



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

**SCHOOL CODE : 45893584    STUDENT BRANCH CODE: 65451**

## **REPORT ON AVISHKAR 2K16, INTRA ROUND**

AVISHKAR is a unique technical paper presentation competition organized by the student branch of IEEE-VBIT and is held exclusively for the B.Tech first year students. VBIT is the only college in the Asia-Pacific region, under IEEE, to host this event. From the past 8 years, it has been successful in providing opportunity to the students to showcase their talents. It has won the 'Darrel chong student activity award' in the year 2011 for performing the event consistently for 5 years in a row, which eventually brought our college international recognition. This provides a platform to prove one's talent and it rectifies drawbacks in oneself. AVISHKAR, hence focuses on offering the first year students, 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, communication and managerial skills. This uniqueness of Avishkar fetched many laurels to VBIT.

### **EVENT DETAILS:**

- Dates : 25<sup>th</sup> and 26<sup>th</sup> January, 2016
- Venue : Vignana Bharathi Institute of Technology
- Number of rounds : 02
- Number of papers presented : 154
- Number of streams : 06

The AVISHKAR-2K16 team was formed on 1<sup>st</sup> January, 2016 comprising of 16 members.

## **AVISHKAR 2K16 ORGANIZING TEAM:**

- *Marketing* : Anubhav, Sree Nidhi, Uthkarsh, Varshith.
- *Social Media Promotion* : Tejasvi.
- *Documentation* : Sudeepti, Vaishnavi, Shravya.
- *Poster Designing* : Rashmi, Vamshi.
- *Hospitality* : Madhuri Nisha, Dakshayani, Sai Kumar.
- *Treasurer* : Poorna Chandar, Tejaswini.
- *Web Designing* : Sandeep.

## **FACULTY COORDINATOR:**

Mrs. T. Swaroopa Rani

## **BRANCH COUNSELLOR:**

Mr. M. Venkateswara Rao

## **OVERVIEW:**

- AVISHKAR was introduced to the first year students on 8<sup>th</sup> January, 2016 via announcements in class rooms.
- The team received an overwhelming response from the first year students who exhibited their zeal and enthusiasm to take part in the competition, while campaigning about the event.
- A good number of registrations were received.
- The team guided the participants on how to make an abstract and regarding the process of making a power point presentation.
- The team also conducted offline registrations and spot registrations on 22<sup>nd</sup> January, 2016 and got a very good response.
- The deadlines for the submission of abstracts and Power Point presentations were 18<sup>th</sup> and 21<sup>st</sup> January, 2016 respectively.

## **DAY 1: (25<sup>th</sup> January, 2016)**

- 154 presentations were presented on the first day of the event.
- The presentations were divided into six categories based on their topics and were allotted with 6 different rooms

<b>S. No.</b>	<b>Category</b>	<b>Number of papers presented</b>	<b>Room</b>
1.	Power and Energy, Machine Engineering	25	Chethana Auditorium
2	Miscellaneous, Infrastructure	27	T & P Seminar Hall
3.	Cybernetics	25	Sumedha
4.	Cybernetics	23	Sadhana
5.	Cybernetics	28	Mechanical Hall
6.	Electronics	26	Board room

## **SCHEDULE:**

<b>TIME:</b>	<b>SESSION:</b>
10:00 am - 11:00 am	Inauguration ceremony
11:00 am - 11:15 am	Category wise segregation
11:30 am - 01:00 pm	1 <sup>st</sup> session of presentations
01:00 pm - 01:30 pm	Lunch
01:30 pm - 04:00 pm	2 <sup>nd</sup> session of presentations

## **DAY 2: (26<sup>th</sup> January, 2016)**

- The top 10 presentations were shortlisted for the final round.
- The papers of the shortlisted finalists were presented at Chethana Auditorium to the judges on 26<sup>th</sup> January, 2016.
- Five best presentations were selected and prizes were distributed amongst them respectively.

## **SCHEDULE:**

<b>TIME:</b>	<b>SESSION:</b>
10:30 am - 10:45 am	Inauguration
10:45 am - 11:00 am	Speech by chief guest, Dr.Atul Negi sir
11:00 am - 12:30 pm	Presentations
12:30 pm - 12:45 pm	Felicitation of Mrs.Ch.Suneetha ma'am
12:45 pm - 01:00 pm	Declaration of awards and vote of thanks



## **GUEST OF HONOR:**

It was our honor to have the presence of Dr. Atul Negi sir, who is a Professor at School of Computer and Information Science at AI Lab in the University of Hyderabad.

He was previously the Director at Prestige Institute of Engineering and Science at Indore, India. Dr. Negi took his Doctorate from the University of Hyderabad and he is a graduate with distinction in Electronics and Communication Engineering from the Osmania University, Hyderabad.

Dr. Negi was the Chairman of IEEE Hyderabad Section (2012-13) and is a Senior Member of IEEE. He is currently the Chairperson of IEEE Computational Intelligence Society Chapter at Hyderabad Section. He has served IEEE Hyderabad Section for the past 15 years. He was the Co-Founder, Member and Moderator of Linux User group of Hyderabad and a Life Member of Indian Unit of International Association for Pattern Recognition. He received the "Inspiring Teacher, 2010" award from Teachers Academy, Hyderabad and was invited to deliver the KK Nair Memorial Lecture at IETE in June 2012.

He has not only sparked the event with his presence, but also acted as an active judge in the second i.e., the final round of AVISHKAR. He raised typical but logical queries to the competitors and gave participants a chance to examine their topics deeply. He also gave us an insight on most of the topics. IEEE - VBIT SB takes immense pleasure to thank him for the great role he played in taking part as an active judge.

## **JUDGES:**

- Dr. Devendranath
- Dr. Atul Negi
- Mr. Pruthvi Raj
- Dr. D. S. Rao

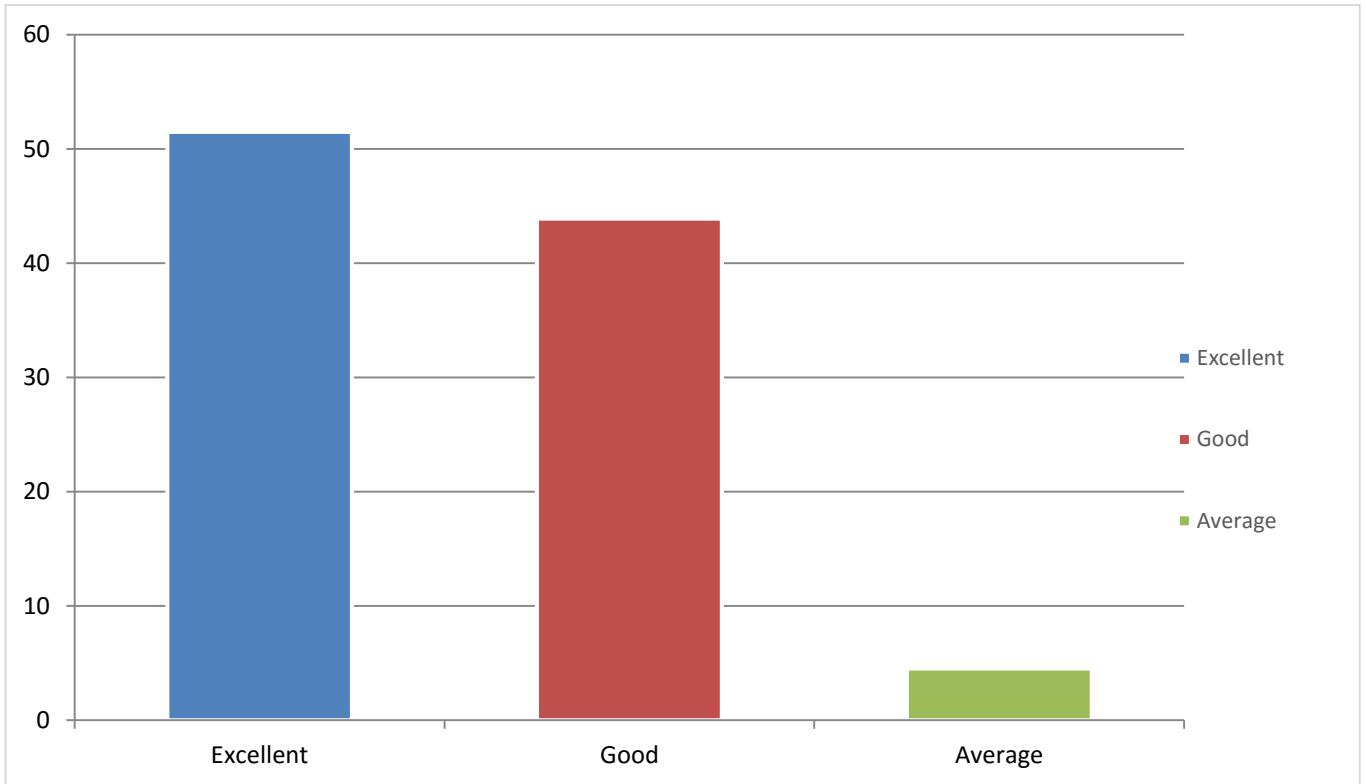
## AVISHKAR 2K16

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The winners of the Intra round of Avishkar 2K16 are as follows:

Prize	Winner	Branch & Section	Topic
First Prize	S.R.Tarun	CSE-D	Sixth Sense Technology
Second Prize	T.Mounika and N.Manasa	ECE-C	Bio-Absorbent
Third Prize	Akshata	CSE-C	Quantum Computing
Fourth Prize	R.Sai Meghana and K.Sharmila	ECE-C	Paper Battery and its advantages
Fifth Prize	P.Lakshmi Lavanya and T.Anjali	MECH-A	Drag Reduction & Flow Visualization.

**EVENT FEEDBACK:**



<b>EXCELLENT</b>	51.5%
<b>GOOD</b>	43.9%
<b>AVERAGE</b>	4.53%




**WINNERS RECEIVING PRIZES:**







**FEEDBACK FORMS:**

**FEEDBACK FORM**

Name: K. VAIBHAV Branch & Section: CSE-D  
 Roll no: 15P61A0515

1. How was your experience giving your first technical paper presentation?  
 a)  Excellent      b)  Good      c)  Average

2. Was the event helpful?  
 a)  Yes      b)  No




3. According to you, what needs to be improved in the event?  
This event itself is a great experience and I found it very helpful. Coordinators of IEEE (i.e.) AVISHKAR are very helpful & eagerness to know about the result is very high.

4. Would you like to join IEEE?  
 a)  Yes      b)  No

5. How do you like to rate the event?  
 a)  Excellent      b)  Good      c)  Average

I am eagerly awaiting to join IEEE. Want to be a part of AVISHKAR 2K16 is really good and also wholeheartedly thank our coordinators for their immense service. I thank IEEE for giving this opportunity. eagerly (D.T.O)

\*will be kept confidential

**FEEDBACK FORM**

Name: A. Tejasvi Branch & Section: CSE-D  
 Roll no: 15P61A0511

1. How was your experience giving your first technical paper presentation?  
 a)  Excellent      b)  Good      c)  Average




2. Was the event helpful?  
 a)  Yes      b)  No

3. According to you, what needs to be improved in the event?  
There is nothing to improve. The technical things present in the event are enough to give a govt.

4. Would you like to join IEEE?  
 a)  Yes      b)  No

5. How do you like to rate the event?  
 a)  Excellent      b)  Good      c)  Average

\*will be kept confidential

**FEEDBACK FORM**

Name: V. Yashant Bhandari Branch & Section: ECE-D  
 Roll no: 15P61A0417

2. How was your experience giving your first technical paper presentation?  
 b)  Excellent      c)  Average




2. Was the event helpful?  
 a)  Yes      b)  No

3. According to you, what needs to be improved in the event?  
Everything was good.

5. Would you like to join IEEE?  
 a)  Yes      b)  No

5. How do you like to rate the event?  
 a)  Excellent      b)  Good      c)  Average

\*will be kept confidential

**FEEDBACK FORM**

Name: V. Yashant Bhandari Branch & Section: ECE-D  
 Roll no: 15P61A0417

2. How was your experience giving your first technical paper presentation?  
 b)  Excellent      c)  Average

2. Was the event helpful?  
 a)  Yes      b)  No

3. According to you, what needs to be improved in the event?  
Everything was good.

5. Would you like to join IEEE?  
 a)  Yes      b)  No

5. How do you like to rate the event?  
 a)  Excellent      b)  Good      c)  Average

\*will be kept confidential

## AVISHKAR 2K16

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### **REVIEW:**

AVISHKAR - 2K16 turned out to be a great platform for the students to showcase their technical talents. It helped them overcome their stage fear and improve their communication skills. IEEE - VBIT SB promoted technical awareness amongst its college students and helped them cultivate confidence. The Student Branch conducted this event to help the students develop technical knowledge and skills.

