VIGNANA BHARATHI
Institute of Technology

IEEE

VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY
Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report on Alumni Interaction:

IEEE-VBIT SB has organized its first weekly activity, an alumni interaction wherein the students were given the opportunity to interact with the alumni of VBIT. The session consisted of questioning, presenting, and sharing of thoughts, experience & ideas by the alumni to the participants. Such interactive events improvise students to know current scenario of education in competing world and knowledge sharing at very large scale.

Event details:

Date: 13th July, 2011.

Venue: VBIT Campus.

Timings: 1430 to 1630 hrs,

No. of Participants: 36

Branch Counselor :

Dr.C.R.N.Sarma

Chapter Advisor

B.Sarveshwar Reddy

Organizing body:

Sikta Suchismita

Aditya Rayarapu

Shubhangee Ojha

The session started with an introductory speech by **Dr.C.R.N.Sarma** addressing to the participants. The event then continued with an analyzing session wherein the participants were asked few questions.

The main speakers' i.e Alumni were:

K.C.B.Balasubramanyam - Served as Secretary IEEE-VBIT SB

R. Surya Prabhakar - Served as Treasurer IEEE-VBIT SB

Kashyap - Served as Chairman CS chapter under IEEE-VBIT SB

M. Sindhoora - Served as Vice Chair-person WIE Affinity group under IEEE-VBIT SB

Gnanendra Vemula - Served as GINI representative

(Dr. C.R.N Sarma, branch counselor addressing the participants)

The motive behind the alumni interaction to the students from 3rd and 2nd years was to guide them in their academics, help them in molding their path towards success in the competing world.

K.C.B.Balasubramanyam suggested the participants to take up a project, work on it in groups to have a practical experience to the ones they learnt in their academics. **Surya Prabhakar** explained the importance of time management. **Gnanendra** and **Kashyap** briefed about the importance of doing their masters degree in a reputed university.

Sindhoora insisted to develop communication and soft skills which are helpful for getting placed in MNCs and IT companies.

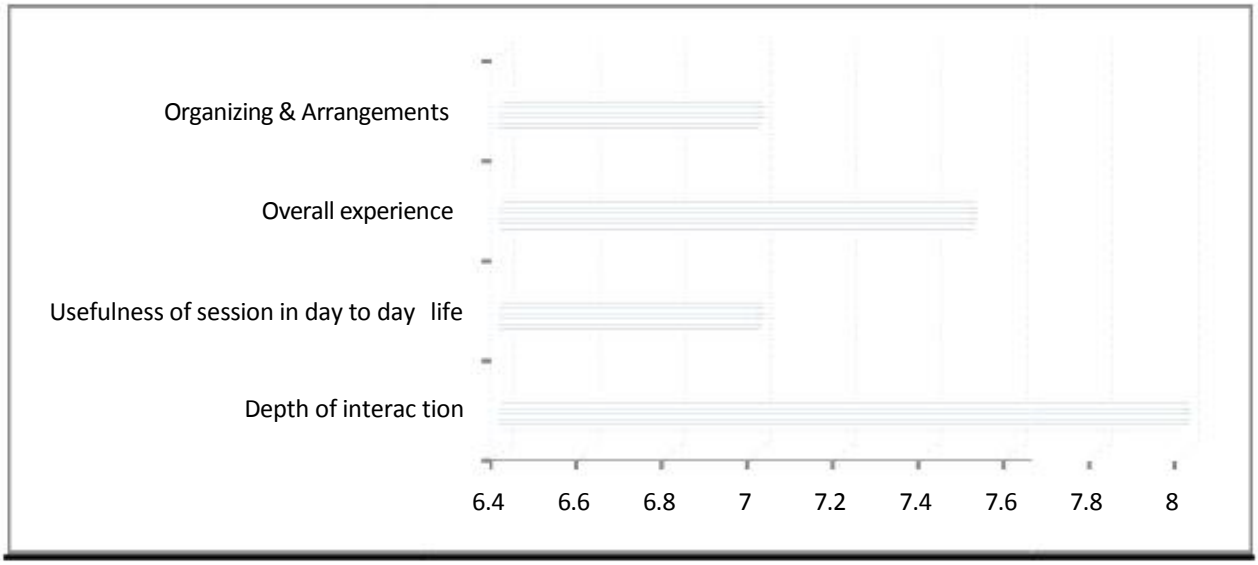
(Interaction among the participants and the alumni)

(Alumni suggesting the participants about the projects)

(Dr. C.R.N Sarma speaking to the alumni)

The session ended on a high note with alumni guiding the participants by sharing their experiences, suggesting them to work hard and achieve peaks in their life.

FEEDBACK:



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SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report on AVISHKAR 2K13, Intra round

Vignana Bharathi Institute of Technology has carved a niche for itself in imparting value based technical education. AVISHKAR - Engineering Inventions is a paper presentation competition held every year in VBIT and is exclusively for the 1st years. The main objective is to bring the first year students out of the shell and provide them with a firsthand experience in facing the competition outside.

VBIT is the only college in the whole of Asia-Pacific (R10) region, under IEEE to host this event exclusively for the first years. The goal is to provide a platform to exhibit a paper presentation which showcases their updates with technology along with their presentation and communication skills. This is not only a platform to prove one's talent but it also a path to explore hidden talents and also rectify drawbacks in one's self. AVISHKAR realizes this aspect keenly and hence focuses only on offering the freshers a unique opportunity to shed their inhibitions and put forward their talents and interests in front of a known audience. It helps them enhance their presentation skills, communication skills and managerial skills. That way they're encouraged to get rid of their hidden stage-fear and come out as confident individuals.

IEEE-VBIT SB is the first one to introduce such an activity especially for the first year undergraduates so as to motivate, encourage and inspire them to be confident and bold professionals. The uniqueness of this activity has thereby won laurels that widely support and appreciate the cause and purpose of the activity.

• INTRA EVENT DETAILS:

- **Date:** 24th and 26th January, 2013
- **Venue:** Vignana Bharathi Institute Of Technology
- **Number of rounds:** 2
- **Number of papers presented:** 122
- **Number of streams:** 5

- **Organizing team:**
  - Sai Anjani U.
  - Arjun Bobby
  - G. Alok
  - Chandra Mohan
  - Charishma Reddy
  - Deepthi Gregory
  - Harsha V.
  - John Benedict
  - Nikhilesh S.
  - Rama Krishna
  - Rajat Dodle
  - Swathi Kanuganti
  - Krishna Tejaswi
  - Vamsi Krishna

- **Faculty Coordinators:**
  - Ms. Mamata
  - Mr. Shyam Prasad

- **Objectives:**
  - ✓ To provide a platform to exhibit a paper presentation that showcases their updates with technology along with their presentation and communication skills.
  - ✓ To provide a unique opportunity to shed their inhibitions and put forward their talents and interests in front of a known audience.

- Received a good response from the first years with a good number of registrations both online and offline.
- The intra round was conducted in two days.

Day 1: 24th Jan, 2013

- There were 122 teams to compete on 24th Jan, 2013, first day of the intra round.

- The Teams were divided into five streams and were allotted in 5 different rooms for their presentations on 24th January, 2013.

Streams	Number of papers presented	Rooms
1. Power and Energy	24	G03
2. Communications	25	T&P
3. Computing	27	203
4. Physics	21	Board Room
5. General	25	Mechanical Block

- **Schedule:**

10:00 AM - 10:40 AM	Inauguration
11:00 AM - 01:00 PM	First session
01:00 PM – 01:30 PM	Lunch
01:30 PM - 4:15 PM	Second session

Day 2: 26th Jan, 2013:

- The top 15 finalists were announced on 26th January.
- On 26th January, 2013, second day of Intra round, the top 15 gave their presentations in two rooms, i.e. Training and Placement Hall and the Board room.
- **Schedule:**

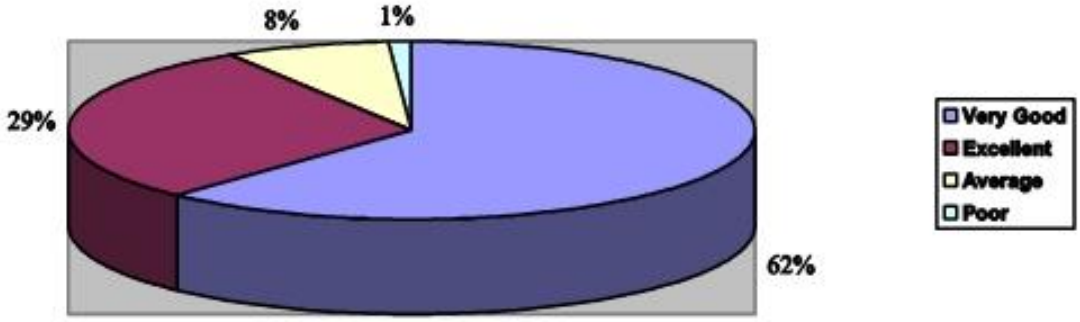
10:00 AM- 12:30 AM	Finals
12:30 AM- 01:00 AM	Prize distribution

The final judgment is as follows

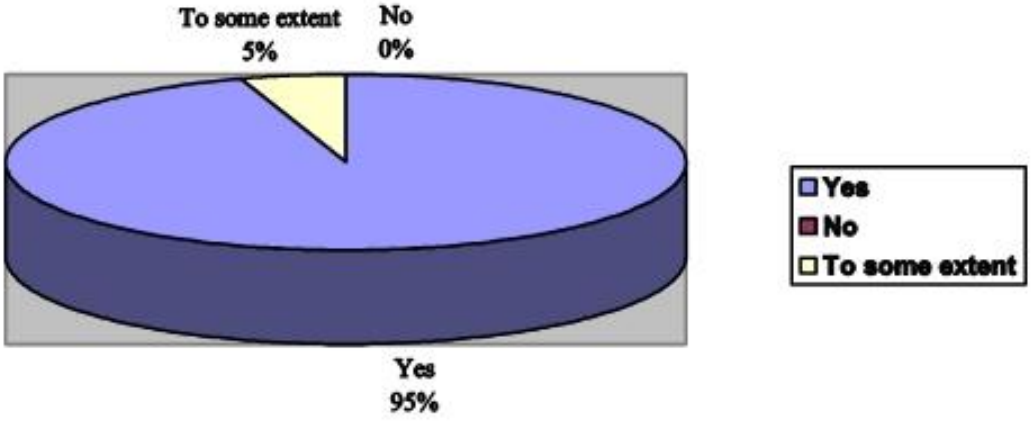
Prize	Winner	Topic
1st Prize	-V. V. M. N. S. Girish- ECE	-Forensic Entomology
2nd Prize	-Akshita Gulati- IT	-Golden I
3rd Prize	-Avinash- IT	-Carbon Nano Tubes
Consolation prize	-Prahlad-CSE -T. Yashasvi- EEE -Amit Pandey- MECH -Aravind Sundaram- MECH	-Youth in Politics -Automation -Fluid Dynamics
Medal Winners(Token Of Appreciation)	-B.Sravani & Spandana- ECE -B. Krishna Veena & N. S. Jayashree - CSE -Sujatha. K.- IT	-Witricity -Virtual Reality -Biometrics

Event feedback:

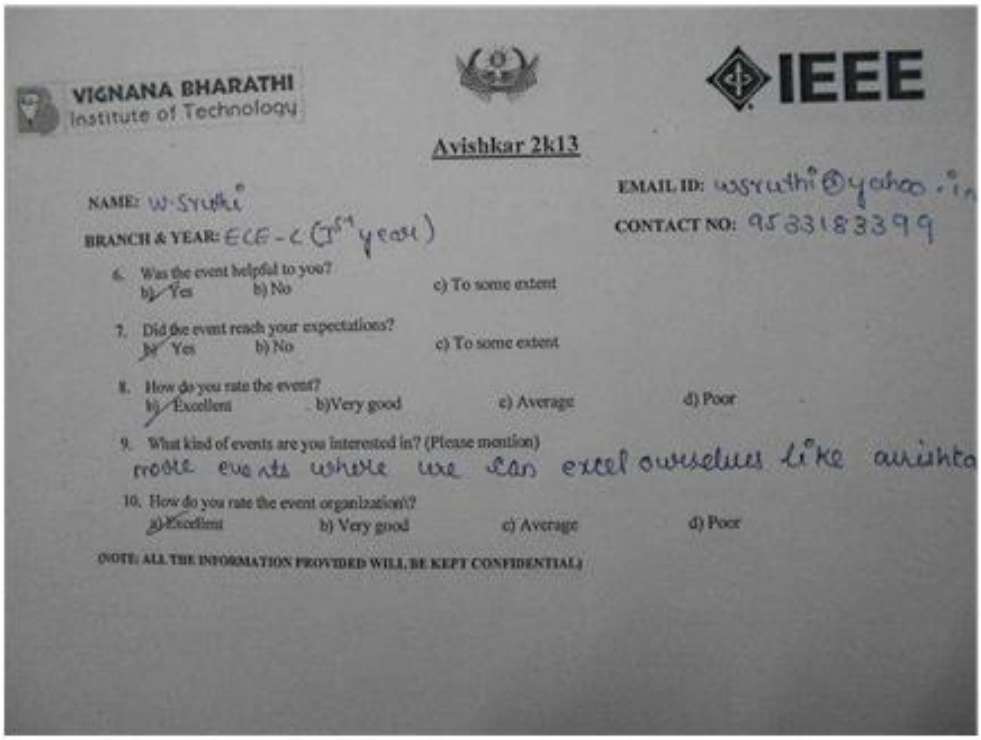
Feedback:



Was the event helpful?



