enhancement of machining and casting technology.

Following topics were covered during the Training:

- 1) Programming on CNC & VMC Machine.
- 2) Large size object machining operation.
- 3) Quality checking operation on CMM machine.
- 4) Sand and material testing methods.
- 5) Large mold making processes by sand casting.
- 6) Assembling of CNC & VMC machines.

Conti... from page 6 - How to Earn...

Makadiya shared his experience of blogging and also demonstrated handy tricks to start with an effective blogging. The student crowd raised few valuable queries which he answered genuinely.

Yatri Raval initiated a talk regarding - "The Complete Women" and invited all the attendees to share their ideas and unleash the creativity within.



Group Photo with our Guests after Session Completed



Republic Day Celebration 2018



Workshop on Fundamentals of 'C' Workshop (Phase-1)

Objective: To re-evaluate C Programming with following objectives.

- Write C Program
- Learn Error and Problem Solving
- Perform basic looping

- Modularize your C Program
- Gain knowledge regarding importance of C in Industry and Education Field.

Participants: 4th CE & IT Students

No. of Students: 100+



Students doing Practical - C Programming

Subject: 'C Programming'

Date: 26th, 27th & 28th December 2017

Duration: 3 Days

Facilitator: Prof. Madhuri Vaghasia, Prof. Pinal Rupani, Prof. Pooja Mehta, Prof. Dishita Mashru, Prof. Shyam Kotecha, Prof. Kashyap Dave, Prof. Mitul Sheth, Prof. Rahul Vora, Prof. Hapi Suthar

SESSION BRIEFING:

Through these 3 days' workshop named as "Fundamentals of 'C Programming", Facilitator re-evaluated C Programming by some practical implementation with fewer lines of coding and experienced some "Magic with C Programming World". Solid Programming Techniques emphasized as a part of this 'C Programming' Workshop. Code Competition was arranged so that students can explore their programming skills and also they can identify, at which they need to do more practice.



Students attending Theory Sessions

The topics which are covered in session are as follows:

Day - 1: (Re-evaluate C Programming)

Theory:

- Control Structure
- Array
- Loops
- User Defined Functions

Practical:

- Basic Looping

- Array
- UDF

Day - 2: (Visit to Pointers and I/O in C Programming and Experience Magic with C)

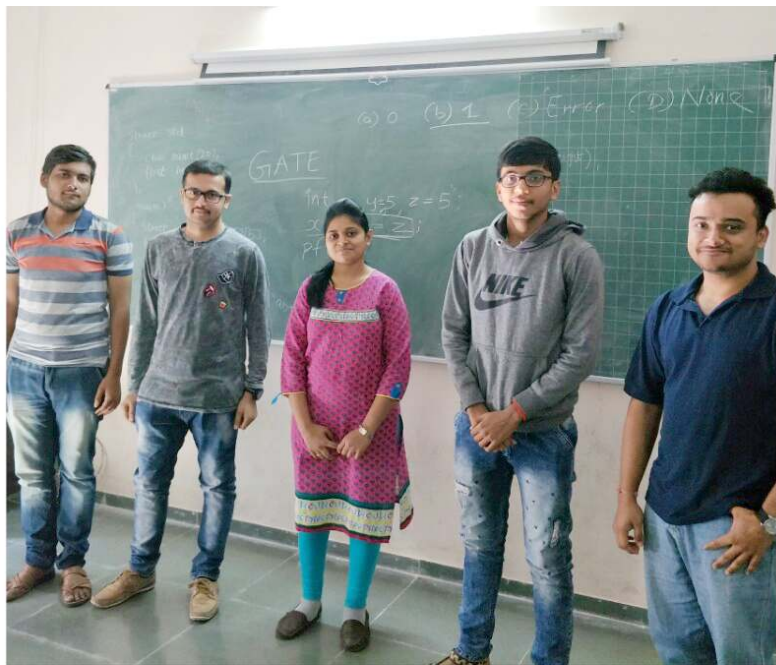
Theory:

- Pointers
- Standard I/O

Practical:

- Pointers
- Magic with C World

WINNERS



Code Competition Winners (4th A, B & S Division)

Day -3: (Test your 'C')

Practical:

- Standard I/O
- CODE COMPETITION

Workshop Conclusion Session:

- Importance of C Programming in Industry and Education Field
- Moving from C to C++
- Certificate Distribution

OUTCOMES:

C Programming Overview

- Why C is important in every field?
- Learn Principles of Programming.
- Learn all control statements, how to process array, basic functions for I/O & how to create user defined functions, basic looping with practical implementation.
- Able to create first command line application within minutes.