### **BUDGET:**

The total budget allotted for the event by IEEE -VBIT SB was INR 9,950.

The total amount spent by Avishkar'16 Team for the event was INR 11,630.

The balance amount of INR 1080 should be granted to us by IEEE - VBIT SB.



## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

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

**SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451**

### REPORT ON ALUMNI MEET

#### EVENT DETAILS:

**Date:** 17<sup>th</sup> December, 2016.

**Venue:** Board room.

**Timings:** 12:30 PM to 04:20 PM.

**Branch Counselor:** Mr. M. Venkateshwara Rao.

**Organizers:** IEEE – VBIT SB [2016-2017].

**Number of Alumni/Alumnae attended:** 10

#### **Alumni:**

- ❖ Sujay Gosh
- ❖ Chaitanya Shetti
- ❖ John Benedict
- ❖ Raghu Vishwanath
- ❖ Srujan
- ❖ Baba Sai
- ❖ Mrudul Abhinav
- ❖ Chandhrakanth Reddy
- ❖ Bill Stephen

**Alumna:** Anushka Caringula



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## REPORT ON ALUMNI MEET

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**Introduction:** Many ideas and desire to provide a platform for students to teach about technology gave birth to IEEE on 20<sup>th</sup> December, 2006 in Vignana Bharathi Institute of Technology. IEEE – VBIT SB has been given a proper shape by the students through their sincere efforts in the past 10years, thereby providing the college with a foothold in the region 10.

On the successful completion of 10 years, the Student Branch came up with an idea of gathering students who were a part of this contribution.

The meet is intended to bring different tenures' students together and to let them reminisce their memories by sharing their experiences.

### **Overview:**

One of the dignitaries of college, Dr. Jayant Kulkarni (Vice Principal), commenced the meet by recollecting moments which he spent with the previous years' students.

### ***A talk on IEEE journey in 10 years – Swathi Manjari:***

Swathi Manjari, the Newsletter editor, elaborated the journey of IEEE from 2006 to 2016. She gave a brief introduction on the following:

- The inauguration of IEEE – VBIT SB
- Formation of different societies
- Activities
- Events under each society
- Achievements
- One of the consistent events, Avishkar.

The one statement that she made about IEEE during her talk got engraved on the hearts of students:

***Once a part, never apart!***

### **Alumni talk:**

***Sujoy Gosh*** and ***Srujan*** recollected their memories in college and spoke about the days where finding a place to work for IEEE was a difficult task. The talk they gave boosted self confidence in the attendees.

***Raghu Vishwanathan*** explained the push he received from IEEE. He narrated a few stories to put forward his views in an inspiring way thereby filling the room with a positive atmosphere.

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## REPORT ON ALUMNI MEET

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The first Section Student Representative of Hyderabad Section, **Chaitanya Shetti**, gave an insight on how the works they performed in their tenure helped him out in knowing more about technology, which gradually led him to achieve more.

**John Benedict**, the active volunteer of IEEE, put forward his opinion on this organisation. The passion of traveling throughout the world turned out to be one of his professions after getting into IEEE.

**Baba Sai**, the former Chair of IEEE – VBIT SB shared his experience on how IEEE helped him out in getting transformed from an ordinary person to a creative pro in designing.

The former Secretary of SB, **Bill Stephen**, spoke about the day on which a bulk of people were asked to write an effective content by their manager. He also mentioned how he could complete the task in time because of the exposure he had during IEEE.

**Mrudul Abhinav** could come up with solution for any problem in his office and hence regarded as the best problem solver. “The management skills which I developed while working for IEEE alone gave me this confidence,” he said. He was the Vice Chair of SB in the previous tenure.

**Chandrakanth Reddy** spoke out his mind on how he gained an opportunity from a well known university because of the knowledge he could gather from IEEE. He added spice to his speech with a pinch of amusement.

### Management talk:

Dr. Jayant Kulkarni, Dr. C. R. N. Sharma, Mrs. Suneetha – Former Branch Counselor of IEEE – VBIT SB, Mr. M. Venkateshwara Rao expressed their happiness on meeting the alumni after a long time.

The alumni/alumna were thanked and provided with a token of gratitude for taking out time from their busy schedule and marking their presence.

At the end, a video made by one of the alumni was displayed which took the dignitaries and students to those golden days leaving a mixed emotion on their faces.

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## REPORT ON ALUMNI MEET

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### Schedule:

Time	Session
12:00 PM – 12:30 PM	Registration
12:30 PM – 12:45 PM	High tea
12:45 PM - 01:15 PM	A talk on IEEE journey in 10 years
01:15 PM – 02:20 PM	Alumni talk
02:20 PM – 03:00 PM	Lunch
03:00 PM – 04:00 PM	Alumni talk
04:00 PM – 04:30 PM	Management talk, Felicitation and Valedictory

### Review:

Through Decade celebrations, the present tenure's Student Branch could get to know about many inspirational experiences of our alumni in IEEE. Listening to them, interest in oneself towards IEEE has increased.

The team could get an idea on how IEEE has the power of transforming one's career.

This meet was useful to know various efforts took place by students for the initiation and development of IEEE – VBIT SB.

By interacting with our alumni, students became enthusiastic in networking.

Thus, the event helped students in making them think in a lateral way.

# REPORT ON ALUMNI MEET

## Pictures of the event:





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## REPORT ON ALUMNI MEET

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### *Reminiscing the college moments (Alumni talk):*



### *Celebrations cherish forever!!*



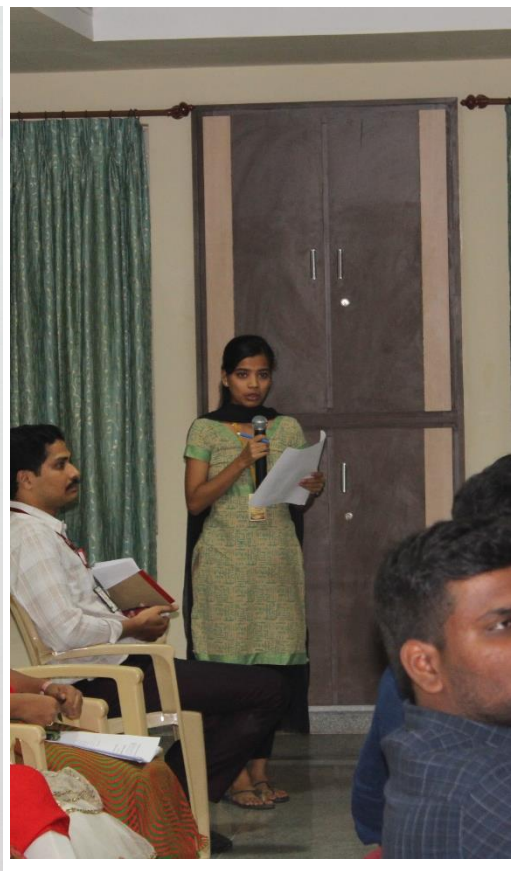
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## REPORT ON ALUMNI MEET

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### ***IEEE:***





*Reunions and celebrations never get old!!*



*Felicitation:*



## REPORT ON ALUMNI MEET

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## DECADE CELEBRATIONS!





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## REPORT ON ALUMNI MEET

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### **Budget:**

The total amount received from the Student Branch was INR 19, 786.

The amount spent for the event was INR 19, 786.

Therefore, there is no balance amount required.



## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

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

**SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451**

### REPORT ON ART BEAT

**Introduction:** Women In Engineering Affinity Group, under IEEE – VBIT SB took an initiative in providing a platform for students to portray their subtle thoughts more precisely. An art which depicts a thousand feelings is rare to come by. ART BEAT helped students to enhance their creativity. It also encouraged them to embrace their individuality and work together as a team. Fine art captures the friction and the stories of our world and society.

#### **Event Details:**

**Date:** 27<sup>th</sup> September, 2016.

**Venue:** Vignana Bharathi Institute of Technology, Ghatkesar.

**Timings:** 10:30 AM to 04:20 PM.

**Number of participants:** 116

**Faculty coordinator:** Mrs. K. Shirisha Reddy.

**Organizers:** WIE - AG of IEEE – VBIT SB, 2016-2017.

#### **WIE Team:**

- ❖ Sai Prathibha - Chair Person
- ❖ Samhitha - Vice-Chair
- ❖ P. Vaishnavi - Secretary
- ❖ K. Utkarsh - Treasurer
- ❖ N. Tejasvi - Representative

### Volunteers:

1. Karthik	EEE
2. Rashmitha	CSE
3. Afreen	CSE
4. Parishhi	CSE
5. Akshata	CSE
6. Rachana	CSE
7. Shradha	EEE

### Overview:

➤ The event was classified into 7 categories:

- Painting
- Quilling
- Craft
- Clay art
- Poster designing
- Poster presentation
- Video making

And, divided into two sessions: Morning and Afternoon.

#### ❖ Morning Session:

- The team extended a warm welcome to all the participants.
- After the inauguration by the dignitaries, the contestants were sent to two different halls based on their category.
- In the given span of 3 hours, the competitors got their things done.

#### ❖ Afternoon Session:

- The students assembled in the auditorium.
- The videos and the posters designed by the registrants were displayed.
- Chief Guest, Mrs. Mrinalini, and her husband, Mr. Srinivas Rao, allotted scores accordingly.
- The best creative art in each category was awarded.

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## REPORT ON ART BEAT

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### Winners:

Category	Name of the winner	College
Painting	Ch. Manogna	VBIT
Quilling	T. Varshini & Shashikala	VBIT
Craft	Sandeep & Prasanna	VBIT
Clay art	Divaker	VBIT
Poster designing	N. Manasa	VBIT
Poster presentation	Prathibha & M. Nithya	VBIT
Video making	Sai Kumar & Kalyan	CVR college of engineering

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## REPORT ON ART BEAT

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### Schedule:

Timing	Session
10:30 AM – 11:00 AM	Inauguration
11:15 AM – 02:00 PM	Implementation time
02:00 PM – 02:30 PM	Lunch
03:00 PM – 04:00 PM	Display of the videos and presentation of the posters.
04:00 PM – 04:20 PM	Prize distribution

### Budget:

The total amount received from the Student Branch was INR 3,950.

The amount spent for the event was INR 4,475.

The balance amount of INR 525 is to be given by the SB to the team.

### Review:

ART BEAT gave an opportunity to students to show their talent.

As everyone who enters a competition cannot win, participants can still benefit the chance of challenging themselves and can learn from those minute mistakes by evaluating their experience. It also helped the students to test their ideas in a risk – free environment.

The words of the registrants made a clear note that this event provided an enriching and stimulating experience to them.

All this happened with the support of the Branch Counselor, Mr. M. Venkateswara Rao and our Faculty Coordinator, K. Shirisha Reddy.

And, all the 7 volunteers had given their best for the event.

# REPORT ON ART BEAT

## Feedback Forms:

VIGNANA BHARATHI Institute of Technology  
Aushapur (V), Ghatkesar (M), R. R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**IEEE**  
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**VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY**  
Aushapur (V), Ghatkesar (M), R. R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**FEEDBACK FORM**

Name: Akhil  
Class/Year: IV  
College: MHVR

1. How will you rate the event?  
a) Excellent  b) Good  c) Average  d) Bad

2. Did we reach your expectations?  
a) Yes  b) A little bit  c) No

3. What was the part you liked the most in the event?  
It was so wellly organized

4. Do you want to attend more events under IEEE? Why?  
Yes

5. Any Suggestions?  
No

VIGNANA BHARATHI Institute of Technology  
Aushapur (V), Ghatkesar (M), R. R. Dist-501 301  
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**IEEE**  
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SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**FEEDBACK FORM**

Name: K. Hasya Reddy  
Class/Year: ECE-A/1st yr  
College: VBIT.