Event Feedback Forms:



VIGNANA BHARATHI Institute of Technology

IEEE

Avishkar 2k13

NAME: W. Sruthi

EMAIL ID: wsruthi@yahoo.in

BRANCH & YEAR: ECE-C (3rd year)

CONTACT NO: 9533183399

6. Was the event helpful to you?
   b) Yes b) No c) To some extent

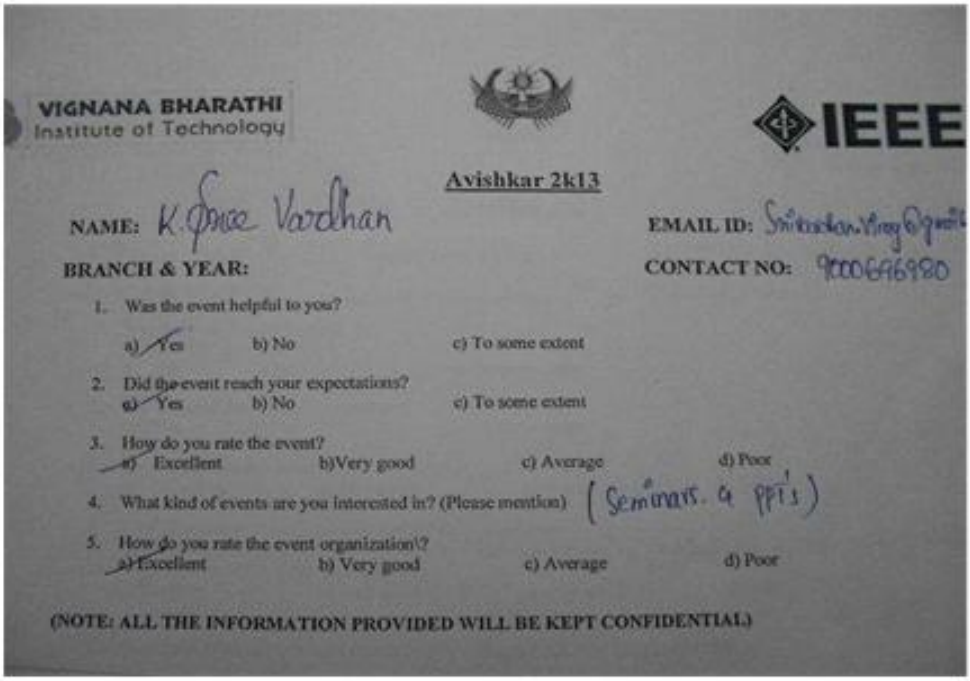
7. Did the event reach your expectations?
   a) Yes b) No c) To some extent

8. How do you rate the event?
   a) Excellent b) Very good c) Average d) Poor

9. What kind of events are you interested in? (Please mention)
   mobile events where we can excel ourselves like avishka

10. How do you rate the event organization\?
    a) Excellent b) Very good c) Average d) Poor

(NOTE: ALL THE INFORMATION PROVIDED WILL BE KEPT CONFIDENTIAL)



VIGNANA BHARATHI Institute of Technology

IEEE

Avishkar 2k13

NAME: K. Sree Vardhan

EMAIL ID: Srivardhan.vbit@gmail.com

BRANCH & YEAR:

CONTACT NO: 9000696980

1. Was the event helpful to you?
   a) Yes b) No c) To some extent

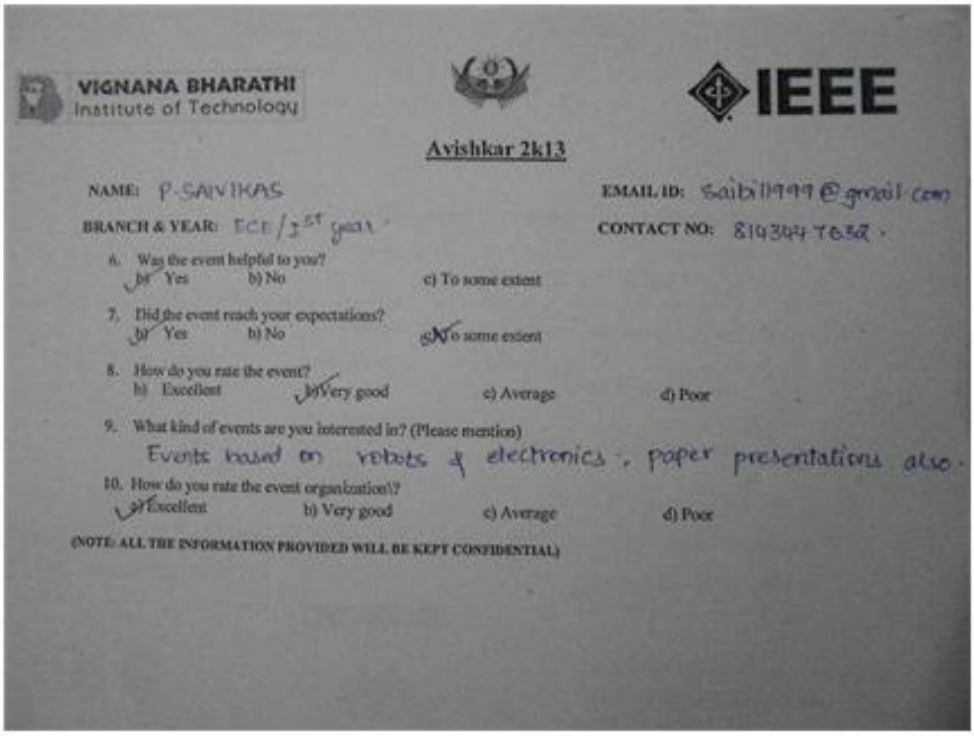
2. Did the event reach your expectations?
   a) Yes b) No c) To some extent

3. How do you rate the event?
   a) Excellent b) Very good c) Average d) Poor

4. What kind of events are you interested in? (Please mention) (Seminars & PPTs)

5. How do you rate the event organization\?
   a) Excellent b) Very good c) Average d) Poor

(NOTE: ALL THE INFORMATION PROVIDED WILL BE KEPT CONFIDENTIAL)



VIGNANA BHARATHI
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Avishkar 2k13

NAME: P. SAIVIKAS
EMAIL ID: saibi1999@gmail.com
BRANCH & YEAR: ECE / 2nd year
CONTACT NO: 819394 76582

6. Was the event helpful to you?
a) Yes b) No c) To some extent

7. Did the event reach your expectations?
a) Yes b) No c) To some extent

8. How do you rate the event?
b) Excellent a) Very good c) Average d) Poor

9. What kind of events are you interested in? (Please mention)
Events based on robots & electronics, paper presentations also.

10. How do you rate the event organization\?
a) Excellent b) Very good c) Average d) Poor

(NOTE: ALL THE INFORMATION PROVIDED WILL BE KEPT CONFIDENTIAL)

Event pictures:

Day 1:

Participants giving their presentations in their respective rooms.

APPLICATIONS

Day 2:

Outline
What is Politics?...
Reasons - the youth are not interested in the political field...
Role of Youth In Politics...
Most secrets Of Politics...
Let's Participates in Politics...
Questions...

V. V. M. N. S. Girish being awarded the first place.

Group Picture of the winners along with the judges of AVISHKAR 2K13, intra round

Group picture of Winners of AVISHKAR 2K13, Intra round

Group picture of the organizers and volunteers of AVISHKAR 2K13

Review: AVISHKAR- 2K13 has helped the first years to come up with their ideas and present it through their papers. It has helped them to build their confidence and improve their communication skills. Stepping into the professional field AVISHKAR has given them a good start, giving them an insight into the field of science and technology.

Blog: avishkar2k13.blogspot.in

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report on Interfacing Microcontrollers and Autonomous Robotics

Event Details

Date: 20th July, 2012

Timings: 10:00AM- 4:00PM

Venue: Vignana Bharathi Institute of Technology

Members attended: 51

Speaker of the day: Mr. Shaik Asif Pasha

Branch Counselor:

Dr. C. R. N. Sarma

Faculty Advisor:

B. Sarveshwar Reddy

Organizers:

Sikta Suchismita

Aditya Rayarapu

Shubhangee Ojha

Embedded system engineering is a very exciting field of engineering where devices capable of interacting with the real world are designed and programmed. So IEEE-VBIT SB took a stance in organizing a one day workshop on Interfacing Microcontrollers and autonomous robotics.

Purpose: To encourage the students and develop their interest for embedded system engineering.

EMBEDDED SYSTEM WORKSHOP @ VBIT

Objective: Introduction to microcontrollers and its interfacing, its real time application and a hands-on approach.

The workshop was divided into two segments:

11:00am- 1:00am: Theoretical Session on Microcontroller, Sensors, Photodiode & Led Flasher

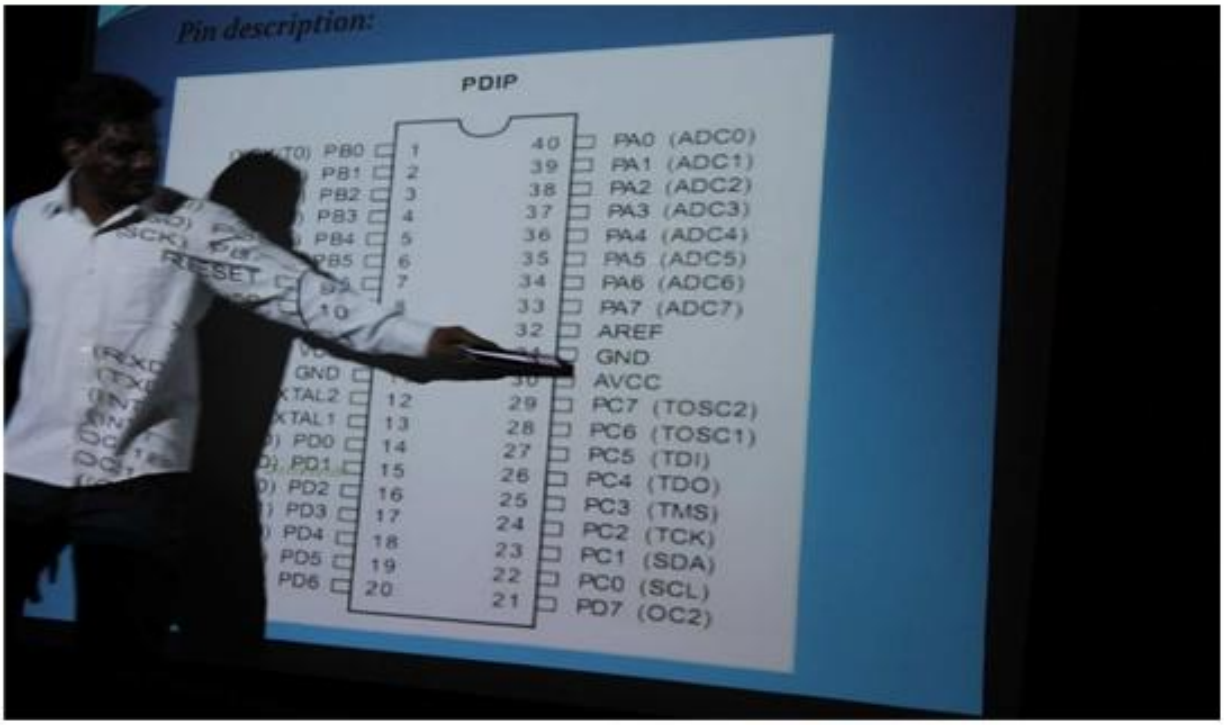
1:45pm- 4:30pm: Hands-on Session of BASCOM Software

The day began with Miss Sikta Suchismita, Chairperson IEEE-VBIT SB addressing everyone and briefing the participants on the workshop.

First of all **Dr. C.R.N. Sarma**, Branch Counselor overviewed the audience on the topic that was going to be dealt throughout the workshop. Then **Dr. J.S.N. Murthy,** Principal VBIT briefed about importance of Embedded Systems Engineering and how it's a field of all, computer science, electronics and electrical engineers. Last **Dr. Manohar Reddy**, Secretary VBIT threw lights on the achievements of IEEE-VBIT SB and its future plan.

Then the session was handed over to the speaker **Mr. Shaik Asif Pasha,** a student at VIT University. He has published about 30 National papers and had conducted various workshops.

Our Principal Dr. J.S.N Murthy addressing the participants



Speaker explaining the pin diagram microcontrollers

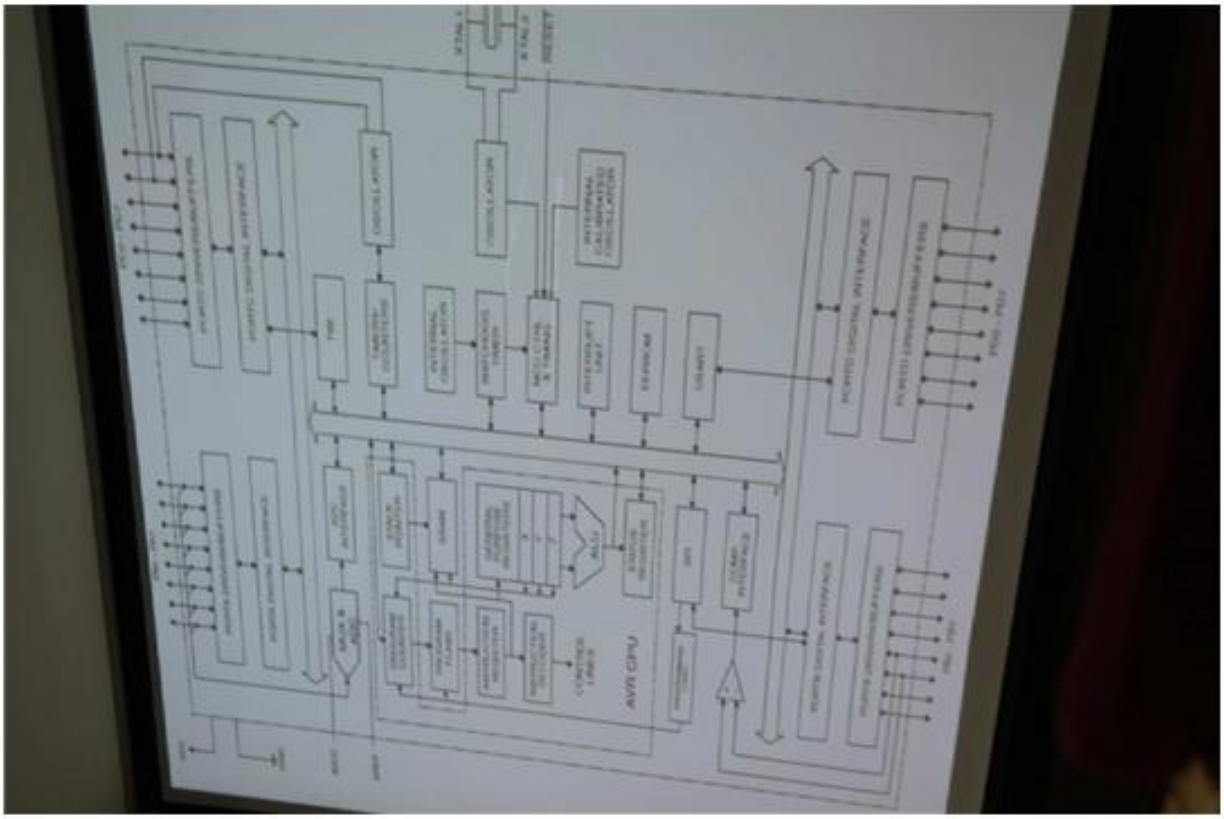
The workshop commenced with the speaker introducing the audience to microcontrollers. The Intel MCS-51 (commonly referred to as 8051) is Harvard architecture, single chip microcontroller (µC) series which was developed by Intel in 1980 for use in embedded systems. Intel's original versions were popular in the 1980s and early 1990s. While Intel no longer manufactures the MCS-51, binary compatible derivatives remain popular today. In addition to these physical devices, several companies also offer MCS-51 derivatives as IP cores for use in FPGAs or ASICs designs.