Magic with 'C World'

- Go through different application developed in C.
- Learn how to use pointers and allocate memory
- Error Solving Programs

Importance of C in Industry and Education Field

- Gain knowledge regarding Current Scenario in Industry.
- How to prepare C for GATE.
- Get to know what importance of C in Industry is.

Code Competition

- Able to test own 'C Skills'
- Learn fast execution of Programs.

STUDENT'S VOICE

C Programming is one of the basic languages to develop our logic. So it is essential for us to know the concepts, meaning and applications of C Programming. A workshop on C was organized for us by our faculties. They refreshed our all concepts and also we learn a new programming method which is easy to implement with fewer lines of coding. The best part is we able experience magic with 'C world'. We get to that lots of different applications are there which is developed in C.

The conclusion session was best, as we get to how C is basic in each & every field. Also we get to know how to prepare for GATE Examination. I found this workshop very vital and helpful.

- Dhara Parekh (4th IT)

Great workshop! This re-evaluation is very helpful as our all concept got cleared. The best part is that, this workshop arranged in beginning of semester as in our new (4th semester) c++ subject is coming so I can clearly reference what I learned. Code competition is also good part as we can able to test our own C Skills. Everything was done very professionally. Thank you to deliver such a great knowledge about Importance of C in industry & education field and exited to attend such more sessions in future.

- Riya Patadiya (4th CE)

Empower Woman Council Election

Event Date: 29th December 2017

Event Type: A Central Level Event (Including all engineering branches' girls students and MCA girls students)

Event Objective:

1. To elect new Empower Women Council, BHGCET members.
2. To exchange new outlines and ideas for the activities to be planned for the year 2018.



Discussion on upcoming plans and sharing of views with the women council Faculty Coordinator: Prof. Priyanka Raval

After introduction, Lady Faculties from various departments formed a panel and interviewed the nominees. The panel included - Prof. Homera Durani from MCA department, Prof. Priyanka Raval from CSE/IT Department, Prof. Dhvani Pandya from Mechanical Department, Prof. Mittal Shah from Electrical Department and Prof. Ekta from Civil Department.

The audience was facilitated by the volunteers for the election.

The elected Members are:

- The President - Ms. Krishna Paneri



Audience Participating in the Election

No. of Participants: More than 100 girls participant

Invitees & Speaker: Including all Engineering Branches Girls Students and MCA Girls Students.

Activity Reviews: The session was started with introductions of all the Nominees for the various posts like:

- President
- Secretary
- Web Officer
- Treasurer



Elected Council Members giving speech



Krishna Paneri elected as President



Paneri Devangi being elected as secretary

- The Secretary - Ms. Devangi Paneri
- The Web Officer - Ms. Tanvi Dave
- The Treasurer - Ms. Hetal Dave

All the elected members got a recognition certificate by The In-charge Principal Prof. Virang Oza.

The program ended with a short discussion about the future plans and farewell of the old Committee members.



Tanvi Dave being elected as women council Web officer

Up Coming Attractions...



B. H. Gardi College of Engineering and Technology is very proud to announce an event which is a milestone for every student to make their creative technical ideas into reality, **“HACKATHON 2018, It’s not about idea, it’s about making ideas into reality”** on 9th and 10th March, 2018.

Going brief in the word Hackathon, it is a mixture of two words: “hack” and “marathon”. It is a marathon in which you have to hack innovative ideas into reality. It is an event where the young minds participate in the marathon to chase these ideas. Hence, here is a chance to create something new, something advantageous and something that others just think of, for all the rising stars of B.H. Gardi College of Engineering and Technology to “hack” their ideas and come up with new innovation.

The team “HACKATHON” welcomes you all to the new journey to “innovative invention”, **“HACKATHON 2018”**

Editor : Prof. Virang Oza

Co-ordinator : Mrs. Kiran Suhel Shah

For any suggestion or queries, mail @ garditimes_sub@gardividypith.ac.in

Valedictory of Sports Fiesta 2018

"A Trophy carries dust, Memories last forever" - Mary Lou Tetton



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