1. How will you rate the event?  
a) Excellent  b) Good  c) Average  d) Bad

2. Did we reach your expectations?  
a) Yes  b) A little bit  c) No

3. What was the part you liked the most in the event?  
The part of making our presentation.

4. Do you want to attend more events under IEEE? Why?  
Yes. It brings our talents out.

5. Any Suggestions?  
None.

VIGNANA BHARATHI Institute of Technology  
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**IEEE**  
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**VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY**  
Aushapur (V), Ghatkesar (M), R. R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**FEEDBACK FORM**

Name: T. Shalendhar  
Class/Year: ECE-c/1st year  
College: VBIT

1. How will you rate the event?  
a) Excellent  b) Good  c) Average  d) Bad

2. Did we reach your expectations?  
a) Yes  b) A little bit  c) No

3. What was the part you liked the most in the event?  
Video making

4. Do you want to attend more events under IEEE? Why?  
Yes, it was nice experience

5. Any Suggestions?  
-

VIGNANA BHARATHI Institute of Technology  
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**IEEE**  
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SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**FEEDBACK FORM**

Name: Sai Teja  
Class/Year: ECE/I  
College: vbit

1. How will you rate the event?  
a) Excellent  b) Good  c) Average  d) Bad

2. Did we reach your expectations?  
a) Yes  b) A little bit  c) No

3. What was the part you liked the most in the event?  
I liked the participation

4. Do you want to attend more events under IEEE? Why?  
Yes I would like to attend events to experience the uniqueness

5. Any Suggestions?  
expecting more events



Art Gallery:

(ART BEAT – Keep Art Alive!)



*Creativity is not a competition. It makes simple things, awesomely simple.  
Art speaks where words are unable to explain.*



## REPORT ON ART BEAT

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### WIE team (2015 – 16) achievement:



### WIE team (2016 – 17):





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## REPORT ON ART BEAT

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### Photographs of the event:



*Chief Guest witnessing the work of the participants.*



*Judges looking after the exhibited designs made by the contestants.*



*The couple allotting the scores to the competitors.*

Winners receiving prizes:





Felicitating the twosome:





## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

Aushapur (V), Ghatkesar (M), R.R. Dist. - 501301

SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

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### **REPORT ON AVISHKAR 2K17 INTER ROUND**

Avishkar is a unique technical paper presentation competition held exclusively for the first year students pursuing the graduate academic degree, B.Tech. Avishkar has been a convenient platform for the students to come out of shell and evaluate their technical and persuasive prowess. IEEE - VBIT SB has been successful in conducting Avishkar consequently for 8 years, counting its aim to maintain its persistence in the future too. Owing to its lustrous pre-eminent establishment, IEEE - VBIT SB has won the 'Darrel Chong student activity award' in the year 2011 for holding up the event consistently for more than 5 years, which eventually brought the institution an international recognition. Avishkar is highly acclaimed due to its immense benefits that it has been providing to the students in two bifurcate levels namely INTRA and INTER collegerounds.

The intra college round is conducted exclusively for the first year students of Vignana Bharathi Institute of Technology whereas the Inter round of Avishkar 2K17 is conducted every year for the students of other colleges. Here, the students get to innovate and explore the trending technologies in the expanding fields of science and technology.

#### **EVENT DETAILS:**

- Date : 25<sup>th</sup> March, 2017
- Venue : Vignana Bharathi Institute of Technology
- Number of rounds : 1
- Number of papers presented : 22
- Number of participants : 35
- Number of streams : 6

The Avishkar 2K17 team was formed on 18<sup>th</sup> December, 2016 embracing 16 students.

#### **FACULTY COORDINATOR:**

Mrs. T. Swaroopa Rani

#### **BRANCH COUNSELLOR:**

Mr. M. Venkateshwara Rao

## **AVISHKAR 2K17 ORGANIZING TEAM:**

- *Marketing* : G. Sharon Sucharitha, Shrijith Menon, T. AjayKumar.
- *Social Media Promotion* : AkshataER.
- *Documentation* : R. Sai Meghana, Vishnu Vardhan, N.Manasa.
- *Poster Designing* : Bhavani Sai, Ch L V Sai Rohit.
- *Hospitality* : T. Mounika, KarthikMadduri.
- *Treasurer* : Sai Kiran Vanam, I. Hari HaranReddy.
- *Web Designing* : C S Pujith, Rashmitha Varma, G.Meena.

## **EVENT DESCRIPTION:**

- Avishkar, a technical paper presentation competition where young minds are intended to disclose a power point presentation on any technical concept.
- The participants of this event had to exhibit their demonstrations according to the pre-framed regulations.
- A team can consist of one or two students. Each team was given a total time of 10minutes for theirperformance.
- The first 8 minutes were allotted for their presentation and the remnant 2 minutes was allotted for the judges to pose different questions to test their skills.
- The participants were given a warning bell on the 6<sup>th</sup> minute and the final bell on the 8<sup>th</sup> minute.
- Evaluation of the team's performance was based on their presentation and the abilityto answerqueries.

## **OVERVIEW:**

- Avishkar was acquainted to the first year students of all colleges through class announcements on 3<sup>rd</sup> and 4<sup>th</sup> of March, 2017.
- The aid of IEEE chairs of respective colleges played a major role in the campaign.
- Many students registered and came up with several queries which were solved by the team.
- Students were allowed to choose one from 6 pre-defined streams on which their presentation would be based on.
- Last dates for online registrations, submission of abstracts and PPTs were notified as on 16<sup>th</sup> and 22<sup>nd</sup> of March, 2017 respectively.
- Offline registrations were held up at their service on the day of theevent.
- Assistance regarding abstracts and presentations was alsoprovided.

## REPORT - AVISHKAR 2K17

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### **SCHEDULE:**

<b>Time</b>	<b>Session</b>
<i>10:00 AM - 10:40 AM</i>	<i>Inauguration ceremony</i>
<i>10:40 AM - 12:30 PM</i>	<i>1<sup>st</sup> session of presentations</i>
<i>12:30 PM - 01:10 PM</i>	<i>Lunch</i>
<i>01:10 PM - 03:40 PM</i>	<i>2<sup>nd</sup> session of presentations</i>
<i>03:40 PM - 04:20 PM</i>	<i>Valedictory</i>

### **JUDGES:**

- 1) Dr. Pradeep Kumar Mallick (CSE department)
- 2) D. Ravi (H&S department)
- 3) V. Jeetender (EEE department)

### **WINNERS:**

<b>Prize</b>	<b>Winner</b>	<b>Topic</b>	<b>College Name</b>
<i>First Prize</i>	<i>Kunal Dubey Sanath Swaroop</i>	<i>IRTTTC</i>	<i>Vignana Bharathi Institute of Technology</i>
<i>Second Prize</i>	<i>Jay Karan Hardik Nahata</i>	<i>BRAIN CONTROLLED SMART PHONE</i>	<i>Institute of Aeronautical Engineering</i>
<i>Third Prize</i>	<i>Likhitheswari A. Sowmya</i>	<i>LI - FI TECHNOLOGY</i>	<i>Malla Reddy Engineering College for Women</i>



**WINNERS RECEIVING PRIZES:**



**AVISHKAR TEAM WITH WINNERS AND DELEGATES:**



**AVISHKAR TEAM, MENTORS AND SCRUTINIZERS WITH WINNERS AND DELEGATES:**





**AUDIENCE AT A GLANCE:**



# REPORT - AVISHKAR 2K17

## FEEDBACK:

VIGNANA BHARATHI Institute of Technology  
Aushapur (V), Ghatkesar (M), R.R. Dist- 501301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

Feedback Form

Name: YASHRAJ  
College: KMIT

Did Avishkar challenge your abilities?  
Yes

Was Avishkar informative and interesting?  [YES/NO]

How was the event as a whole?  
 [Excellent]  [Very Good]  [Good]  [Satisfactory]  [Poor]

Are you an IEEE member?  [YES/NO]

Any suggestion that you would like to present to the team of Avishkar 2k17?  
The instructions should be given before hand without missing any \* crucial \* notes.  
Overall the event was very good.

VIGNANA BHARATHI Institute of Technology  
Aushapur (V), Ghatkesar (M), R.R. Dist- 501301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

Feedback Form

Name: A Sowmya  
College: Nalla Reddy Engineering college for women

Did Avishkar challenge your abilities?  
Yes Judges questions helped us to know our faults we will try reach their expectation

Was Avishkar informative and interesting?  [YES/NO]

How was the event as a whole?  
 [Excellent]  [Very Good]  [Good]  [Satisfactory]  [Poor]

Are you an IEEE member?  [YES/NO]

Any suggestion that you would like to present to the team of Avishkar 2k17?  
Your hospitality was excellent. all organizers really helped us. they are very polite and thanks VBIT for this opportunity.

VIGNANA BHARATHI Institute of Technology  
Aushapur (V), Ghatkesar (M), R.R. Dist- 501301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

Feedback Form

Name: Sandeep Swaroop  
College: VBIT

Did Avishkar challenge your abilities?  
Totally

Was Avishkar informative and interesting?  [YES/NO]

How was the event as a whole?  
 [Excellent]  [Very Good]  [Good]  [Satisfactory]  [Poor]

Are you an IEEE member?  [YES/NO]

Any suggestion that you would like to present to the team of Avishkar 2k17?  
Please be careful with the PPT's 😊

VIGNANA BHARATHI Institute of Technology  
Aushapur (V), Ghatkesar (M), R.R. Dist- 501301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

Feedback Form

Name: Kunal Dubey  
College: VBIT

Did Avishkar challenge your abilities?  
Obviously, Yes!

Was Avishkar informative and interesting?  [YES/NO]

How was the event as a whole?  
 [Excellent]  [Very Good]  [Good]  [Satisfactory]  [Poor]

Are you an IEEE member?  [YES/NO]

Any suggestion that you would like to present to the team of Avishkar 2k17?  
Keep on doing awesome work!

**STATISTICS:**

The following statistics have been calculated based on the feedback of over 35 participants.



<b>Excellent</b>	<b>27.2%</b>
<b>Very Good</b>	<b>39.3%</b>
<b>Good</b>	<b>24.2%</b>
<b>Satisfactory</b>	<b>9.3%</b>
<b>Poor</b>	<b>0%</b>

## REPORT - AVISHKAR 2K17

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### **REVIEW:**

Avishkar 2K17 has thus proven to be a great platform for the students to exploit their hidden technical talents and personal etiquette. It helped the students to enhance their interpersonal skills and defeat their stage fright, later leading them to initiate a lean cultivation of self-confidence. Thus with this endearing act of IEEE - VBIT SB, Avishkar 2K17 has brought many advancing thoughts in the minds of young engineers.

### **BUDGET:**

The total budget allotted for the event by IEEE - VBIT SB was ₹9900.  
Total amount spent by Avishkar 2K17 Team for the event was ₹8424.  
The remnant amount of ₹1476 was handed over to the management.



## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

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

**SCHOOL CODE : 45893584 STUDENT BRANCH CODE: 65451**

### **REPORT ON JOHN BARDEEN MEMORIAL, 2016.**

#### **INTRODUCTION ABOUT JOHN BARDEEN:**

Humanity is forever indebted to John Bardeen for the gift he has given to all of mankind. John Bardeen (May 23, 1908 – January 30, 1991), the inventor of Transistor and BCS theory was an American Physicist and an Electrical engineer. He was the only person to have won the Nobel price twice in the field of Physics in the years 1956 and 1972. John Bardeen always believed that “The combined results of several people working together is often much more effective than that of an individual scientist working alone”.

To mourn the death of this great scientist on his 25<sup>th</sup> death anniversary, IEEE – VBIT SB conducted technical presentations related to the inventions of John Bardeen.

#### **EVENT DETAILS:**

IEEE - VBIT SB took immense pleasure in enlightening the students about life of John Bardeen and applications of his inventions. It also conducted a guest lecture on “Materials and Life” by Dr. SK. Taher Ali, Scientist at Centre for Materials for Electronics Technology [C-MET], Hyderabad in the commemoration of the great scientist John Bardeen on the date of his demise.

Date : 30<sup>th</sup> January, 2016.  
Venue : T & P Hall, Vignana Bharathi Institute of Technology.  
Timings : 10:30 am – 01:10 pm.  
Number of attendees : 100  
Branch Counsellor : Mr. M. Venkateswara Rao.

#### **ORGANIZERS:**

IEEE – VBIT SB.

#### **CHIEF GUEST:**

Dr. SK. Taher Ali, Scientist, C – MET, Hyderabad.



## JOHN BARDEEN MEMORIAL

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### OVERVIEW:

- John Bardeen Memorial is conducted every year by IEEE – VBIT SB to recall the contributions of the great scientist.
- The event commenced in the esteemed presence of dignitaries, Principal Dr. G. Amarender Rao sir, our Director of Student Affairs, Dr. C. R. N. Sarma and our Branch Counselor Mr. M. Venkateswara Rao.
- A presentation on John Bardeen’s life was delivered by Madhuri Nisha.
- A presentation on “Semiconductor Devices” was delivered by Harshitha Karna.
- A lecture on “Materials and Life” was given by Dr. SK. Taher Ali, Scientist at C-MET (Centre for Materials for Electronics Technology).
- The guest has been complimented by Dr. G. Amarendar Rao with a token of appreciation.