He also threw lights on 8051 architecture which provides many functions (CPU, RAM, ROM, I/O, interrupt logic, timer, etc.) in a single package.

The speaker said "You wouldn't know how to interact with the world if you didn't know what is happening on the outside. Same is the case with robots." We need an interface between the real world and the logical world. For that we use sensors. The most important part of any system is gathering information for processing. This is usually done using sensors. The common varieties of sensors that are available in the market were discussed in detail.

The next topic dealt was Photodiodes. Photodiode acts as a variable resistor, where the light falling on the depletion region's surface acts as the variable parameter. It is used similar to the LDR. The advantage of Photodiode is that it responds and switches faster than an LDR.

Apart from microcontrollers, sensors and photodiodes, LED Flasher was even considered.



Architecture of Microcontroller

The afternoon session started with the explanation about the BASCOM Software. The following points were discussed about the software. Bascom means Basic Compiler. Bascom is developed and sold by MCS Electronics. Bascom comes in three variants:

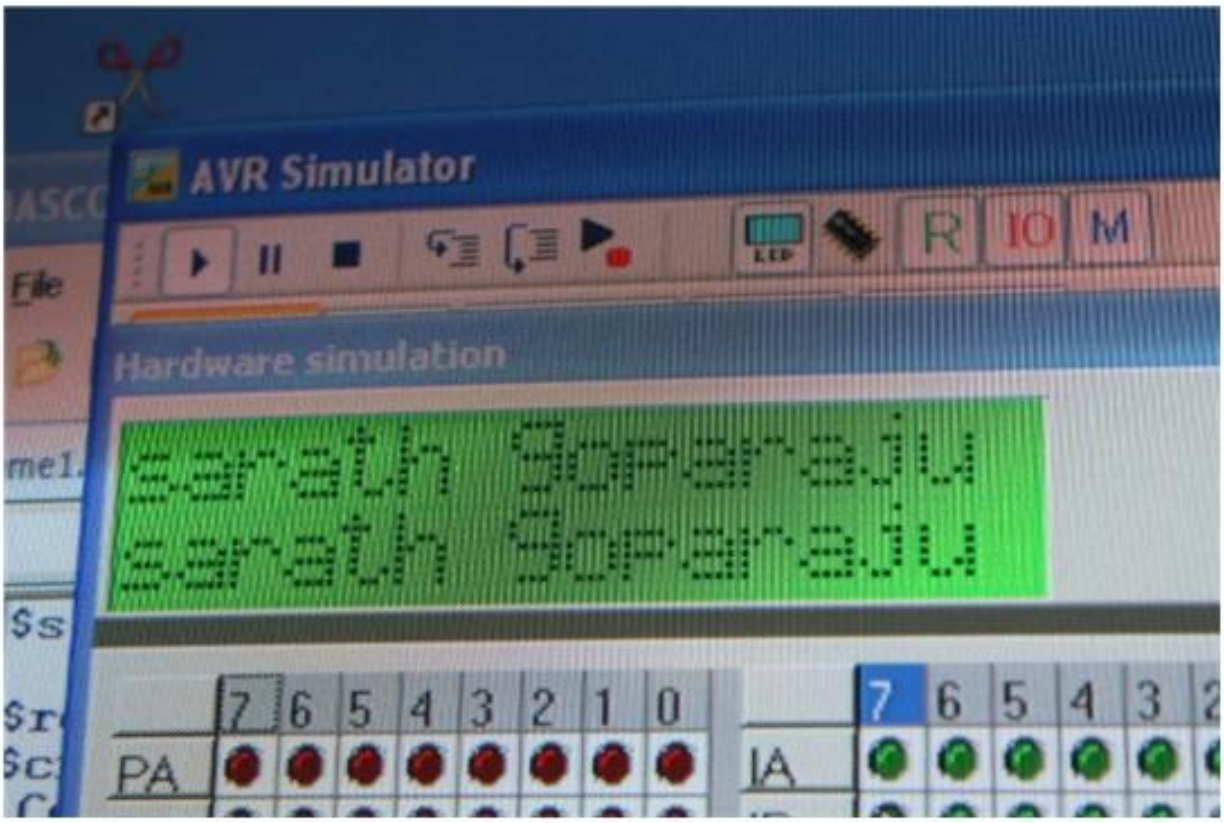
- Bascom-LT for Atmel AT89Cx051 microcontrollers
- Bascom-8051 for 8051 microcontrollers
- Bascom-AVR for Atmel AVR microcontrollers

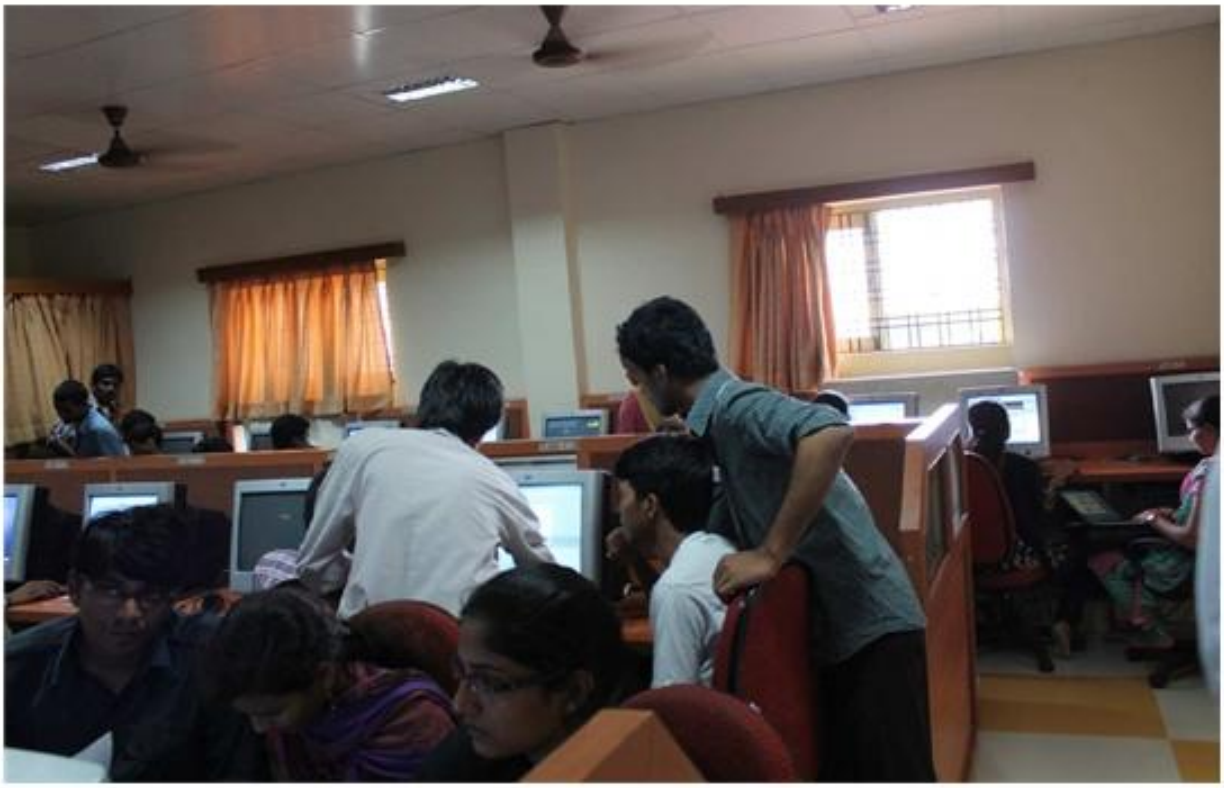
Bascom is a PC application that will allow to:

- write programs in Basic
- translate these programs on the PC to machine code (a format the AVR controller can execute)
- simulate the compiled code
- use external programs to flash ('program') the compiled code into an Atmel AVR • microcontroller

At 2:30pm we proceed to the lab for having the practical session.

Students having hands on experience and learning BASCOM with loads of enthusiasm





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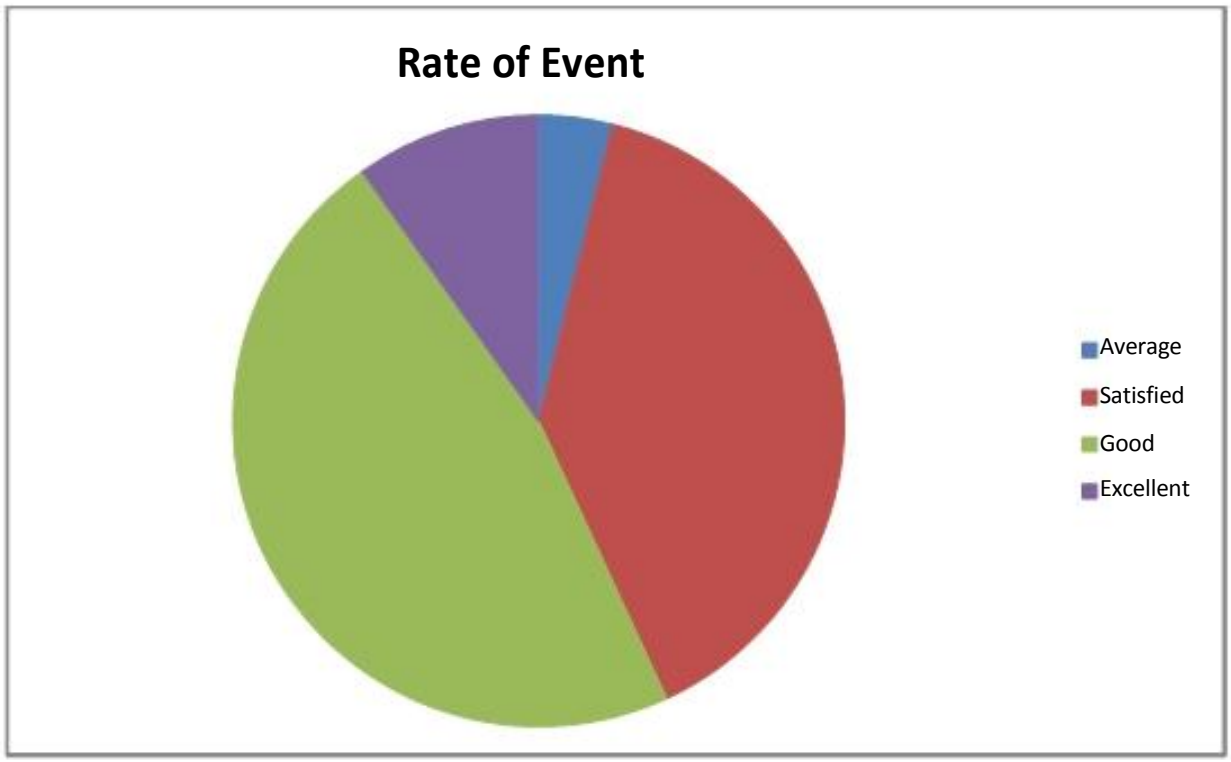

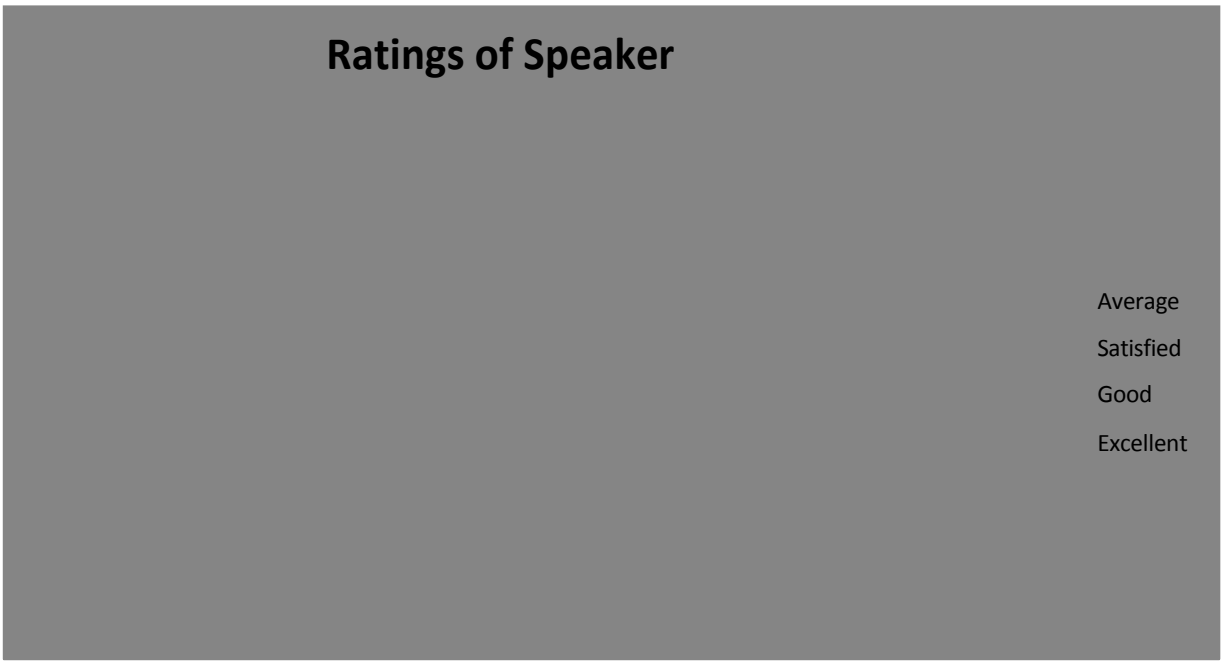

The workshop completed on a good note with participants willing to have some more different workshops. Hence IEEE-VBIT SB looks forward in conducting such informative and productive workshops in near future.

VIGNANA BHARATHI Institute of Technology

IEEE COMMUNICATIONS SOCIETY

IEEE

VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report on Three day workshop on HDL for Chip design

The Comsoc chapter under IEEE-VBIT SB has conducted a two day workshop on octave on 14th and 15th September,2012.

Event details

Dates: 21st, 22nd & 24th September, 2012

Venue: VBIT campus

Timing: 10:00AM-4:00PM

Members attended: 110

Speakers of the day: Team from Vedic School of VLSI Design

Branch counselor: Dr.C.R.N.Sarma

Faculty Advisor: B. Sarveshwar Reddy

Organizers:

1. Prateek Abhyankar
2. Lokesh Kumar
3. Srinivas Reddy
4. Mohan Sameer
5. S.Vivek
6. S.Madhuri

Objectives:

1. To create awareness on Hardware Description Language
2. Introducing the basic VLSI designing and its scope in the field of electronics.

The three day workshop is planned to be a one and half day theory session and other one and half day hands on session

Day 1

The day began with keynote by Dr.Chandrashekar, Scientist at DRDO., briefing the about the scope and advantages of VLSI design.