### SCHEDULE:

<b>TIMINGS</b>	<b>SESSIONS</b>
<b>10:30 AM - 10:45 AM</b>	Inaugural Ceremony
<b>10:45 AM - 11:00 AM</b>	Presentation on John Bardeen’s Life history By Madhuri Nisha.
<b>11:00 AM - 11:10 AM</b>	Presentation on Semiconductor Theory and Devices By Harshita Karna.
<b>11:10 AM - 01:00 AM</b>	Lecture on “Materials and Life” by Dr. SK. Taher Ali.
<b>01:00 PM - 01:05 PM</b>	Rules about the competition by Swathi Manjari.
<b>01:05 PM - 01:08 PM</b>	The Rapid fire round competition
<b>01:08 PM - 01:10 PM</b>	Felicitation Ceremony.



### **GUEST OF HONOUR:**

It was an honour for IEEE – VBIT SB to have the presence of Dr. SK. Taher Ali, Scientist at Centre for Materials for Electronics Technology (CMET), Hyderabad. Dr. SK. Taher Ali is B. Sc. Hons in Physics, M. Sc. in Electronic Science and Ph. D. in Electronic Science from University of Calcutta. He worked as a Research Fellow in Materials Science Centre, IIT Kharagpur during 1988–94 for his Ph. D. thesis entitled “Studies of Photo-electrochemical Solar Cells, Surface Modification and Hetero-junction on Gallium Arsenide (GaAs) and Indium Gallium Arsenide (InGaAs) and then as a Project Officer for Photonic Mission Project (1994-95) on InGaAs/InP photodiode. He served as a lecturer from (1995 – 1997) in various colleges. Since 1997, he has been working as a Scientist at C-MET, Hyderabad. He published 23 papers on semiconductors and high purity materials in international journals and presented 29 papers in conferences. Presently, he is Scientist-D in C-MET and is working as Principal Investigator of a DRDO sponsored project on development of SiC wafer.

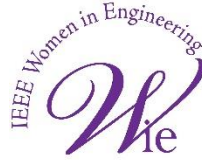
### **Pictures clicked during the event:**





**REVIEW:**

The event was not only educative but was also interactive as Dr. SK. Taher Ali enlightened the students on basic human values and morale. The audience thoroughly enjoyed the educative rapid fire round. IEEE – VBIT SB was once again successful in encouraging and enlightening students in the field of electronics.



## 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- LIFT THE CHILDREN**

**Introduction:** The STAR (Student – Teacher and Research Engineer/ Scientist) has been an illustrious event. The WIE Affinity Group, under IEEE – VBIT SB has conducted STAR program on 20<sup>th</sup> July, 2016. The main aim of this was to impart self- realization and to spread awareness among the children.

#### **Event Details:**

**Date:** 20<sup>th</sup> July, 2016.

**Venue:** Vignana Bharathi Institute of Technology, Ghatkesar.

**Timings:** 11:00 AM to 01:50 PM.

**Number of participants:** 60

**Faculty coordinator:** Mrs. K. Shirisha Reddy.

**Organizers:** WIE--AG of IEEE – VBIT SB, 2016-2017.

#### **WIE Team:**

- ❖ Sai Prathibha - Chair Person
- ❖ Samhitha - Vice-Chair
- ❖ Vaishnavi - Secretary
- ❖ Utkarsh - Treasurer
- ❖ Tejasvi - Representative

**Volunteers:**

1. Shivani	ECE
2. Supriya	EEE
3. Afreen	CSE
4. Shivani	CIVIL
5. Tejaswini	CIVIL
6. Vandana	EEE

**Overview:**

- The students of classes 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> of a government school were brought to the VBIT campus along with few of their teachers at 10:30 AM.
- The event was a half day event, which was categorized into three sessions.

**Session 1:**

- Spell Bee competition was conducted.
- There were two rounds in this session.
- In the first round, all the participants were asked to write the spellings of the words dictated.
- The top ten students were sent to the second similar round in which few other words with a relatively high difficulty were dictated.
- Top 3 contestants were selected.

**Session 2:**

- Quiz competition was conducted to all the students.
- Each student was given some multiple choice questions.
- The participants who stood in the first 3 places, were given gifts.

**Session 3:**

- In this session, Art competition was conducted to the interested students.
- They were asked to make an art with any concept of their choice.
- After looking at the quality of their composition, three students were selected.
- And, all the three winners were given pouches.



- The top 3 deserved contestants, in each session were given gifts after the completion of all the three sessions by the members of main Executive Committee.
- Then, all the students were sent back to their school.

**Winners List of Spell Bee:**

<b>Prize</b>	<b>Name of the contestant</b>
<i>1<sup>st</sup> Prize</i>	Sk. Halima
<i>2<sup>nd</sup> Prize</i>	Sk. Chotu
<i>3<sup>rd</sup> Prize</i>	Ch. Mahesh

**Winners List of Quiz competition:**

<b>Prize</b>	<b>Name of the participant</b>
<i>1<sup>st</sup> Prize</i>	Sd. Sajin
<i>2<sup>nd</sup> Prize</i>	M. Shivalingam
<i>3<sup>rd</sup> Prize</i>	D. Roja

**Winners List of Art competition:**

<b>Prize</b>	<b>Name of the student</b>
<i>1<sup>st</sup> Prize</i>	Sk. Sony
<i>2<sup>nd</sup> Prize</i>	Nilesh
<i>3<sup>rd</sup> Prize</i>	M. Shivalingam
<i>4<sup>th</sup> Prize</i>	Shiva

**Schedule of the event:**

<b>Timings</b>	<b>Sessions</b>
10:45 AM to 11:00 AM	Introduction
11:00 AM to 11:20 AM	<i>Session 1: Spell Bee competition</i> ( <u>Round1</u> - All the participants were asked to write down some words which were pronounced)
11:30 AM to 11:45 AM	<i>Spell Bee competition</i> <u>Round 2</u> - The top 10 students were asked to write some difficult words.
11:45 AM to 12:20 PM	<i>Session 2: Quiz competition</i> (All the students were given some multiple choice questions)
12:20 PM to 01:00 PM	<i>Session 3: Art competition</i> (Interested students were asked to put their thoughts on a paper)
01:00 PM to 01:15 PM	Power point presentation by two volunteers.
01:15 PM to 01:45 PM	Results and valedictory

**Review:** The STAR program has been helpful for the people from the past few years. Through this event, the students got an opportunity to explore their talents and it became a platform to put their views into picture through ‘Art’ competition. All the students were happy with this event. All this happened under the supervision of the respected faculty coordinator, Mrs. K. Shirisha Reddy.

Later, all the 6 volunteers were given the certificates.

**Budget:**

The total amount received from the Student Branch was INR 1130.

The amount spent for the event was INR 1450.

The balance amount of INR 320 is to be given by the SB to the team.

**Photographs of the event:**

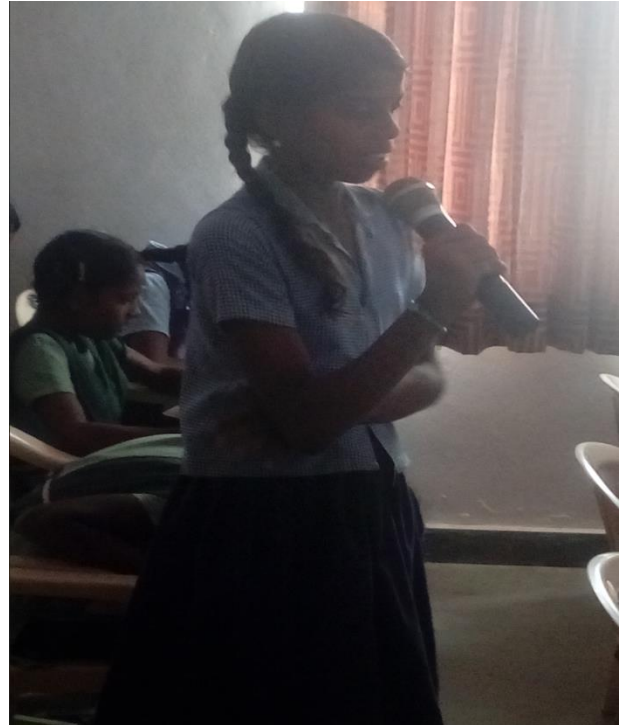








**Participants while speaking:**





# REPORT ON POWER COLLOQUIUM 2K16

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

**SCHOOL CODE : 45893584    STUDENT BRANCH CODE: 65451**

## **REPORT ON POWER COLLOQUIUM 2K16**

### **Event Details**

**Title:**Power Colloquium 2k16

**Date:** 3<sup>rd</sup> August, 2016

**Timings:** 10:00 AM to 4:20 PM

**Venue:**Chethana Auditorium, VBIT

**Participants attended:** 114

**In Collaboration with:** EEE department

**Branch Counselor:** Mr. M. Venkateshwara Rao

**Faculty Coordinator:**Mr. V. Jeetender

### **Organizers:**

Mr. D. Avinash Goud - Chairperson

Mr. T. Pranav - Vice-Chair

Mr. K. Dharanikumar - Secretary

Ms. G. Sai Tejaswini - Treasurer

Mr. Surya Dhanush -Representative

### **Overview:**

1. Power Colloquium intended to provide a good platform where eminent speakers could share their knowledge and experience with the participants on Entrepreneurship and Optimal allocation of Renewable energy resources.



## REPORT ON POWER COLLOQUIUM 2K16

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2. The event started with a brief note to the attendees about the “Power Colloquium 2k16” followed by lightening of the lamp.
3. The dignitaries of the college- The Principal –Dr. G. Amarender Rao, the Branch Counselor of IEEE – VBIT SB- Mr. M. Venkateshwara Rao, the HOD of EEE dept. Dr. K. Neelima welcomed the Chief guests and shared their thoughts.

### Schedule:

TIME	SESSION
10:00 AM-10:30 AM	Inauguration
10:30 AM -11:15 AM	Talk by Mr. Gopalakrishna. Kuppa Chair, PES/PLS/IAS Societies Joint Chapter IEEE HYDERABAD SECTION
11:15 AM-12:00 PM	Mr. Akilan V CEO of Premier Engineering Corporation
12:00 PM-01:00 PM	Mr. Sankara Rao Chodagam Founder & Managing Director, Titan Energy Systems Ltd., India
01:00 PM-1:50 PM	LUNCH
1:50 PM-2:30 PM	Ice Breaking Session
2:30 PM-3:45 PM	Mr. Pawan Acharya Executive Director & Board Member at Adapt Motors Private Limited
3:45 PM-4:10 PM	Membership Development Session by Ms. Sowmya Ankathi GINI&MDO IEEE-VBIT SB

# REPORT ON POWER COLLOQUIUM 2K16

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## **Session 1:**

*Talk by Mr. KuppaGopalakrishna, Chair, PES/PLS/IAS Societies Joint Chapter, IEEE Hyderabad Section.*

Mr. GopalakrishnaKuppa started his speech on entrepreneurship to impart a strong foundation on the same to electrical engineering students. He has addressed the pros and cons and gave some tips to achieve success in a start-up.

He also explained about the optimal allocation of Renewable energy resources. He informed participants that renewable energy resources are not being used effectively which is a great concern for our future.

## **Session 2:**

*Talk by Mr. Akhil V, CEO of Premier Engineering Cooperation.*

Having four years of his experience as CEO in premier engineering cooperation, he started off by interacting with participants. He gave a glimpse on his career – after graduation to a successful personality. He has given valuable tips to the participants in order to become a successful entrepreneur.

## **Session 3:**

*Talk by Mr. Sankara Rao Chodangam, Founder and director of Titan Energy Systems*

Mr. Sankara Rao Chodangam is a technocrat and first generation entrepreneur who found Titan Energy Systems Ltd in 1995 which focuses only on Solar Photovoltaics manufacturing and setting up of OFF Grid/On Grid Power Plants. He shared about his products and gave the importance of Solar panels and renewable energy resources.

## **Session 4:**

*A Talk by Mr. Pawan Acharya, Executive Director and Board Member at ADAAPT MOTORS*

Mr. Pawan Acharya worked in various companies and finally he established his company called

# REPORT ON POWER COLLOQUIUM 2K16

ADAAPT MOTORS. He took the session on entrepreneurship and business. He interacted with participants by enquiring their goals. He stated that he will encourage people in establishing their own Start-ups only after their five-year experience in working with various companies.

*“Mr. Pawan Acharya offered internship to participants in his own company as a token of gratitude.”*

## Session 5:

*Membership Drive by Ms. Sowmya Ankathi, GINI and MDO, IEEE – VBIT SB.*

She started her session with the introduction of IEEE and the benefits that every person gets after joining IEEE. She has given a brief introduction of Power and Energy Society and also about the events that are conducted under the societies. She has then stated the awards and scholarships VBIT has bagged from the beginning of Student branch in our College.

## Feedback:

Feedback Form 1	Feedback Form 2
<p>IEEE PES Power &amp; Energy Society POWER COLLOQUIUM '16</p> <p>IEEE VBIT SB</p> <p><b>FEEDBACK FORM</b></p> <p>Name: <u>G. PRANAY</u></p> <p>College Name: <u>VBIT</u></p> <p>1. How was the event? 1) Excellent 2) <input checked="" type="checkbox"/> Good 3) Average 4) Below Average</p> <p>2. Does the event helpful to you? <u>Yes.</u></p> <p>3. Did the event reach your expectations? <u>yes,</u></p> <p>4. What are the other topics you want to know for the next event? <u>Explain about</u> ① Power plants, ② Machines,</p> <p>5. How do you feel about our volunteering/organizing team? 1) Excellent 2) <input checked="" type="checkbox"/> Good 3) Average 4) Below Average</p> <p>Any Suggestions? <u>—</u></p>	<p>IEEE PES Power &amp; Energy Society POWER COLLOQUIUM '16</p> <p>IEEE VBIT SB</p> <p><b>FEEDBACK FORM</b></p> <p>Name: <u>E. Srinika</u></p> <p>College Name: <u>KITE</u></p> <p>1. How was the event? <input checked="" type="checkbox"/> 1) Excellent 2) Good 3) Average 4) Below Average</p> <p>2. Does the event helpful to you? <u>Yes</u></p> <p>3. Did the event reach your expectations? <u>Yes</u></p> <p>4. What are the other topics you want to know for the next event?</p> <p>5. How do you feel about our volunteering/organizing team? 1) Excellent 2) <input checked="" type="checkbox"/> Good 3) Average 4) Below Average</p> <p>Any Suggestions?</p>

# REPORT ON POWER COLLOQUIUM 2K16

IEEE PES  
Power & Energy Society POWER COLLOQUIUM '16

IEEE VBIT SB

**FEEDBACK FORM**

Name: B. Suman

College Name: V.B.I.T

1. How was the event?  
1) Excellent 2) Good 3) Average 4) Below Average

2. Does the event helpful to you? yes

3. Did the event reach your expectations?  
yes

4. What are the other topics you want to know for the next event?  
Explain more & more about start ups

5. How do you feel about our volunteering/organizing team?  
1) Excellent 2) Good 3) Average 4) Below Average

Any Suggestions?  
No

IEEE PES  
Power & Energy Society POWER COLLOQUIUM '16

IEEE VBIT SB

**FEEDBACK FORM**

Name: A Swathi

College Name: VBIT

1. How was the event?  
1) Excellent 2) Good 3) Average 4) Below Average

2. Does the event helpful to you? yes

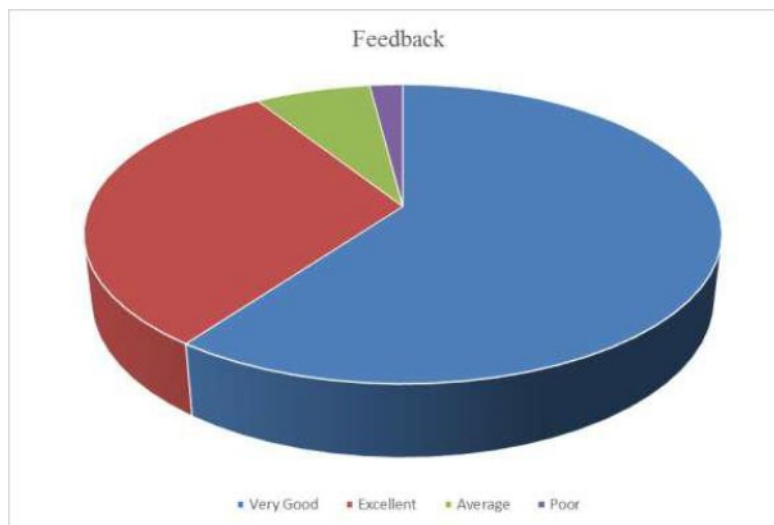
3. Did the event reach your expectations? yes

4. What are the other topics you want to know for the next event?  
Topics are useful to us

5. How do you feel about our volunteering/organizing team?  
1) Excellent 2) Good 3) Average 4) Below Average

Any Suggestions?

## Feedback result:





# REPORT ON POWER COLLOQUIUM 2K16

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## Photographs of the event.



# REPORT ON POWER COLLOQUIUM 2K16

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# REPORT ON POWER COLLOQUIUM 2K16

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## REPORT ON POWER COLLOQUIUM 2K16

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# REPORT - COLLOQUIUM

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## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

Aushapur (V), Ghatkesar (M), R.R. Dist- 501301

**SCHOOL CODE:45893584 STUDENT BRANCH CODE:65451**

### REPORT – COMSOC COLLOQUIUM

**Introduction:** Communications Colloquium is aimed at filling the minds of young enthusiasts with contemporary topics by prominent speakers. The main motto of ComSoc is to provide an insight of new trends, techniques, developing skills and innovative ideas regarding trending technologies. This is the fourth consecutive year of ComSoc - Colloquium being conducted by ComSoc, IEEE – VBIT SB in collaboration with ComSoc/SP Hyderabad Section.

#### **Event Particulars:**

**Date:** 1<sup>st</sup> April, 2017.

**Timings:** 10:30 AM – 2:00 PM

**Venue:** Vignana Bharathi Institute of Technology

**Number of Participants:** 150

**Faculty Coordinator:** Mr. M. Praveen Kumar

**Branch Counselor:** Mr. M. Venkateshwara Rao

**Organizers:** Communications Society, IEEE – VBIT SB

#### **Event Description:**

After all the participants assembled in Chetana Auditorium, the event commenced by lightening of lamp and a prayer song, followed by introductory speeches by the dignitaries. It enhanced the significance of the event by the esteemed presence of Mr. Ramakrishna Kappagantu, IEEE R10 (Asia - Pacific) Director. He is the additional GM of Power Grid Corporation of India Limited, Southern Regional Transmission System- II.

- ❖ The event was divided into three sessions in which two are on technical topics and the other is regarding transition of a student to Young Professional.

❖ A detailed description of the speakers and the topic is given below:

➤ **Session 1:**

**Topic: Scalable platforms for Hyper Scale Applications**

**Speaker profile:** Mr. Radhakrishna Singuru is currently working as Principal Architect and Practice Head, Product Engineering Services, Wipro Technologies. He has joined Wipro more than 21 years ago and did his M.Tech in CSE from IIT Kanpur. He has a huge experience in working in varied areas ranging from Hyper Scale Application Engineering, Analytic Platforms, Cloud and Virtualization Technologies, Next Gen Firewalls, Network Protocol stacks, L2/L3 Switching and Stacking software, Network processors and many more.

**Overview on the session:**

- The speaker apprised the audience of Hyper Scale Applications and its key characteristics.
- He had let the participants know the key concepts of Scalable Platforms.
- He also illustrated the sample use cases and best practices in building Hyper Scale Apps.

➤ **Session 2:**

**Topic: Student to Young Professional Transition**

**Speaker Profile:** Vamshi Krishna J has completed his B.Tech in Electronics and Communication Engineering from Vignana Bharathi Institute of Technology and is currently working as Head of Academic Relations at stuMagz.com. He has been an active IEEE Volunteer since 2012 and has organized/volunteered more than a 100+ events under IEEE holding various volunteer positions. He is a passionate fiction reader/writer and an avid traveler.

**Overview on the session:**

- The speaker addressed the audience on the life after B.Tech and also, the different options one can opt after B.Tech.
- He made the crowd aware of the real meaning of engineering and also spoke about his engineering career.
- The participants were acquainted with the importance and benefits of IEEE as a student as well as a Young Professional.

## REPORT - COLLOQUIUM

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### ➤ Session 3:

#### Topic: Cellular Network Architecture

**Speaker Profile:** Dr. Abhinav Kumar received the B.Tech degree in Electrical Engineering and M.Tech degree in Information and Communication Technology, and the PhD degree in Electrical Engineering from the Indian Institute of Technology, Delhi. From December 2013 to November 2014, he was a postdoctoral fellow at the University of Waterloo, Canada. Since November 2014, he has been with Indian Institute of Technology Hyderabad, India, as an assistant professor. He is also a member of IEEE.

#### Overview on the session:

- The speaker discussed about various resource allocation schemes that have been used in practice in existing cellular networks.
- Various challenges in resource allocation in the presence of heterogeneous networks were examined.
- Finally, he illuminated the minds of participants with various key technologies for 5G like M2M communications, mmWave communications.

The event is accomplished by following the below schedule:

TIMINGS	SESSION
11:00 AM – 11:30 AM	Inaugural
11:30 AM – 11:45 PM	Speech by Mr. Ramakrishna Kappagantu
11:45 PM – 12:45 PM	Talk on Scalable Platforms in Hyper Scale Applications by Mr. Radhakrishna Singuru
12:45 PM – 1:05 PM	IEEE Student Transition Program
1:05 PM – 2:05 PM	Talk on Cellular Network Architecture by Dr. Abhinav Kumar
2:05 PM – 2:15 PM	Valedictory

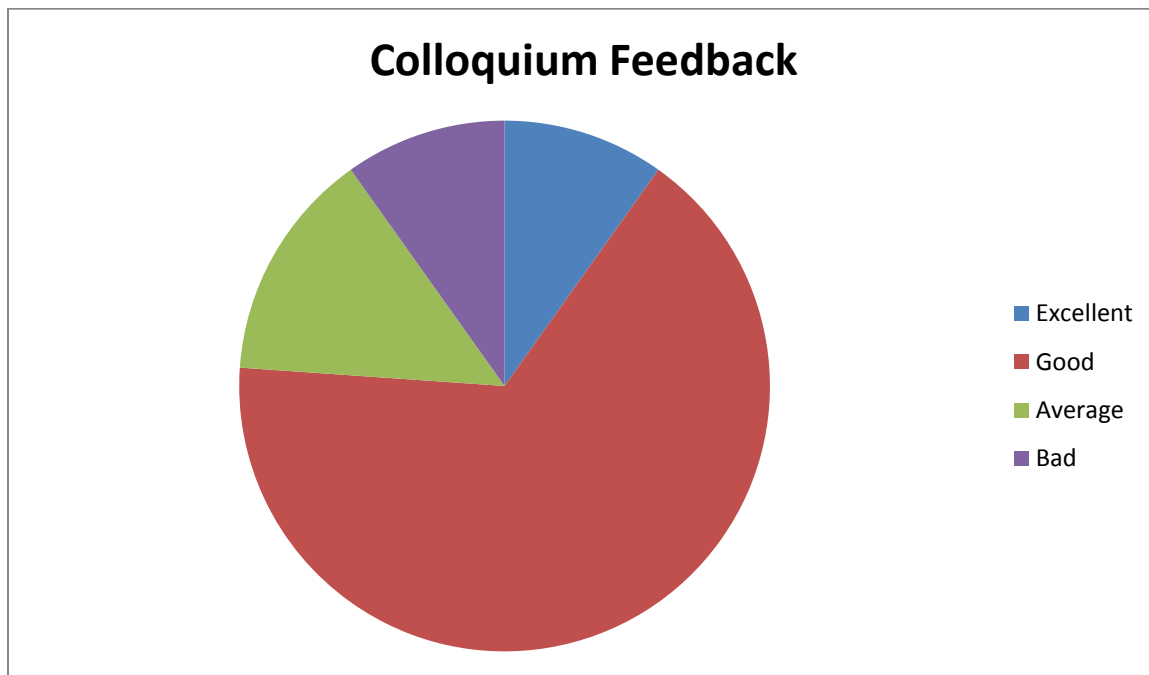
## REPORT - COLLOQUIUM

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**Overview:** All the three sessions were found magnificently interesting and helpful to the participants. Students could get to learn the subject out of text books which would be beneficial in their future endeavors. It helped in increasing the level of thinking of the participants aspiring to do projects in the respective fields.