The first day team from Vedic School of VLSI design has given a presentation on different areas of engineering in the field of VLSI and essentiality of Hardware Description Language in VLSI design

Day 2

The morning session was continued by the team from Vedic school and a demo on Verilog programming using Xilinx is given.

Afternoon session was a practice session by the participants and an interactive practicing environment was created.

Day 3

The whole day was a hands-on session on Verilog programming using Xilinx.

The workshop completed on a good note with participants willing to have some more different workshops. Hence ComSoc,IEEE-VBIT SB looks forward in conducting such informative and productive workshops in near future.

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Report on Membership Initiation Program at Aurora's Scientific Technological & Research Academy(ASTRA)

As requested by a student member at Aurora's Scientific Technological & Research Academy,IEEE-VBIT SB has organized a Membership Initiation Program at ASTRA

Event details

Date: 10th January,2013

Venue: Aurora's Scientific Technological & Research Academy Campus

Timing: 10:00AM-4:00PM

Members attended: 120

Branch counselor: Dr.C.R.N.Sarma

Faculty Advisor: B. Sarveshwar Reddy

Organizers:

1. Sikta Suchismita
2. Shubhangee Ojha
3. Lokesh Kumar
4. Ravi Kiran
5. Dheeraj Kokkula
6. Hemanth

Objectives:

1. To create awareness on benefits from IEEE and its societies for the student community.

The whole program is segmented in to two sessions

11am to 1pm : Initiation session on IEEE,PES,Comsoc,CS and WIE affinity group.

2pm to 4pm : Group discussion on IEEE and IEEE WIE AG

Session 1

The session began with an introduction about IEEE by Sikta Suchismita,Chair person,IEEE-VBIT SB, a briefing about IEEE and benefits from IEEE for students has been given by her.

After the session about IEEE, Shubhangee Ojha,Vice Chair,IEEE-WIE AG,IEEE-VBIT SB, has given a presentation on importance of Women in Engineering and WIE Affinity group.

A presentation Power and Energy Society is given Hemanth. This session included the importance of PES and his experience in PES.

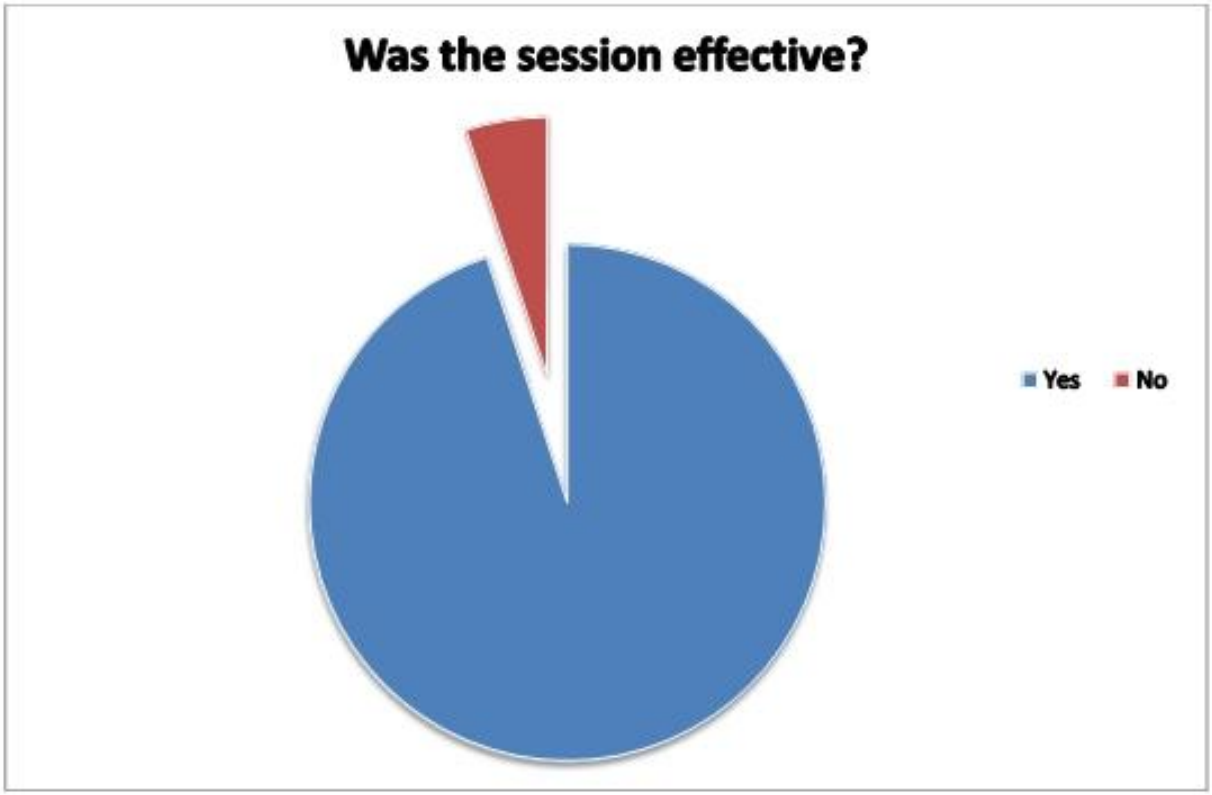
After a presentation on PES, a session was taken on Communications society by Lokesh Kumar and Computer Society by Ravi Kiran.

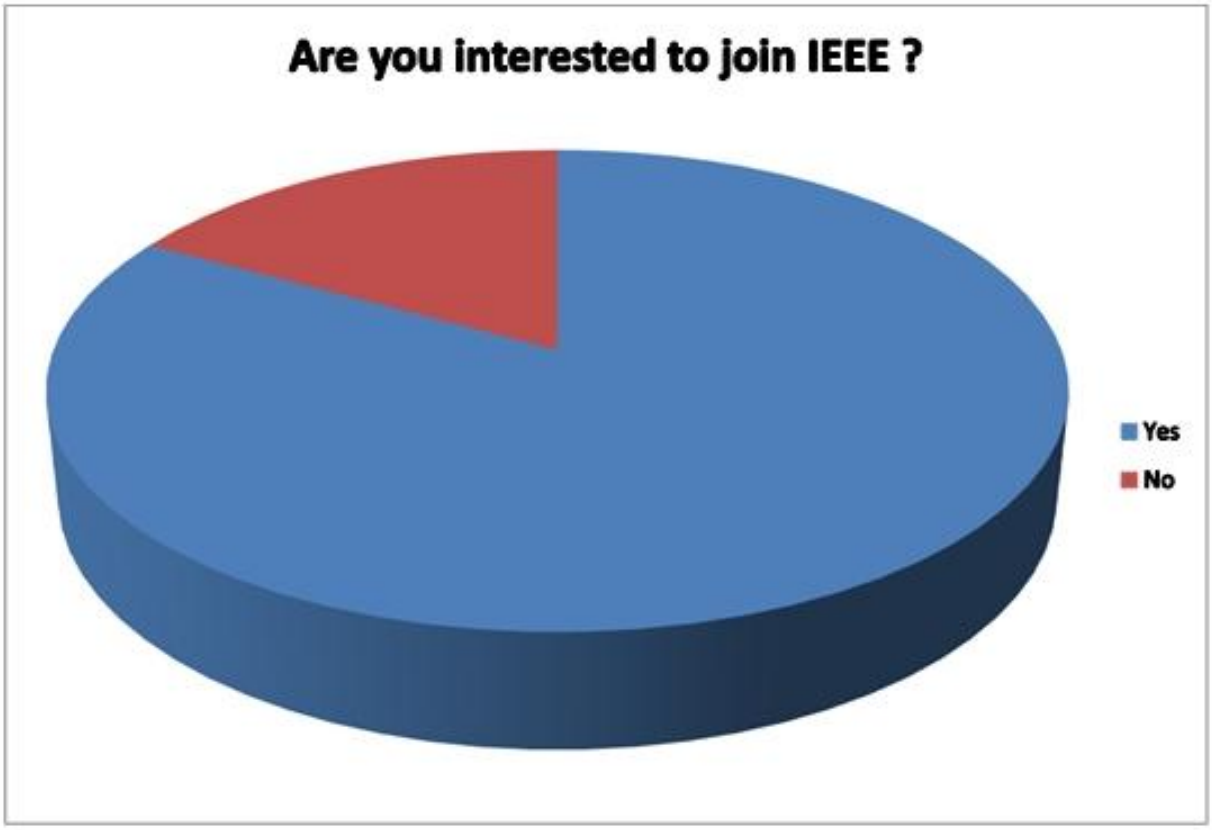
Session 2

A group discussion was held to interact with the first year students. The discussion mainly focused on IEEE and WIE.

The Membership Initiation Program completed on a good note with participants willing to join IEEE. Hence IEEE-VBIT SB looks forward in conducting such informative and productive membership development programs and encourages new members cum student branches in near future.

Feedback:


Was the session effective?
Yes
No


Are you interested to join IEEE ?
Yes
No

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SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report o n Two day workshop on Octave

The Comsoc chapter under IEEE-VBIT SB has conducted a two day workshop on octave on 14th and 15th September,2012.

Event details

Dates: 14th and 15th September,20 12

Venue: VBIT campus

Timing: 10:00AM-4:00PM

Members attended: 110

Speaker of the day: Mr. Satya Pr akash Lanka, Chairman, Swetha Tech.,(On 14t h Sept,2012)

Prof. Srinivas Nookala.(0n 15th sept,2012)

Branch counselor: Dr.C.R.N.Sarma

Faculty Advisor: B. Sarveshwar Reddy

Organizers:

1. Prateek Abhyankar
2. Lokesh Kumar
3. Srinivas Reddy
4. Mohan Sameer
5. S.Vivek
6. S.Madhuri

Objectives:

1. To create awareness on Octave which is a open source software as an alternative to Matlab.
2. Introducing the basic signal processing in the early stage of engineering course.

The whole two day workshop is segmented in to two sessions

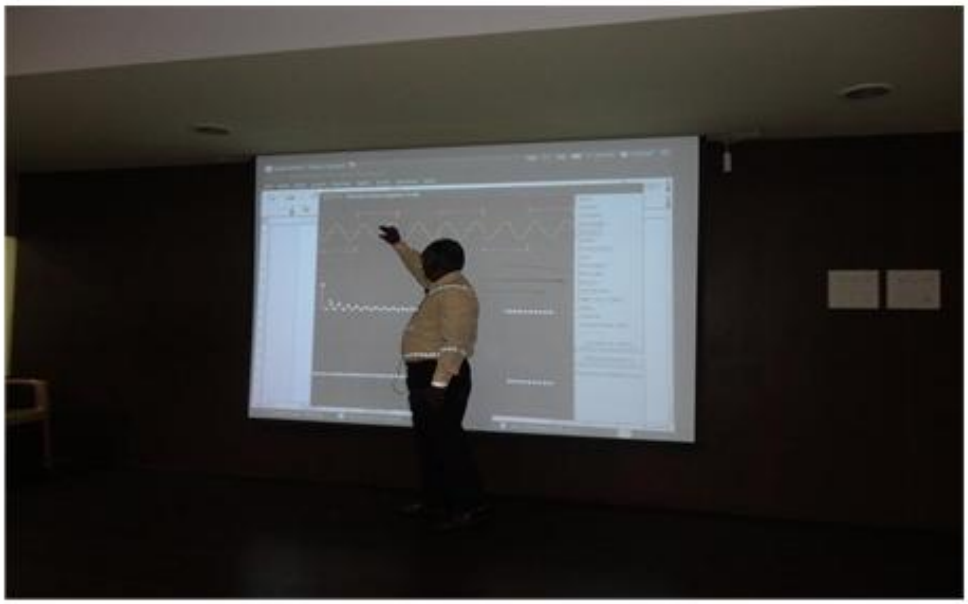
11am to 1pm : Theoritical session by the speaker of the day

2pm to 4pm : Hands-on session of the Octave software

Day 1

The day began with keynote by Prof. Appa Rao, HOD, ASTI, Ghatkesar., briefing the about the essentiality of simulation in the fields of Engineering.

In the morning session of the first day, Mr. Satya Prakash Lanka, Chairman, Swetha Tech., has give a demo on the Octave software and flexibility in using the software



Afternoon session had a hands-on of Ocatave software where different types of signal processing programs were simulated by the participants.

Day 2

The morning session was taken by Prof. Srinivas Nookala. He gave a brief talk on analysis of signals and applications of different signals in real time.

Afternoon session was again a practice session by the participants and an interactive practicing environment was created.

The workshop completed on a good note with participants willing to have some more different workshops. Hence ComSoc,IEEE-VBIT SB looks forward in conducting such informative and productive workshops in near future.

VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY
Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Event Details

Date: 1st &2nd February, 2013

Timings: 10.30 A.M. to 4.30 P.M.

Venue: Vignana Bharathi Institute of Technology

Participants attended: 135

In Collaboration with: EEE Department

In association with: PES/IAS/PELS joint chapter

Speakers Details:

1. **M.V.Ramana Rao**
   Assistant Professor, EEE Department, College of Engg.,O.U
2. **Dr.Subramanyam.P.S**
   SMIEEE
   Professor
   EEE Department, VBIT
3. **C.Venkatesh**
   Asst.Professor, SR Engg.college
4. **Dr.B.Basavaraja**
   SMIEEE
   Vice- Principal & HOD EEE Department
   GITAM University Hyderabad Campus.
5. **Rajagopalan. T.R**
   DGM NTPC Ltd.,Southern Region HQ, Secunderabad
6. **Ramakrishna .K.V**
   Div.Engineer/Hotlines
   APTRANSCO
7. **Sampangi Apparao**
   Asst.Div. Engineer, APTRANSCO

Branch Counselor:

Dr. C. R. N. Sarma

Branch Advisor:

B. Sarveshwar Reddy

PES, IEEE-VBIT SB Execom :

A.Vishal- Chairperson

Navin Naidu- Vice-Chairman

Akash- Secretary/ Treasurer

Objectives:

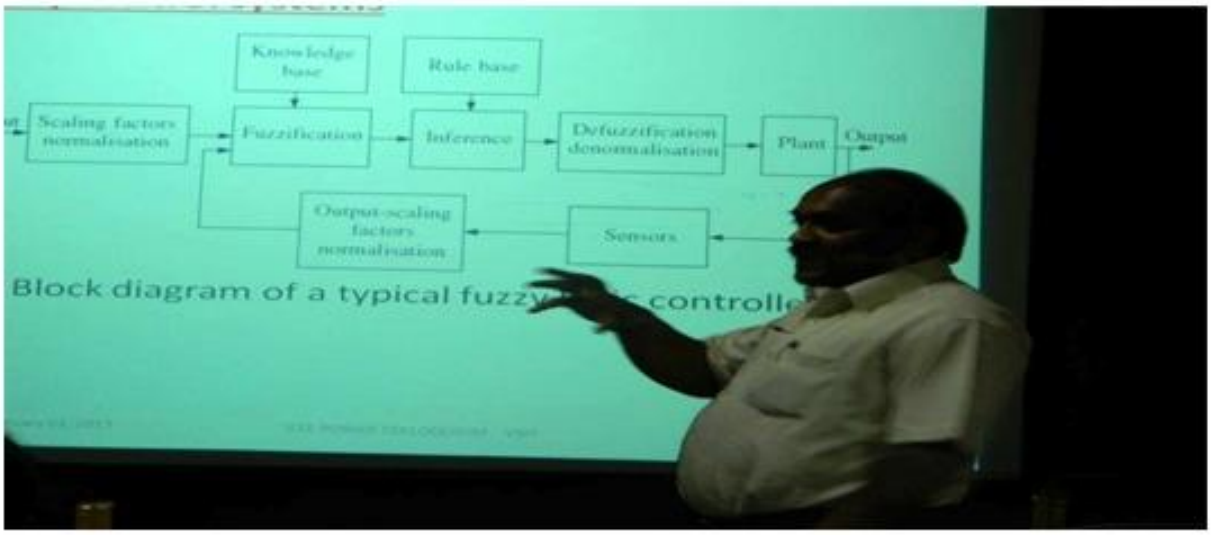
Technical empowerment being the prime motto,PES IEEE -VBIT SB has conducted power colloquium - series of guest lecture for two days in collaboration with PES/IAS/PELS joint chapter and EEE Department.

Day 1:

The day began with inauguration function followed by keynote by Dr.Padmavathi, H.O.D., EEE Department briefing about power colloquium.Total Seven guest lecture were conducted, 4 lectures on Day1 and 3 lectures on Day 2.

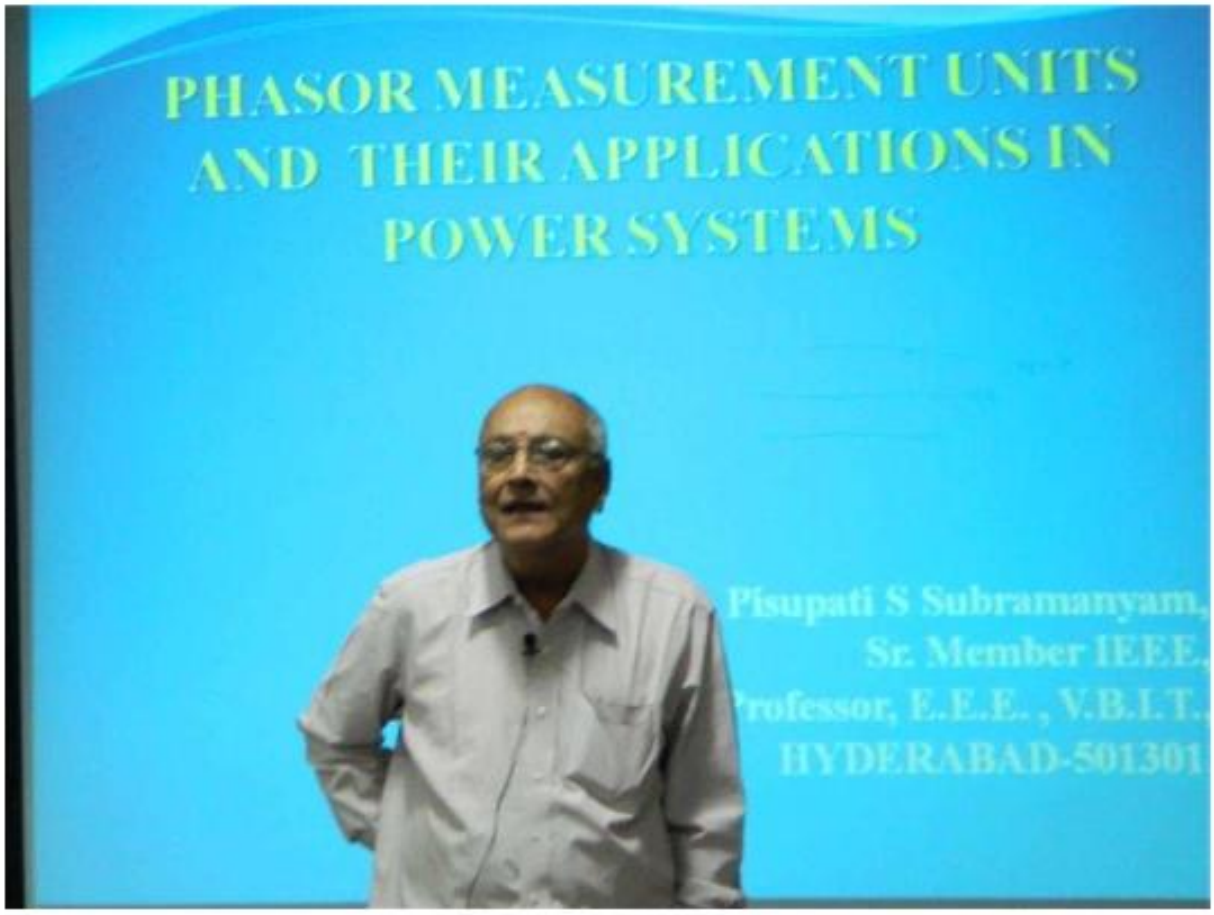
Session 1:

The first session conducted is on "Artificial Intelligence" by Mr.M.V.RamanaRao ,Asst.Professor,EEE department ,O.U. The session was about applications of Artificial Intelligence in the area of Electrical Engineering and about fuzzy control systems. Instructions on how to implement fuzzy control systems using Matlab and simulation were given by the speaker.



SESSION 2:

The second guest lecture was delivered by Dr.P.S.Subramanyam, Professor,EEE Department,VBIT on Phasor Measurement units and its applications.



Even though the topic "Phasor Measurement Units" was new to all the students clear explanation by the speaker about complete description about the topic with suitable and apt comparisons made everyone interested about the topic.

SESSION 3:

The third session was on "Softwares used in Electrical Engineering" by Mr.C.Venkatesh, Professor, SR Engineering College. The session was very interesting and many softwares such as Circuit magic,Lab view,Siblog System, EMTP ,PSCAD were explained by the speaker with live examples of programming.

SESSION 4:

"Role of Power Electronics in Power Engineering" is the guest lecture delivered by Dr.B.Basavaraja, SMIEEEVice- Principal & HOD EEE Department, GITAM University Hyderabad Campus.The session was very interactive and dealt with functions of power electronics in utility applications.

DAY 2: SESSION 5:

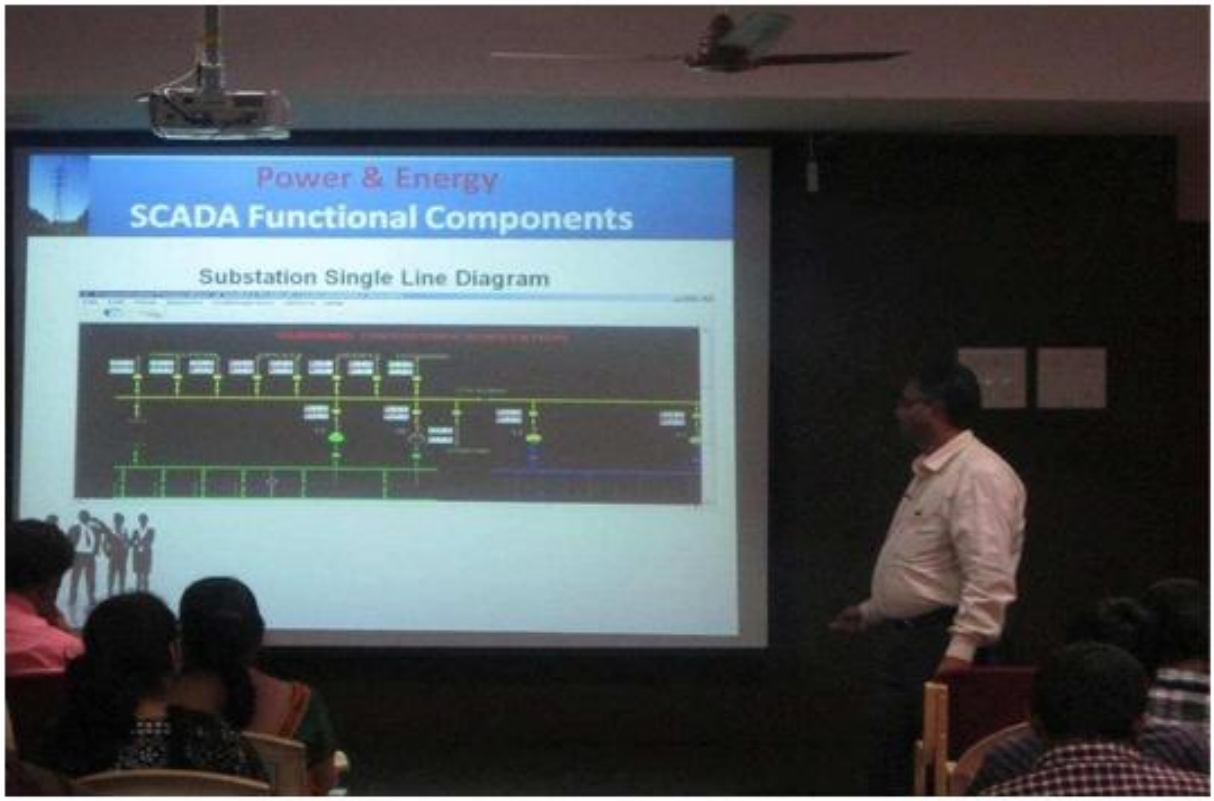
The first lecture on Day 2 was on "Energy conservation" by T.R.Rajagopalan, DGM NTPC Ltd.,Southern Region HQ, Secunderabad. The seminar was about global scenario of energy production and consumption and even many facts related to energy conservation were explained. Many research opportunities regarding various fields such as solar thermal plants and offshore wind farms have been explained by the speaker.

SESSION 6:

The second session of Day 2 was "Hot line maintenance" by Mr.K.V.Ramakrishna, Div.Engineer/Hotlines APTRANSCO. The session was very interesting and informative. The speaker explained abt hot line maintenance techniques, its importance and different methods for hot line maintenance with the help of interesting pictures and videos.

SESSION 7:

The last session of the colloquium was "Role of IT in Electrical Engineering" by Mr.Sampangi Apparao, Asst.Div. Engineer, APTRANSCO.The session was regarding importance,opportunities for Electrical Engineers in IT domain and how an Electrical Engineer build up their career in Electrical Engineering using IT applications.



Power Colloquium completed on a good note with participants, faculty and speakers appreciating the dedication and hard work of the IEEE-VBIT SB PES team.

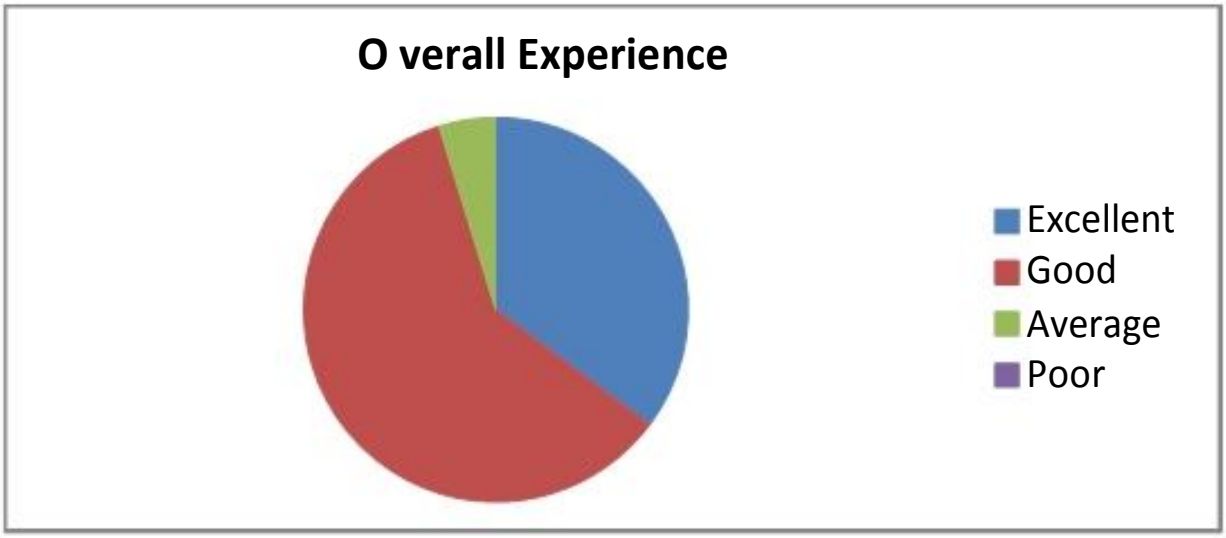
Participant giving feedback and sharing her experience

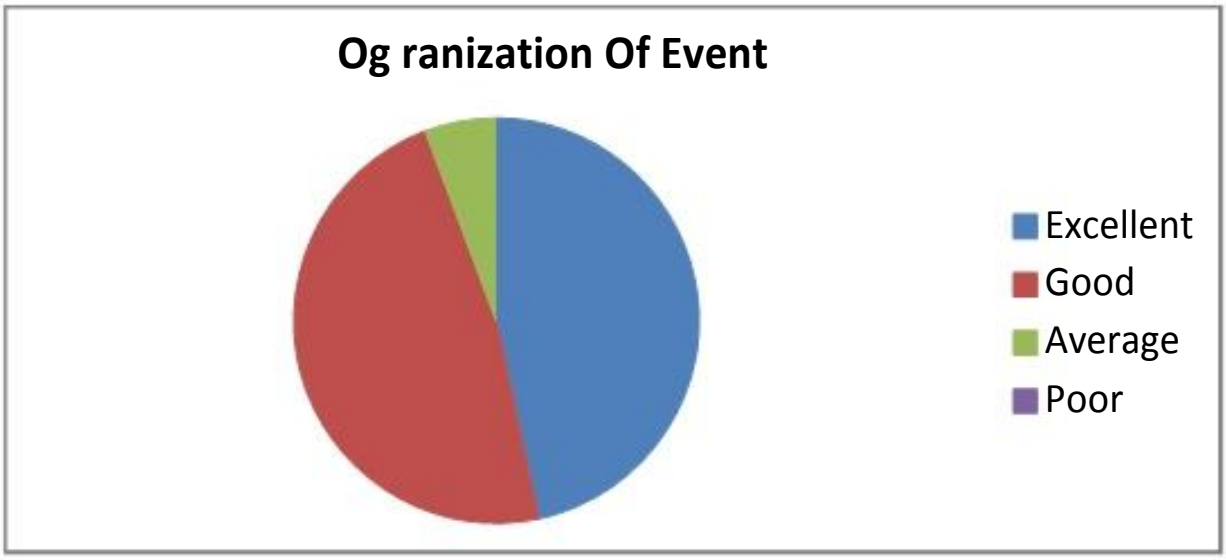
Speaker sharing his experience and appreciating the participants and the organizing team