**Feedback:**

After the completion of the event, feedback was taken from the participants which is resulted as below:



Feedback	Percentage
Excellent	9.8%
Good	66%
Average	14%
Bad	9.8%



# REPORT - COLLOQUIUM

Pictures of few feedback forms written by the participants:

VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY  
Aushapur (V), Ghatkesar (M), R.R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**FEEDBACK FORM**

Name: B. Manohar Reddy  
Class/Year: III  
College: NMREC

1. How would you rate the event?  
a) Excellent  b) Good  c) Average  d) Bad

2. Did we reach your expectations?  
a) Yes  b) A little bit  c) No

3. Was this event helpful in acquiring technical knowledge?  
Yes

4. Do you want to attend more events like this? Justify.  
Yes, this events says, whats going on real time of what technology

5. Any suggestions?  
Give complement information about only one technology.

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**FEEDBACK FORM**

Name: P. Durga Pooval Reddy  
Class/Year: III y cce  
College: NMREC

1. How would you rate the event?  
a) Excellent  b) Good  c) Average  d) Bad

2. Did we reach your expectations?  
 Yes b) A little bit  c) No

3. Was this event helpful in acquiring technical knowledge?  
Yes

4. Do you want to attend more events like this? Justify.  
I would glad to.

5. Any suggestions?  
Nothing much

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**FEEDBACK FORM**

Name: Ashut Awasi  
Class/Year: 4-2  
College: VBIT

1. How would you rate the event?  
a) Excellent  b) Good  c) Average  d) Bad

2. Did we reach your expectations?  
a) Yes  b) A little bit  c) No

3. Was this event helpful in acquiring technical knowledge?  
NO

4. Do you want to attend more events like this? Justify.  
Not like this, but a webcast.

5. Any suggestions?  
Students trust on you, don't make their trust down.

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Aushapur (V), Ghatkesar (M), R.R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**FEEDBACK FORM**

Name: K. Surya Sanki Reddy  
Class/Year: B Tech/III  
College: NMREC

1. How would you rate the event?  
a) Excellent  b) Good  c) Average  d) Bad

2. Did we reach your expectations?  
a) Yes  b) A little bit  c) No

3. Was this event helpful in acquiring technical knowledge?  
Yes

4. Do you want to attend more events like this? Justify.  
Yes, because events are about technical knowledge

5. Any suggestions?  
NO

## REPORT - COLLOQUIUM

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**Pictures taken during the inaugural:**



**Mr. Ramakrishna Sir with our respected Branch Counselor and HOD of ECE:**





## REPORT - COLLOQUIUM

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**Participants keenly listening to the lectures:**



**Mr. Radhakrishna Singuru presenting his lecture and later receiving a token of gratitude.**



## REPORT - COLLOQUIUM

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**Mr. Vamshi Krishna J taking his session and later receiving the token of gratitude:**



**Mr. Abhinav Kumar giving his lecture later with the team of ComSoc:**



**Few of the dignitaries with the execom:**





# REPORT - COLLOQUIUM

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**With the executive committee and the volunteers:**



## **ComSoc Team:**

- Harshitha Karna - Chair Person
- S. A. Wasim - Vice Chair
- P. Shravya Reddy - Secretary
- M. Poorna Chander - Treasurer
- A. Varshith Sharma – Representative

## **Volunteers:**

- Harini
- Mounika
- Bhavya
- Yashashwini
- Hari Haran
- Hemanth
- Alekhya
- Arvinda Himaja



## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

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

SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

---

### REPORT ON EDUCATE A GIRL CHILD

**Introduction:** An initiative was taken by the Women In Engineering Affinity Group under IEEE – VBIT SB to enlighten the minds of girl children by creating awareness on how education helps to empower ourselves. This STAR program intended to redirect students who went astray in life and make them contemplate the future.

#### **Event Details:**

**Date:** 22<sup>nd</sup> January, 2017.

**Venue:** Sannihita Homes, Park lane, Secunderabad.

**About the venue:** The urge to strive for the betterment of girls who were abandoned by their parents gave birth to this exquisite idea of ‘Sannihita Homes’, where they also demonstrate on how to live a ferociously happy life.

**Timings:** 11:30 AM to 04:30 PM.

**Number of participants:** 50

**Faculty coordinator:** Mrs. K. Shirisha Reddy.

**Organizers:** WIE AG of IEEE – VBIT SB, 2016-2017.

#### **WIE Team:**

- ❖ Sai Prathibha - Chair Person
- ❖ Samhitha - Vice-Chair
- ❖ P. Vaishnavi - Secretary
- ❖ K. Utkarsh - Treasurer
- ❖ N. Tejasvi – Representative

### **Event description:**

- ❖ A detailed elaboration on how feelings get fluctuated in teenagers and addiction towards compelling things was given after a warm welcome by the girl children.
- ❖ As an ice breaking session, a total of *three* message oriented videos had been displayed and explained.  
*Five* related questions were asked for each, to improvise their memory and recollect the discussed concepts.
- ❖ The team enthralled students by giving relevant examples for the situations we encounter upon using bad language.
- ❖ An approximate of *fifteen* blurred pictures of illustrious personalities, celebrities and cartoons were projected. The students who guessed them were provided with goodies.
- ❖ Self-defense and self-protection are the most important priorities of women. The need to fight against perpetrators and keep us safe from danger was presented in detail.
- ❖ The atmosphere filled with motivation, need for education, courage, support encouraged girls in knowing more about life. Many doubts put forward by them were clarified in a precise way.
- ❖ The afternoon session was aimed at the communication skills of children. *Ten* interested students narrated stories in their best possible ways which depicted many morals. Out of which, a few were given certificates.
- ❖ To enhance students' personalities and to foster the actuality lies in speaking, a Just-A-Minute session was conducted. Out of *twenty* girls who showed interest in talking, top three prizes were given as a token of appreciation.

### **Review:**

The care takers extended their gratitude by giving a tap on the shoulders of the team. The event which was focused on the educational needs of girls in today's world turned out to be one of the most memorable. The in turn lesson taught by the home girls on humanity, discipline, friendship, love shook the souls.

The program ceased the negative thoughts from getting into the minds of those young girls. Instead, it helped in filling positivity in their hearts.

### **Budget:**

The total amount taken from the Student Branch was INR 1080.

The amount spent for the event was INR 1080.

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## EDUCATE A GIRL CHILD

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### Schedule:

Time	Session
11:30 AM – 11:45 AM	Introduction.
11:45 AM – 12:10 PM	Presentation on Teenage fluctuations.
12:10 PM – 12:30 PM	Display of 3 worth watching videos. ( <i>Ice breaking session</i> )
12:30 PM – 12:50 PM	Explanation on Bad language.
12:50 PM – 01:10 PM	Projection of blurred pictures. ( <i>Ice breaking session -2</i> )
01:10 PM – 01:30 PM	Elaboration on self-defense.
01:30 PM – 02:30 PM	Lunch
02:30 PM – 03:15 PM	Story telling session.
03:15 PM – 04:00 PM	JAM session.
04:00 PM – 04:30 PM	Valedictory

### Winners list:

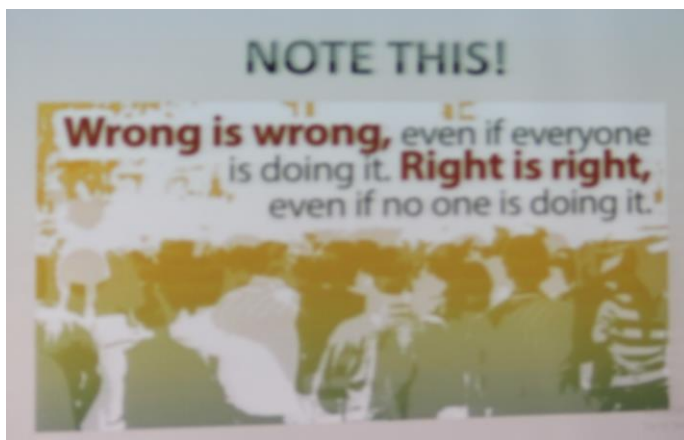
Name	Session	Prize
<i>K. Savitha</i>	<i>Story telling</i>	<i>First</i>
<i>Kavitha</i>	<i>Story telling</i>	<i>First</i>
<i>Nagalaxmi</i>	<i>Story telling</i>	<i>First</i>
<i>Navyasri</i>	<i>JAM session</i>	<i>First</i>
<i>Krishnaveni</i>	<i>JAM session</i>	<i>Second</i>
<i>Anjali</i>	<i>JAM session</i>	<i>Second</i>
<i>Preeti</i>	<i>JAM session</i>	<i>Third</i>
<i>Bhagya Laxmi</i>	<i>JAM session</i>	<i>Third</i>



**Volunteers:**

1. Pravalika CSE
2. Prasanna CSE
3. Vandhana EEE
4. Shradha EEE

**A few captured moments:**



**Memorabilia:**



*When we taught them all about life, they taught us what life is all about! Nostalgia!*

**A glimpse of their enthusiasm:**





**Their discipline and prayers to god for farmers:**



**Happiness while receiving certificates:**

*(Those moments when their eyes spoke)*





# EDUCATE A GIRL CHILD

## Sannihita Homes with WIE, IEEE – VBIT SB:





# REPORT

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## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

Aushapur (V), Ghatkesar (M), R.R. Dist- 501301

SCHOOL CODE:45893584 STUDENT BRANCH CODE:65451

### REPORT – IMAGE PROCESSING WORKSHOP

**Introduction:** The Department of ECE in collaboration with Communications Society under IEEE – VBIT SB took an initiative to organize a three day hands - on workshop on “Image Processing using MATLAB, Simulink and FPGA” for both faculty and students.

#### **Event Particulars:**

**Dates:** 17<sup>th</sup> January to 19<sup>th</sup> January, 2017.

**Timings:** 10:00 AM to 4:20 PM

**Venue:** Vignana Bharathi Institute of Technology

**Number of Participants:** 38

**Guest Lecturer:** Ms. S. Azarathamma

**Convener:** Dr. Pachara. V Rao

**Faculty Coordinator:** Mr. M. Praveen Kumar

**Branch Counselor:** Mr. M. Venkateshwara Rao

**Organizers:** Department of ECE, Communications Society.

#### **Event Description:**

The objective of this workshop focuses on new trends, techniques, developing skills and innovative ideas of image processing. It is intended to guide the young engineers and faculty members to inculcate the skills of applying the existing tools to serve the real time complications. VLSI tools help the society and country in developing innovative products in image processing and biomedical applications. This workshop aimed at making the participants aware of existing tools, the methodologies involved in it and how to relate them to the practical world.

# REPORT

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## **Schedule:**

The three day workshop followed the below sequential order:

### **Day 1:**

<b>Timings</b>	<b>Session</b>
9:45 AM – 11:00 AM	Inauguration
11:00 AM – 1:30 PM	Introduction to Image Processing and its Applications
1:30 PM – 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Introduction to MATLAB, Simulink Signal Processing
3:00 PM – 4:30 PM	Hands – on for Signal Processing and its Applications

### **Day 2:**

<b>Timings</b>	<b>Session</b>
9:45 AM – 11:00 AM	Introduction to MATLAB, Simulink Signal Processing
11:00 AM – 1:30 PM	Hands – on for Image processing and its Applications
1:30 PM – 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Introduction to Hardware Co-Simulation on FPGA
3:00 PM – 4:30 PM	Hands – on for Signal Processing On FPGA

### **Day 3:**

<b>Timings</b>	<b>Session</b>
9:45 AM – 11:00 AM	Introduction to FPGA Architecture
11:00 AM – 1:30 PM	Hands – on Signal and Image Processing On FPGA
1:30 PM – 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Real Time Applications on Image Processing
3:00 PM – 4:15 PM	Demo on Interfacing and Video Processing
4:15 PM – 4:30 PM	Valedictory & Vote of Thanks

# REPORT

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## **Speaker Profile:**

Ms. Azarathamma pursued her B.E, M. Tech from Vishwesvarayya Technological University. She is a research scholar from M.S VLSI Design centre, VTI, Bangalore and has given more than 25 workshops all over South India. She is a centre coordinator for MS. VLSI Centre, Bangalore.

Assisted by Abbas Hussain, Ms. Azarathamma has come all the way from VLSI Centre, Bangalore to deliver Hands – on workshop on Image Processing.

## **Event Characterization:**

### **Day 1:**

- ❖ The commencement of the workshop was done with a brief on introduction to VLSI, its importance and the real time operations.
- ❖ The difference between Analog and Digital systems – their relation with Signal Processing was stated to the participants.
- ❖ Basic Mathematical computations, Algorithmic development in MATLAB and Simulink were taught.
- ❖ Next level of examination of academic level was introduced by letting the participants solve various examples.