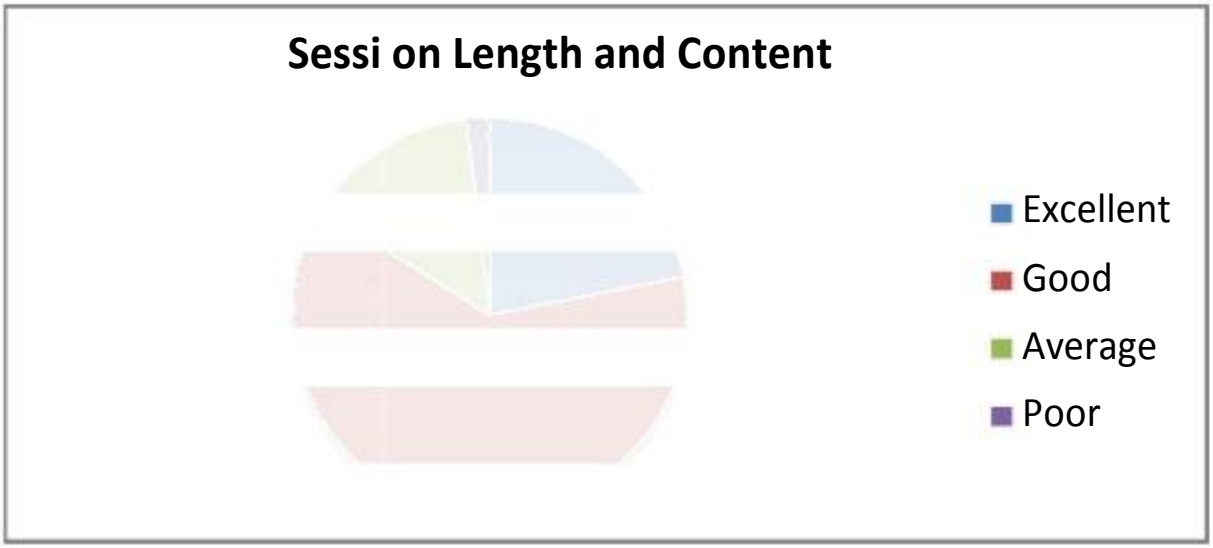
Faculties of EEE Department attending the sessions attentively

Participants attending the lectures

FEEDBACK:


O verall Experience
Excellent
Good
Average
Poor


Og ranization Of Event
Excellent
Good
Average
Poor


Sessi on Length and Content
Excellent
Good
Average
Poor

Presenters

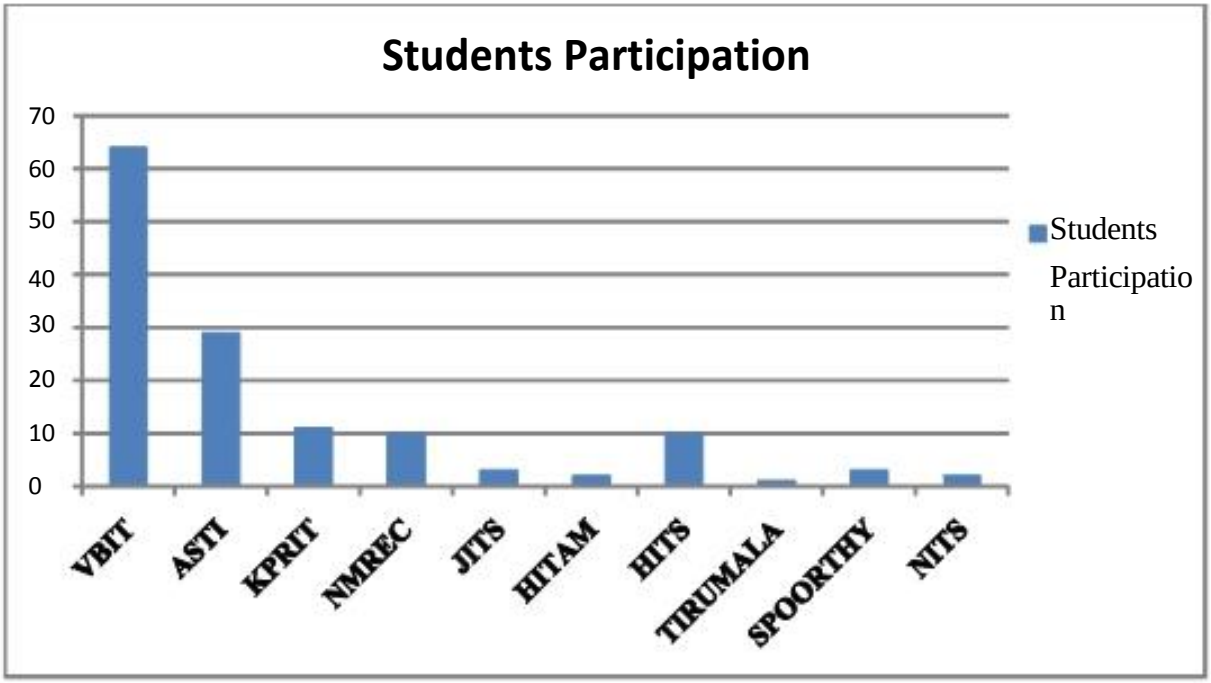
Excellent
Good
Average
Poor

Facilities and Venue

Excellent
Good
Average
Poor

Food

Excellent
Good
Average
Poor



Power colloquium completed with appreciation from all the faculty members and participants with everyone looking forward to have more such interesting events.

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

IEEE RE-INIATION PROGRAM

IEEE-VBIT SB has taken a step forward by conducting the Re-iniation awareness program for the students of 2nd B.Tech. It was a day event the second years. The students were briefed on the benefits of becoming an IEEE and its Society member and the activities that are conducted under it, the encouragement and opportunities provided by IEEE were also been explained.

Event Details:

Dates: 12th July 2012

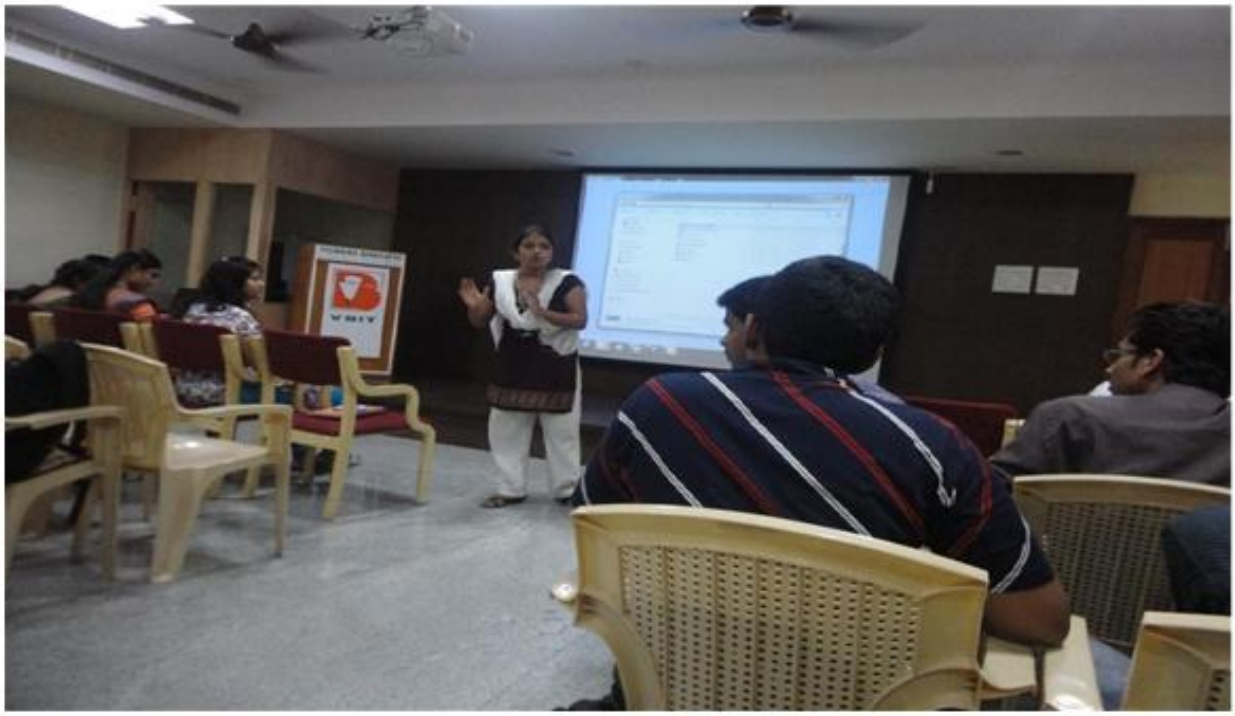
Sessions Conducted: 06

Venue: placement hall, VBIT.

No. of Students participated: 80

Timings: 3:30 P.M. to 04:20 P.M.

The event is started by A. R.Deepak(Membership Development committee chair) mentioned about information regarding membership detail of IEEE was and then continued by Sikta(Chair Person) mentioning about the importance of IEEE as an entity and opportunities which a student must look forward in IEEE.



The session was continued by Chaitanya Kumar who has enlighten us with an informative talk about IEEE activities going on around the world and how to take best out of IEEE membership.

The session was continued by Shubhangee Ojha, where she mentioned about the importance of WIE society in women empowerment and its benefits.

The session was followed by the execom members of their respective societies mentioned about the importance of the society membership and the opportunities provided to grow technically in all aspects.

The event was huge success 80 students turned up. The participants were highly elucidated and motivated by this session.

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Drupal Training Program @ VBIT

IEEE-VBIT Computer Society in collaboration with Avanthi IEEE SB and IEEE Hyderabad Section organized a two day workshop on web designing through Drupal. Students from many colleges participated in the event with more interest in learning it.

Event Details:

Dates: 27th & 28th December, 2012

Venue: Computer Center, VBIT.

No. of Students participated: 68

Timings: 10:00 A.M. to 06:00 P.M.

DAY 1: 27th December 2012

Schedule:

Time	Duration	
10:30 - 12:15	1:45	**Introduction to Drupal**
12:15 - 12:30	0:15	Break
12:30 - 14:00	1:30	**Introduction to PHP**
14:00 - 14:45	0:45	Lunch
14:45 - 16:45	02:00	**Drupal Hands on Session**
16:45 - 17:00	0:15	Break
17:00 - 18:00	1:00	**Drupal Hands on Session**

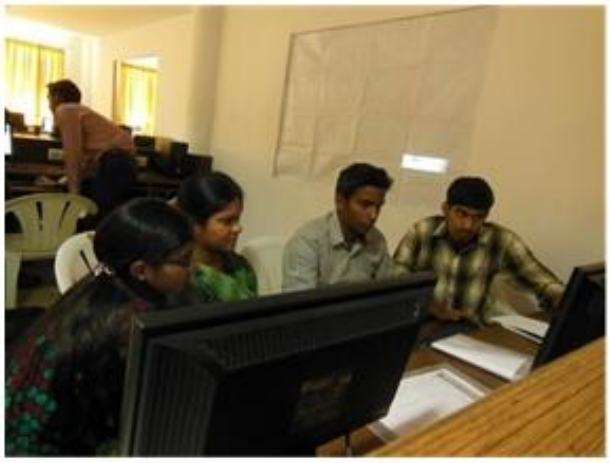
These were pictures taken during the event.

DAY 2: 28th December 2012

Schedule:

Time	Duration	
10:00 - 12:00	2:00	**Content Types & Blocks Configuration**
12:00 - 12:10	0:10	Break
12:10 - 14:00	1:50	**Taxonomy & User Roles Configuration**
14:00 - 14:45	0:45	Lunch
14:45 - 16:45	2:00	**Menus & Views Configuration**
16:45 - 17:00	0:15	Break
17:00 - 18:00	1:00	**Project Discussion**

These were pictures taken during the event.



Feedback of the participants after the training.

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IEEE computer SOCIE

Drupal Training Program

FEEDBACK FORM

Please help us to evaluate our event by completing this short questionnaire. Indicate your level of satisfaction in each category. Please answer each question honestly and to the best of your ability. We will use your feedback to determine how we can improve our future events.

	Very Satisfied	Satisfied	Unsatisfied	Very Unsatisfied
Overall experience	✓			
Organization of the event	✓			
Session Length & Content	✓			
Presenters	✓			
Materials and Handouts	✓			
Facilities or Venue	✓			
Food	✓			

What were the strengths of the event?
well Organization

Which parts were the least useful or enjoyable?

Additional Comments:

Personal Details:
Name: D. Abhiram
College/Company: Nalla malla Reddy College
IEEE Membership Member: NO
Email Id: abhiram9985@gmail.com Mob: 8790555137

Are you interested to join IEEE or IEEE affiliated societies?
Yes

What other such training programs would you like to attend?
Anything like hacking events

VIGNANA BHARATHI Institute of Technology

IEEE computer SOCIE

Drupal Training Program

FEEDBACK FORM

Please help us to evaluate our event by completing this short questionnaire. Indicate your level of satisfaction in each category. Please answer each question honestly and to the best of your ability. We will use your feedback to determine how we can improve our future events.