### **Day 2:**

- ❖ Image Processing using MATLAB is introduced in the first session which seemed to be intriguing as it is out of regular curriculum.
- ❖ The stages of processing an image and performing desired operations on it were illustrated.
- ❖ In the next session the difference between MATLAB and Simulink was elucidated and frequently used tools in Simulink were detailed.
- ❖ Performing of same operations on an image using Simulink was taught which reduced the stress of coding in MATLAB.
- ❖ The chronological order of linking Simulink to FPGA was explained in detail.
- ❖ Various examples like generation of sine wave, FDA, BPSK were done by the participants under the guidance of the speaker.
- ❖ Difference between various MATLAB versions was briefed about.

### **Day 3:**

- ❖ The procedure to simulate and synthesis a program in Xilinx was depicted by taking intelligible examples.



# REPORT

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- ❖ Sequence of interfacing the program with FPGA was clearly illustrated in an interesting way.
- ❖ SPARTAN – 3 and SPARTAN – 6 boards were utilized for processing purpose and the components on it were detailed.
- ❖ Step by step procedure of interfacing with SPARTAN - 6 was demonstrated.
- ❖ A demo on interfacing and Video Processing was shown which cleared all the doubts present in the minds of participants.

## **Overview:**

- Exuberant knowledge was gained by the participants because of hands – on experience with the tools used in the high level software.
- The workshop offered a giant opportunity to witness the eminent speaker, sharing knowledge with the young and aspiring minds.
- It encouraged the participants to choose a field among all the present technological developments and come up with new ideas.
- The ambiguous minds of under graduates were satisfied by the empirical study.
- A clear understanding on each software was developed and the ability to differentiate the methodologies applied was evolved.

## **COMSOC Team:**

- Harshitha Karna – Chair Person
- S. A. Wasim – Vice Chair
- P. Shravya – Secretary
- Poorna Chander – Treasurer
- Varshith Sharma – Representative

# REPORT

A few pictures from the event are presented below:

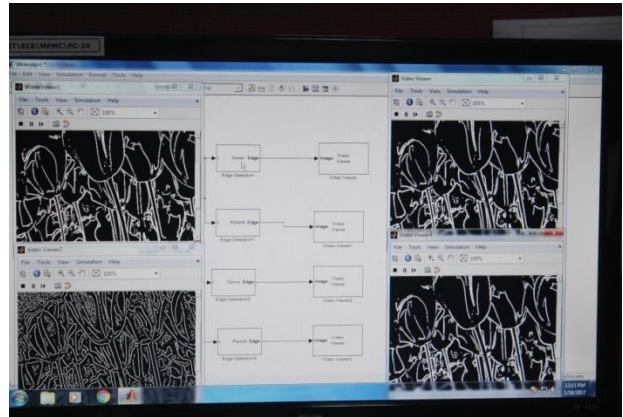
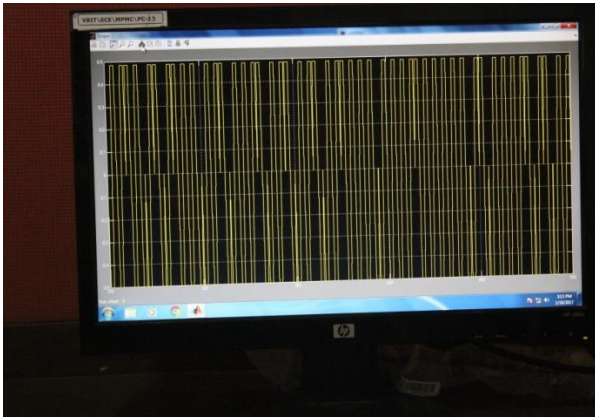
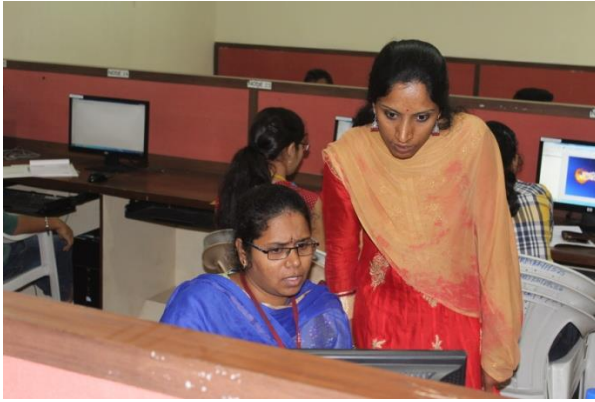


# REPORT





# REPORT





# REPORT



# REPORT



## Feedback Forms:

VIGNANA BHARATHI Institute of Technology  
Aushapur (V), Ghatkesar (M), R. R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**IEEE ComSoc**  
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

**FEEDBACK FORM**

Name: G. Aparna.  
Class/Year: Faculty ECE.

1. How will you rate the workshop?  
a) Excellent b)  Good c) Average d) Bad

2. Did the workshop reach your expectations?  
a) Yes b)  A little bit c) No

3. What was the part you liked the most in the workshop?  
hands on Workshop using matlab & Simulink tools.

4. Do you want to attend more events like this? Why?  
Yes as it is helpful for my research work.

5. Any Suggestions?  
Kindly provide list next of the topics that would be covered & handouts of the steps & instructions to work practically.

VIGNANA BHARATHI Institute of Technology  
Aushapur (V), Ghatkesar (M), R. R. Dist-501 301  
SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

**IEEE ComSoc**  
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

**FEEDBACK FORM**

Name: C. Vamsi Krishna  
Class/Year: III<sup>rd</sup> - II

1. How will you rate the workshop?  
a)  Excellent b) Good c) Average d) Bad

2. Did the workshop reach your expectations?  
a)  Yes b) A little bit c) No

3. What was the part you liked the most in the workshop?  
It was the part where image fusion was done

4. Do you want to attend more events like this? Why?  
Yes. I would want to know ~~if~~ the current technology the world works on

5. Any Suggestions?  
Could've been more hands on session if the board were upgraded.

# REPORT

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## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

Aushapur (V), Ghatkesar (M), R.R. Dist- 501301

**SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451**

### REPORT

#### Industrial Visit – BSNL, Gachibowli

#### **COMPANY PROFILE:**

RTTC – Hyderabad, is an ISO 9001:2008 certified prestigious Telecom Training Centre in Southern Region equipped with modern infrastructure to impart training at global standards in a most conducive environment with many laboratories containing not only latest telecom switching, transmission equipment, GSM equipment and computer & networking laboratories, but also has a facility to extend training on live systems wherever the training needs demand.

#### **EVENT DETAILS:**

With an aim of going beyond academics, Communications Society of IEEE – VBIT SB organized Industrial Visit to BSNL, Gachibowli for 4<sup>th</sup> year ECE students of Vignana Bharathi Institute of Technology.

**Date:** 1<sup>st</sup> October, 2016.

**Timings:** 10:15 AM to 1:50 PM.

**Venue:** BSNL, Gachibowli.

**Number of Students:** 40

**Faculty:** Mr. Bhaskar, Ms. Sri Lekha.

**Faculty Coordinator:** Mr. M. Praveen Kumar.

**Branch Counselor:** Mr. M. Venkateshwara Rao.



# REPORT

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## EVENT DESCRIPTION:

- ❖ As scheduled, the bus started from the boarding point i.e. Uppal, at 7:50 AM towards Gachibowli.
- ❖ The students reached RTTC – BSNL, Gachibowli by 9:30 AM and went around to have a look at the industry.
- ❖ The session started at 10:15 AM and the students were divided into 2 groups; each with one faculty member. Each group was sent to different labs, one after the other.
- ❖ During the visit, the following labs were shown to the students.
  1. Electronic switch (CDOT)
  2. Mobile networking/ GSM & WiMax BTS
  3. Optical fiber cable, SDH, DWDM systems
  4. Broadband & IPv4/ IPv6 / networking
  
- ❖ **CDOT (ELECTRONIC SWITCH):** The Center for Development of Telematics (C-DOT) is the telecom technology development center of the government, vested with full authority and total flexibility to develop state-of-the-art telecommunication technology to meet the needs of the Indian telecommunication network. C-DOT DSS MAX is a universal digital switch that can be configured for different applications as local, transit, or integrated local and transit switch.
  
- ❖ **MOBILE NETWORKING:** Mobile Networking is a communication which does not depend on physical connection needed between two communicating entities and have flexibility to move anywhere during communication is called mobile networking. The network can be that of any of the wireless communication technologies like GSM, CDMA, Wi-Fi, WiMax, or any other WAN (Wide Area Network).
  
- ❖ **OPTICAL FIBER CABLE, DWDM:** In fiber-optic communications, Dense Wavelength Division Multiplexing (WDM) is a technology which multiplexes a number of optical carrier signals onto a single optical fiber by using different wavelengths of laser light. This technique enables bidirectional communications over one strand of fiber, as well as multiplication of capacity.
  
- ❖ **BROADBAND & IPV4/ IPV6 /NETWORKING:** The term broadband commonly refers to high-speed Internet access that is always on and faster than the traditional dial-up access. Broadband includes several high-speed transmission technologies such as: Digital Subscriber Line (DSL) Cable Modem.
  
- ❖ The session ended at 2:00 PM followed by lunch and we left the place at 3:00 PM.

# REPORT

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## SCHEDULE:

Timings	Session
7:50 AM	Started at boarding point
9:30 AM	Reached RTTC,BSNL
10:15 AM – 2:00 PM	Visit to labs & Lectures
2:00 PM – 3:00 PM	Lunch
3:00 PM	Departure

## REVIEW:

It was a wonderful experience for all the students. They all learned much practical application of Networking, Wired communication system and much more. Students could get to see the industry equipment and their applications through this visit.

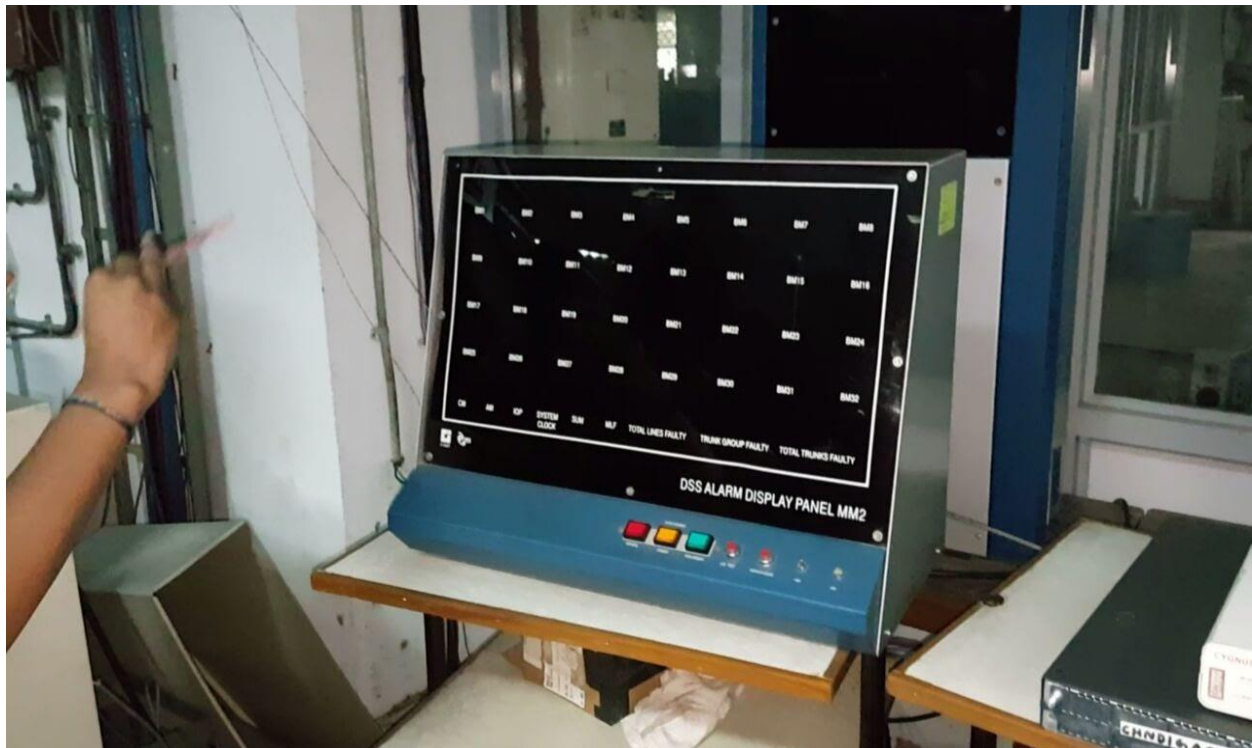
*See and know is better motto than read and learn.*