	Very Satisfied	Satisfied	Unsatisfied	Very Unsatisfied
Overall experience	✓			
Organization of the event	✓			
Session Length & Content	✓			
Presenters	✓			
Materials and Handouts	✓			
Facilities or Venue	✓			
Food	✓	✓		

What were the strengths of the event?
Co-ordinators, trainers and labs provided

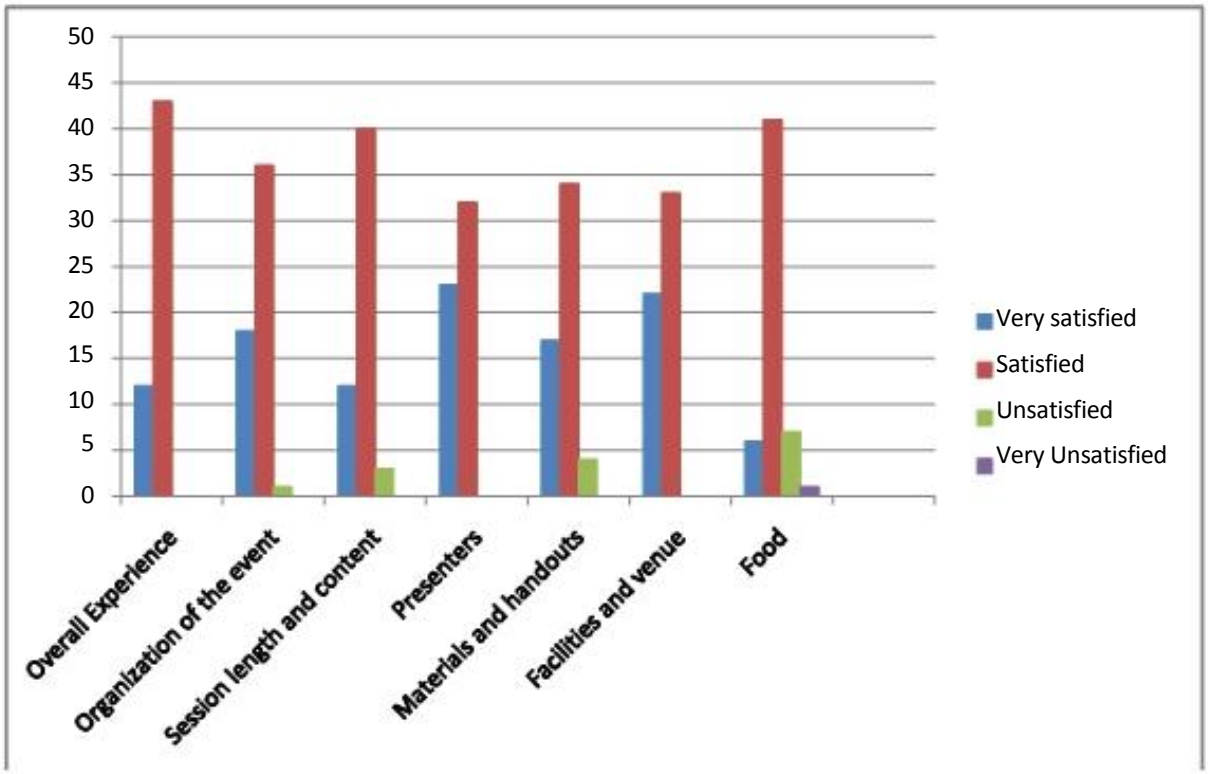
Which parts were the least useful or enjoyable?
All Except the theory part of program (first half Session)

Additional Comments:
- Five days of training which brings two Centuries of happiness of creating our own sites.

Personal Details:
Name: Sainath K
College/Company: VBIT
IEEE Membership Member: NO
Email Id: Sainathk121@gmail.com Mob: 8885445230

Are you interested to join IEEE or IEEE affiliated societies?
Yes, Of Course

What other such training programs would you like to attend?



Feedback Data

At the end of the training, the participants were divided into teams and given projects to work on for a month. The projects will be submitted to the trainers by 10th February 2013 for evaluation. After evaluation, there will be another event held at VBIT on 23rd February 2013 where the students will have to write an online MCQ test. Based on the project evaluation and the MCQ the top ten Projects will be awarded a merit certificate by IEEE Computer Society.

VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY
Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

National Programming League @ VBIT

IEEE-VBIT Computer Society in association with NIT Warangal hosted the preliminary round of National Programming League. Students from 2nd, 3rd and 4th years of all branches took part in the contest.

Event Details:

Dates: 25th August 2012

Venue: C&DS Lab, VBIT.

No. of Students participated: 40

Timings: 12:00 P.M. to 03:00 P.M.

The event is first round of NPL where the participants were given 30 MCQs to be solved in 30 min and answer them through online only. Students who clear first level will be selected for next level at Technozion'12 the technical fest at NITW.

These were pictures taken during the event.

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

TRANSIT OF VENUS

Event Details

Date: 6th June 6, 2012

Timings: 9:30AM-10:30AM

Venue: Vignana Bharathi Institute of Technology

Members attended: 46

Branch Counselor:

Dr. C. R. N. Sarma

IEEE-VBIT SB Main Excom:

Sikta Suchismita- Chairperson

Aditya Rayarapu- Vice-Chairman

Aditya Ravi Kiran- Secretary

Telescope Arrangement:

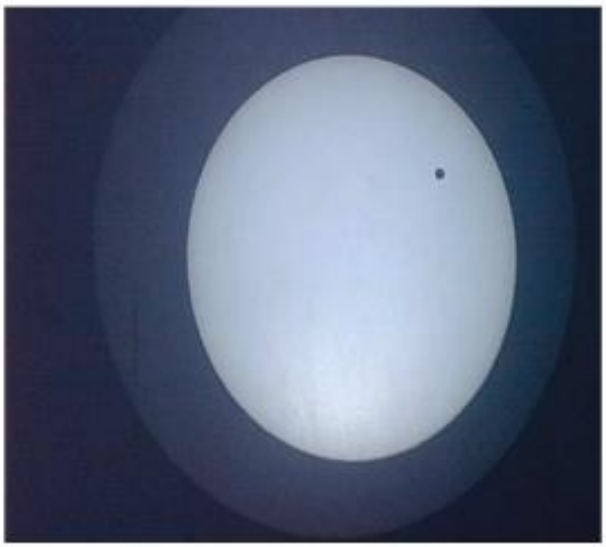
Partha Sarthi Sen & Team

Photography by: Abhinav Saxena

On the account of transit of Venus, IEEE-VBIT SB had organized an astronomical event of observing the transit in the college campus by making a telescope arrangement with filters. On June 6, a rare celestial event called a transit of Venus took place, and it won't be repeated in anyone's lifetime. The event of Venus passing in front of the Sun is called the transit. This is equivalent to an eclipse with the Moon replaced by the planet Venus. During this transit, Venus has passed directly in front of the sun from Earth's perspective, appearing as a small, slowly moving black dot.

ASTRONOMICAL EVENT AT VBIT

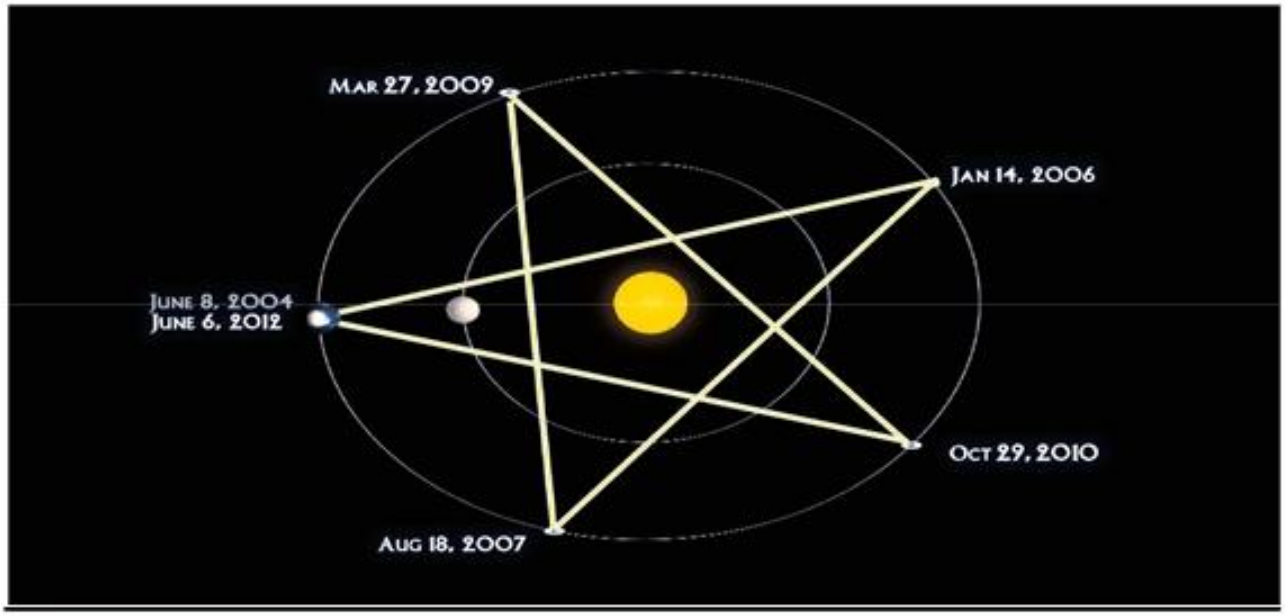
The transit events are very rare. In the eternal motion around the Sun, planet Venus overtakes the Earth once every twenty two months. However at that time it need not be aligned with the Sun. As seen from the Earth, it may be above or below the Sun. The orbital planes of Venus and Earth are different. Hence the two planets will be in line with the Sun only when Venus is exactly on specified points which can be either in June or in December. The June events can recur in an interval of 243 years; so can the December events. Moreover, they occur in pairs separated by eight years. They occur in pairs separated by either 105.5 years or 122.5 years depending on the nodes (southern or northern). Thus the sequence is 1631 & 1639, 1761 & 1769, 1874 &1882, 2004 & 2012.



Transit during 2004

Transit during 2012 recorded at VBIT Campus

Pentacle



The above figure shows that after 2004 there are five synodic cycles within 8 years bringing back Venus and Earth to the line of nodes in 2012. The figure formed by joining these conjunctions is called a pentacle.

So to observe this rare transit we IEEE-VBIT SB made a telescope arrangement at our campus. As the Venus was casting its shadow on the Sun, it was considered as a partial solar eclipse. This partial eclipse was covering 0.1% of Sun's area.

Eclipse shouldn't be viewed with naked eyes as they cause retinal damage. For safe viewing filters are required. Filters usually have a thin layer of aluminum, chromium or silver deposited on their surfaces that attenuates ultraviolet, visible, and infrared energy. Some filters available are 14 welder's glass, aluminized mylar, completely exposed and fully developed black-and-white film with silver emulsion, medical x-ray films with images on them, smoked glass, photographic neutral density filters and polarizing filters. So the student branch members had made arrangement for filters too.

Images taken during the Transit at VBIT Campus

Dr. Jayant Kulkarni, Vice-Principal, VBIT observing the transit

Faculty Members having a sneak peek of transit

ASTRONOMICAL EVENT AT VBIT

Students keenly witnessing the rare celestial event

We, student members of IEEE-VBIT SB look forward at organizing such events in the future.

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report on Weekly Activity

Event Details

Date: 13th August, 2012

Timings: 3:30PM- 4:20PM

Venue: Vignana Bharathi Institute of Technology

Members attended: 22

Branch Counselor: Dr. C. R. N. Sarma

Organizers:

Shubhangee Ojha
Mounica
Lakshita

The main agenda to put aptitude test as weekly activity was to help 2nd years and 3rd years to let them know how they are well skilled in their aptitude and further improve it. The feedback from the students was so good that they asked us to put such kind of events again and again. The event was conducted so efficiently and it not only contained about the mathematics but also about the verbal and non verbal vocabulary.

The above pictures are taken when the students were writing the test.

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

CODEX

IEEE-VBIT Computer Society Chapter organized CODEX, an inter college coding contest. The contest was conducted in two rounds, the first round being an online round held for 5 days from 30th September to 4th October and a final onsite round on 6th October for the best 6 programmers.

Event Details:

Dates:

Online Round: 30th September 2012 to 4th October 2012.

Final Round: 6th October 2012

Website: www.vbitcscodex.blogspot.in

Final Round Venue: Computer Lab, VBIT.

No. of Participants:

Online Round: 23

Final Round: 6

Final Round Timings: 2:00pm to 3:30pm

Branch Counselor:

Dr. C. R. N. Sarma

Branch Advisor:

Mr. B. Sarveshwar Reddy

Faculty Coordinator: IEEE Computer Society Chapter

Mr. K. Sreekanth

Execom Included: IEEE Computer Society Chapter

Sri Rangarajan- Chairperson

Karishma Rao- Vice-Chairman

T. Rohith- Secretary/Treasurer

The event begun online on 30th October 2012 with the first question posted on the website at 9:00am. The online round was held for 5 continuous days with total of 10 questions posted at regular intervals on the website. The participants were to solve the programs using any programming language they were comfortable with and mail the codes to the CODEX email.

The entries were evaluated regularly and the students were given the feedback of their code. After the 5th day the final evaluation was made and based on the number of programs correctly solved and the efficiency of the code, 6 best coders were selected for the final round.

The best 6 programmers selected for the final round.

D.Pooja	II CSE.	Chaitanya Bharathi Institute of Technology
Natasha Mandal	II CSE.	NIT Warangal
Prashanth Akundi	III CSE	Vignana Bharathi Institute of Technology
Ravi Teja	III CSE	Auroras Technological and Research Institute
Rohit Padma	IV CSE	Vignana Bharathi Institute of Technology
Sharvani Deshpande	III IT	Auroras Scientific Technological Research Academy

Report of CODEX

The final round was held on 6th October for these selected participants where they were given 3 questions to solve in 1 hour. After an hour of competition the programs were evaluated by the judge Mr. N. Vamshi Krishna, Ass. Prof. Dept. of CSE, VBIT and finally the best two programmers were recognized.

WINNERS OF CODEX

Prize	Name	Year	College	Award
I	Ravi Teja	III CSE	Auroras Technological and Research Institute	Rs 750
II	Rohit Padma	IV CSE	Vignana Bharathi Institute of Technology	Rs 500

These pictures were taken during the final round.

VIGNANA BHARATHI Institute of Technology

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Tech Talk on HTML 5

IEEE-VBIT Computer Society Chapter organized a tech talk on HTML 5 - its Features and Future. Students from 2nd, 3rd and 4th years of all branches took part in the contest. The speaker for the event Mr. Neil Ghosh, the Chairman of IEEE GOLD Affinity Group of IEEE Hyderabad Section and presently working as project leader in Oracle Applications ERP Development team.

Event Details:

Dates: 22nd September 2012

Venue: Training & Placement Hall, VBIT.

No. of Students participated: 52

Timings: 10:30 am to 01:30 pm

Branch Counselor:

Dr. C. R. N. Sarma

Branch Advisor:

Mr. B. Sarveshwar Reddy

Faculty Coordinator: IEEE Computer Society Chapter

Mr. K. Sreekanth

Execom Included: IEEE Computer Society Chapter

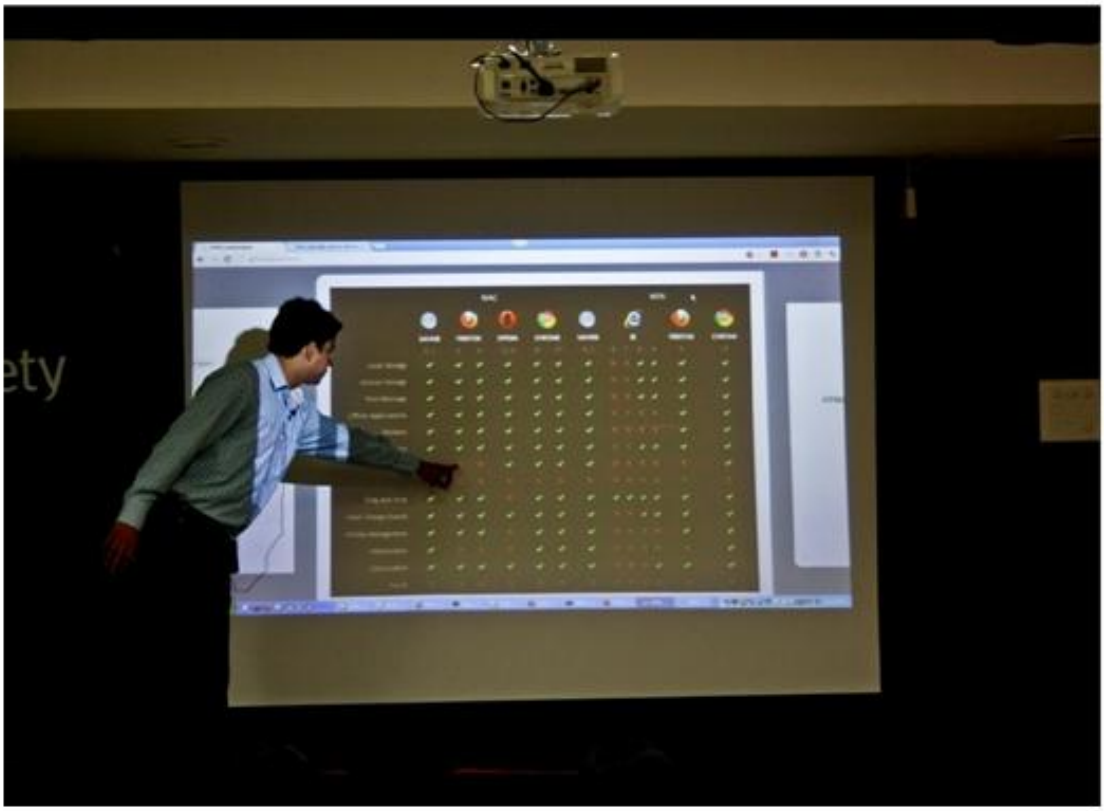
Sri Rangarajan- Chairperson

Karishma- Vice-Chairman

T. Rohith- Secretary

Report - Tech talk on HTML 5

The speaker Mr. Neil Ghosh spoke on the features of HTML 5 showing examples of the codes and its outputs. The session was quite interactive and interesting. These pictures were taken during the talk.



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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report on st udent based workshop on Robotics

The Comsoc chapter under IEEE-VBIT SB has conducted a student based workshop on robotics as its first weekly activity

Event details

Date: 04th August,2012

Venue: VBIT campus

Timing: 2:00PM-4:00PM

Venue: 42

Speaker of the day: Mr.Nagender reddy

Branch counselor: Dr.C.R.N.Sarma

Faculty Advisor: B. Sarveshwar Reddy

Organizers:

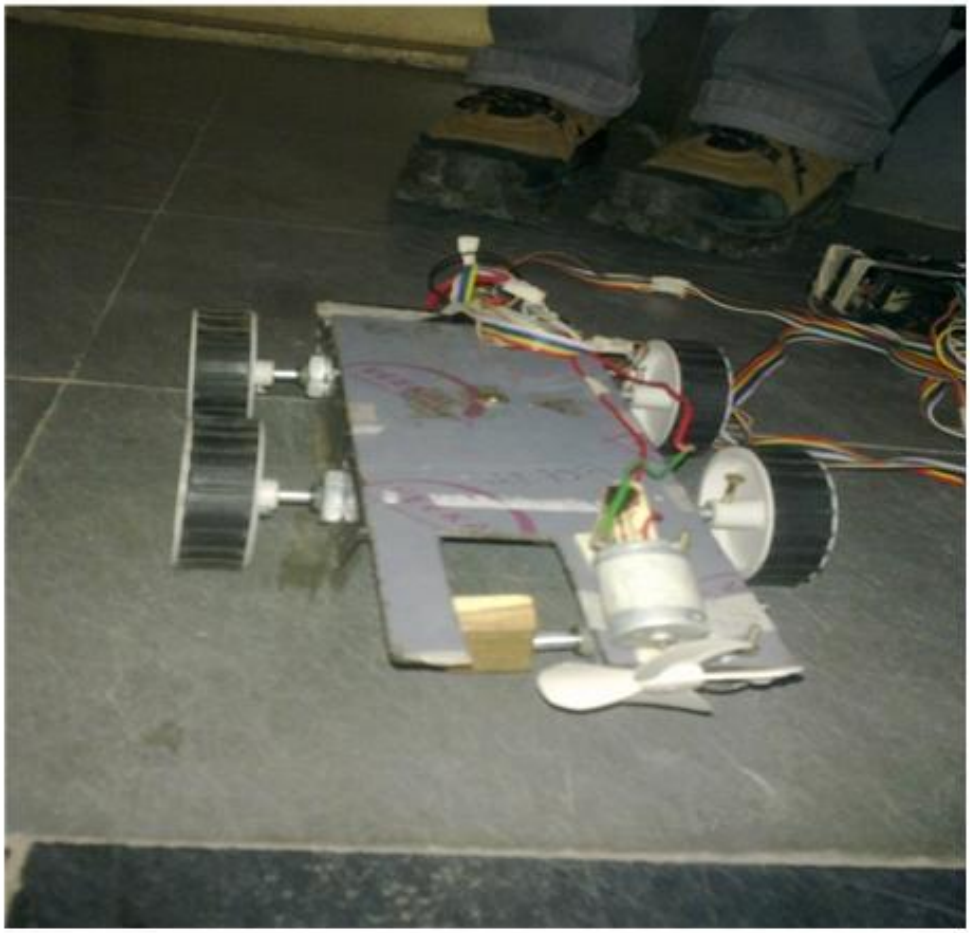
1. Prateek Abhyankar
2. Lokesh Kumar
3. Lakashita Gulati
4. Mohan Sameer

Objectives

1. To continue the zeal created by the Embedded systems workshop on 20th July, 2012
2. Inculcating an awareness on robotics and encouraging new innovations in the field of ROBOTICS

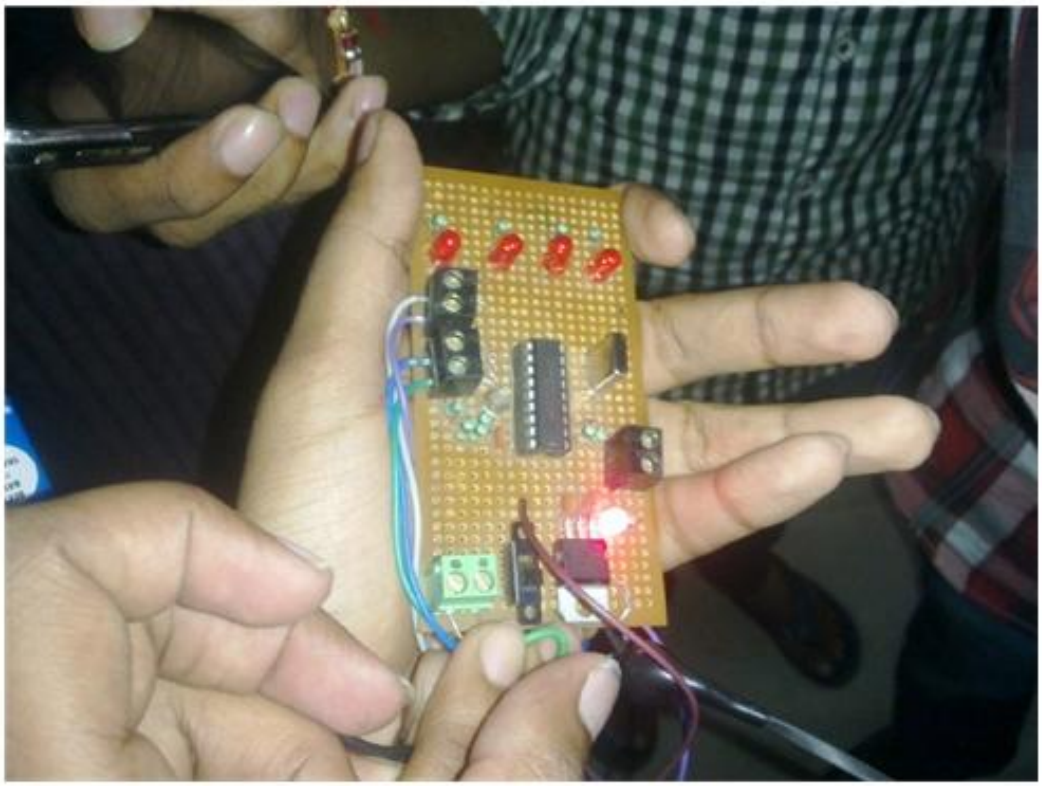
The session was started and hosted by Prateek Abhyankar at 2PM which was then followed by Nagender Reddy,Technical head for Robotics club under SNIST.

Hovercraft



All terrine robot, moves on all land conditions.

Solar light sensing robot



Dual tone multi frequency (DTMF) based robot

The workshop completed on a good note with participants willing to have some more different workshops. Hence IEEE-VBIT SB looks forward in conducting such informative and productive workshops in near future.

VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY
Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report on STAR Program- Session 1

Event Details

Date: 22nd September, 2012

Timings: 3:30PM- 4:20PM

Venue: Jameelapet Govt. High School

Branch Counselor: Dr. C. R. N. Sarma

Organizers:

Shubhangee Ojha
Mounika.M
Lakshita

Volunteers:

Mounika.M
Yamini.S

The first STAR Program was conducted during the year 2011-2012. The second STAR Program commenced on 22nd September, 2012 in collaboration with WIE AG, IEEE-Hyderabad Section. The second STAR Program has been started in the same school: Jameelapet Government High School.

The main agenda is to mentor the students to choose their career opportunities and to teach them the basic concepts of electricity and also about the electrical and electronic equipments.

STAR Program- Session 1

The first session was regarding the explanation of importance of electricity, its generation, about construction and working of electrical and electronic equipments. The session was rather interesting and the students took an active participation in listening as well as answering the questions.

(The above picture shows the active response of a student when a question was posed.)

STAR Program- Session 1

The second session was regarding teaching the students a perfect career planning. What he/she has to do after stepping out of the school, what steps are to be taken in order to have the best career?

In this session students were taught about communication skills and they were explained how to communicate effectively. The students were motivated to think about their future plans.

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

Report on STAR Program Session II

Event Details

Date: 11th February, 2013

Timings: 1:30 P.M - 3:30 P.M

Venue: Jameelapet Govt. High School

Branch Counselor: Dr. C. R. N. Sarma

Organizers:

Shubhangee Ojha
M.Mounica
Lakshita Gulati
S.Yamini

The main agenda of the STAR program conducted in Jameelapet Govt. High School is to teach the students the principles of Water Rocketry , Construction and uses of Wind mill and Wind energy.

STAR PROGRAM

The first session was regarding the Basic Principle behind the working of a rocket. The students were taught

1. How a rocket works?
2. What exactly is Newton's 3rd Law and how is it applicable to the working of a rocket?
3. What is Water Rocketry?

The second session was regarding the usage and generation of Wind energy through Wind Mill.

The picture shows the active participation of students when they were posed a question.

The members were glad to see the enthusiasm in the students to learn more technically which would fetch them an ultimate learning.

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Report on "TEENOVISION'12"

Event Details

Date: 15th September, 2012 (ENGINEER'S DAY)

Timings: 2:30PM- 4:20PM

Venue: Vignana Bharathi Institute of Technology **No.**

of participants: 30

Branch Counselor:

Dr. C. R. N. Sarma

Faculty Advisor:

B. Sarveshwar Reddy

PES EXECOM:

Chair person - Vishal Goud

Vice chair - P. Navin Naidu

Secretary - Akash Singh

Treasurer - Gnanendra

EVENT ORGANIZED IN THE MEMORY OF:

Engineering fraternity of India celebrates "Engineer's Day" every year on 15th of September in remembrance of Sir Mokshagundam Visvesvaraya, the most outstanding Engineer of all times. He is internationally recognized for his genius in harnessing water resources; he was responsible for successful design and construction of several river dams, bridges and implementing irrigation and drinking water schemes all over India. Owing to his contribution he was honored with the highest state award of India, "The Bharat Ratna", in the year 1995.

To relive the essence of this day and to relive his contributions and achievements PES IEEE-VBIT SB has come out with a plan to celebrate this day in a technical way. The event name is **"TEENOVISION'12".**

EVENT DESCRIPTION:

TEENOVISION'12:

Theme of the event: "Inventing from Scrap"

Goal: To bring out the hidden engineers in the participants, enhance their thinking capabilities and kindle a spark of invention in every student.

Each team is provided with some scrap materials and they have to make some innovative, creative prototype or a basic working model out of them within specified time. The Each scrap cluster contains some materials and the participants have to reuse them to make a prototype of a new material.

Participants with their scrap materials

Participants working on their prototypes using scrap

Participants with their prototypes

Participants explaining about their prototypes to the panel

Branch counselor awarding cash prize to the winner

Winners of the event **TEENOVISION'12** are as follows

NAME	**YEAR/BRANCH**	**PRIZE SECURED**
V.HEMANTH	3rd EEE	1st PRIZE
NARESH	4th EEE	2nd PRIZE
G.HEMANTH	3rd MEC	3rd PRIZE

VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY
Aushapur (V), Ghatkesar (M), R.R. Dist-501 301

SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451

WEEKLY ACTIVITY BY PES, IEEE VBIT-SB

Technical Group Discussion under PES-IEEE VBIT SB:

Power & Energy Society under IEEE VBIT-SB has conducted its first weekly activity of the academic year 2012-13, a technical group discussion to make the students aware of the current affairs in the Power/Energy sector. After the recent black out in the North-eastern states of India the organizing team decided "GRID COLLAPSE" to be the best topic for the discussion.

Event details are as follows:

Date:	16th August, 2012
Venue:	VBIT Campus
Timings:	1330 to 1630 hrs
No. of Participants:	19

Event Details:

The program started with a brief talk on how the technical group discussions helps the participants in knowing the current situations trending in the various fields around the world followed by explaining the participants the rules of group discussion and also about the topic for the discussion.

Active participation by students during the discussion:

All the participants were given ample time (around 10 min) to get ready with their thoughts for the discussion. The no. of participants turned out for the discussion was:

4 participants from II EEE
9 participants from III EEE
6 participants from IV EEE

(Discussion among the participants)

(A participant present ing the facts to co participants by showin g a cut out from the news paper during the discussion)

(Participant expressing their ideas and views)

(An active participant concluding the session)

(A click of the participants)

We are looking forward for a better participation and good response in tech nical aspects under PES IEEE VBIT-SB.

PES Faculty coordinator:
1. B.Sarveshwar Reddy

Team Head:
1. A.Vishal

Organizers:
1. P.Navin.
2. Akash singh.