## A few photographs from the visit:



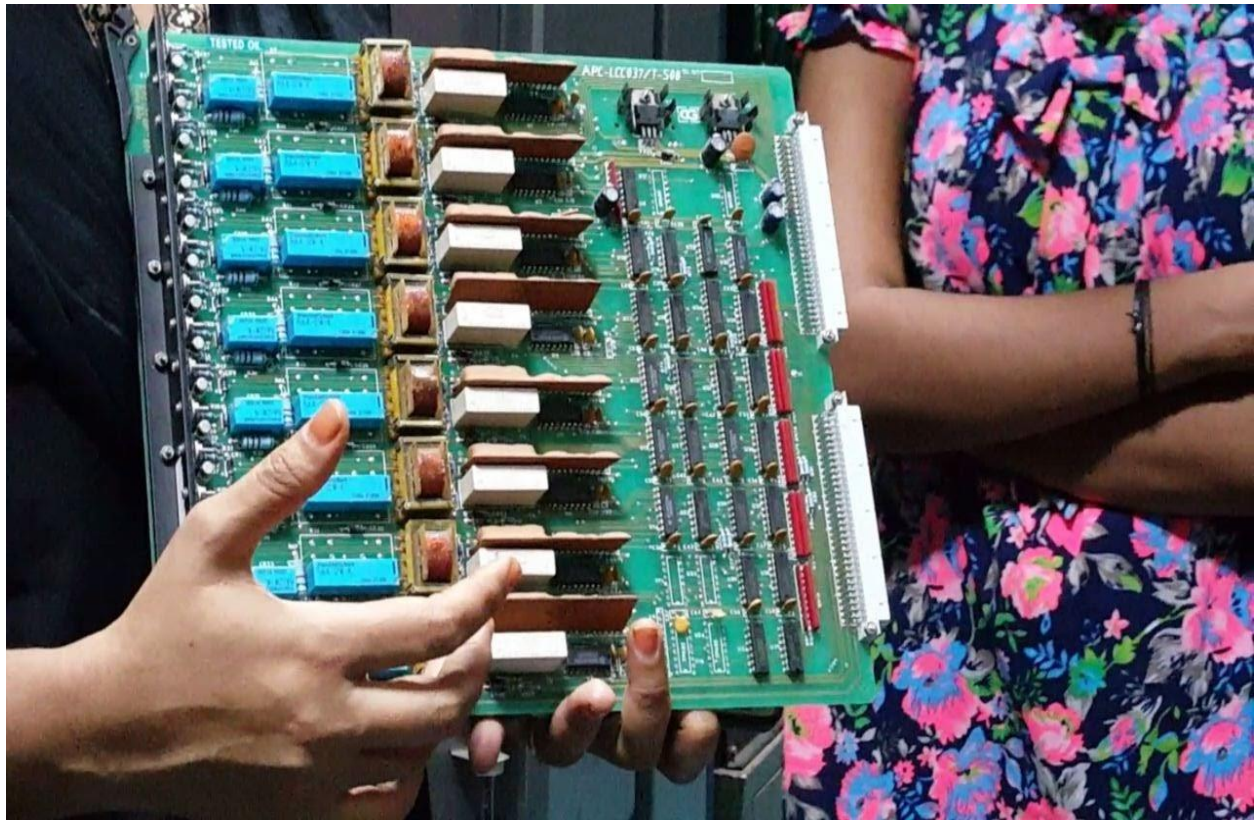


# REPORT



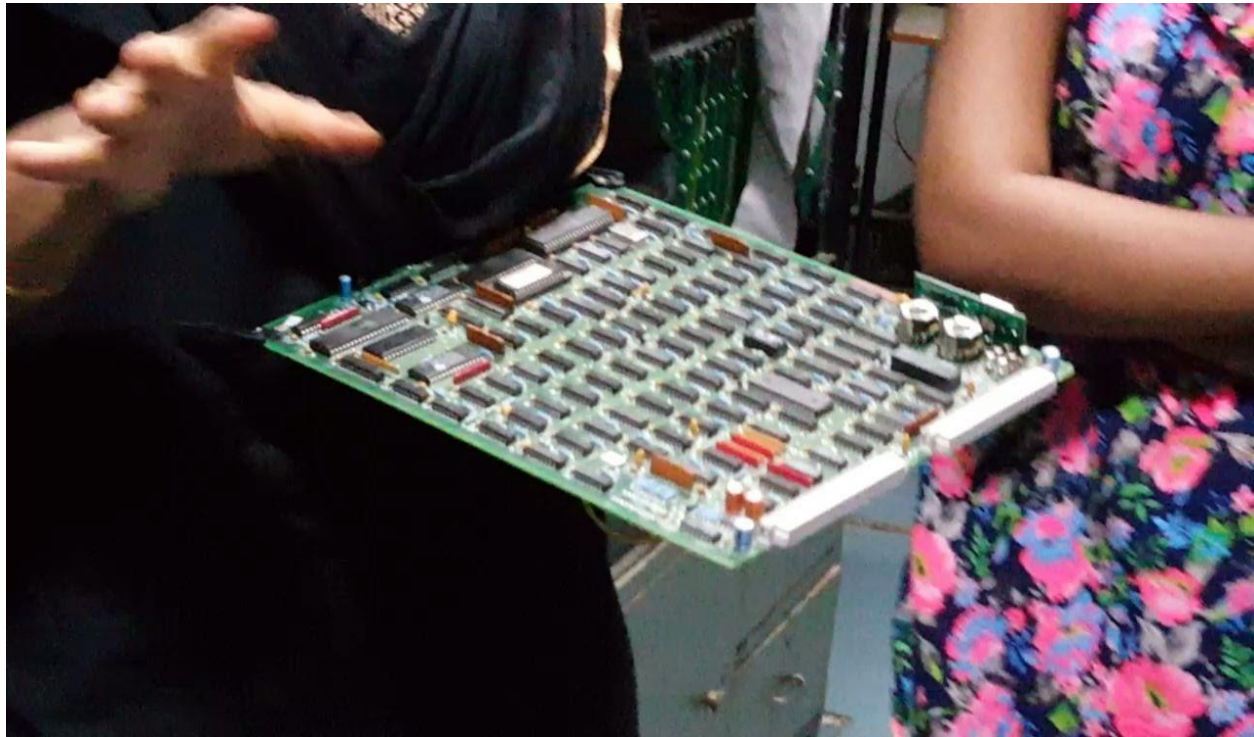


# REPORT





# REPORT



# REPORT

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## **EXECUTIVE COMMITTEE:**

1. K. Harshitha - Chair Person
2. S. A. Wasim - Vice Chair
3. P. Shravya - Secretary
4. K. Poorna Chander - Treasurer
5. A. Varshith Sharma - Representative



# 3D PRINTING WORKSHOP

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## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

Aushapur (V), Ghatkesar (M), R.R. Dist- 501301

**SCHOOL CODE:45893584    STUDENT BRANCH CODE:65451**

### REPORT ON 3D PRINTING WORKSHOP

#### EVENT DETAILS:

**Date:** 29<sup>th</sup> July, 2016.

**Timings:** 10:30 AM to 4:30 PM.

**Venue:** Vignana Bharathi Institute of Technology.

**Number of Participants:** 85

**Speaker:** Mr. Surendranath Reddy

**Branch Counselor:** Mr. M. Venkateshwara Rao

**Faculty Coordinator:** Ms. N. Indira Priyadarshini

#### EVENT DESCRIPTION:

The Computer Society chapter under IEEE – VBIT SB took an initiative to spread awareness among students on ‘3D printing’. 3D printing, also known as additive manufacturing, turns digital 3D models into solid objects by building them up in layers. This workshop became a platform for the participants to learn the fundamental concepts of 3D printing with great enthusiasm.

The event started with the team introducing our college’s dignitaries and the speaker to the learning enthusiasts which continued with an inaugural speech by our Principal in which he appreciated the forum for the conduction of workshop.

## 3D PRINTING WORKSHOP

---

Then the event was taken up by Mr. Surendranath Reddy, CEO of REDD.

- **Speaker's profile:** Mr. Surendranath Reddy has formulated concepts related to Harnessing the Dark Energy, Advanced memory algorithms for AI, EM waves for rocket propulsions, theories behind Time Travel, Automatic speed control systems for Automobiles etc. In 2013, he founded REDD Robotics, with primary focus towards Research & Development. In 2 years, REDD has ventured into multiple domains like Robotics, Automation, Embedded Systems, Internet of Things, Consumer Electronics & 3D Printing, operating across multiple cities in the country.

The workshop was categorized into two sessions.

### ❖ **Session 1:**

In the first session, the founder of REDD, Mr. Surendranath Reddy explained the concept of 3D printing, right from the history to the applications. A brief discussion went on for a few minutes. This session was totally an educational talk on 3D printing in which the speaker filled the minds of listeners with the fundamental concepts of 3D printing along with few basic concepts of CAD (Computer Aided Design).

### ❖ **Session 2:**

This was a hands-on session.

- The participants were taught and made to design few digital 3D models in SketchUp which is a 3D modeling software. He showed many 3D printed products which he had done earlier. He also explained about scanning individuals. To demonstrate it to the candidates more precisely, he took the scan of a person and gave a detailed description about the movements that can be made to the model while designing it.
- Many videos regarding various kinds of 3D printers were displayed.
- A clear picture about the topic was given by practically printing a few models.
- The participants could learn something different from the usual without losing their enthusiasm.

Later, all the attendees were given the certificates of accomplishment.

## 3D PRINTING WORKSHOP

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### **SCHEDULE:**

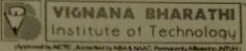
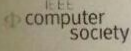

The schedule for the workshop is as follows:

<b>TIME</b>	<b>SESSION</b>
10:30 AM - 11:00 AM	Inaugural
11:00 AM – 11:30 AM	Introduction on 3D printing
11:30 AM – 12:00 PM	Scanning in 3D printing
12:00 PM – 01:00 PM	Computer Aided design
01:00 PM – 01:50 PM	Lunch
01:50 PM – 04:20 PM	<ul style="list-style-type: none"><li>• Slicing visualizing G code</li><li>• Simulating output.</li><li>• 3D printing design</li></ul>
04:20 PM – 04:30 PM	Valedictory



# 3D PRINTING WORKSHOP

## FEEDBACK FORMS:

**FEEDBACK FORM**

Name: M. Jaya Ramudu  
Year: II Branch: civil  
College: RGM CET

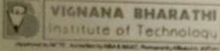
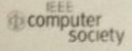

1. How would you rate the event?  
(a) Excellent (b)  Very Good (c) Good (d) Average

2. Did this event reach your expectations?  
(a) Excellent (b) Very Good (c)  Good (d) Average

3. Was the event useful?  
Yes

4. How would you rate the facilities?  
(a) 5 (b) 4 (c)  3 (d) 2 (e) 1

5. Suggestions:  
Try to conduct the 2 or 3 days,

**FEEDBACK FORM**

Name: V. Maneesha  
Year: IV Year Branch: MECH  
College: JNTUH-CES

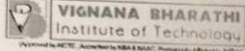
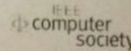

1. How would you rate the event?  
(a) Excellent (b)  Very Good (c) Good (d) Average

2. Did this event reach your expectations?  
(a) Excellent (b)  Very Good (c) Good (d) Average

3. Was the event useful?  
Designing side this event is useful for students

4. How would you rate the facilities?  
(a) 5 (b)  4 (c) 3 (d) 2 (e) 1

5. Suggestions:  
nothing, this is good

**FEEDBACK FORM**

Name: K. Shravya  
Year: 2nd year Branch: CSE-C  
College: VBIT

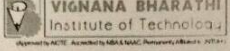
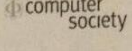

1. How would you rate the event?  
(a)  Excellent (b) Very Good (c) Good (d) Average

2. Did this event reach your expectations?  
(a)  Excellent (b) Very Good (c) Good (d) Average

3. Was the event useful?  
Yes - Beyond our expectations.

4. How would you rate the facilities?  
(a) 5 (b)  4 (c) 3 (d) 2 (e) 1

5. Suggestions:  
\_\_\_\_\_

**FEEDBACK FORM**

Name: G. Prabhateja  
Year: 4th year Branch: M.E  
College: Santhiram Engineering College

1. How would you rate the event?  
(a)  Excellent (b) Very Good (c) Good (d) Average

2. Did this event reach your expectations?  
(a) Excellent (b)  Very Good (c) Good (d) Average

3. Was the event useful?  
Yes

4. How would you rate the facilities?  
(a) 5 (b) 4 (c) 3 (d) 2 (e) 1

5. Suggestions:  
Conduct this type of events regularly,

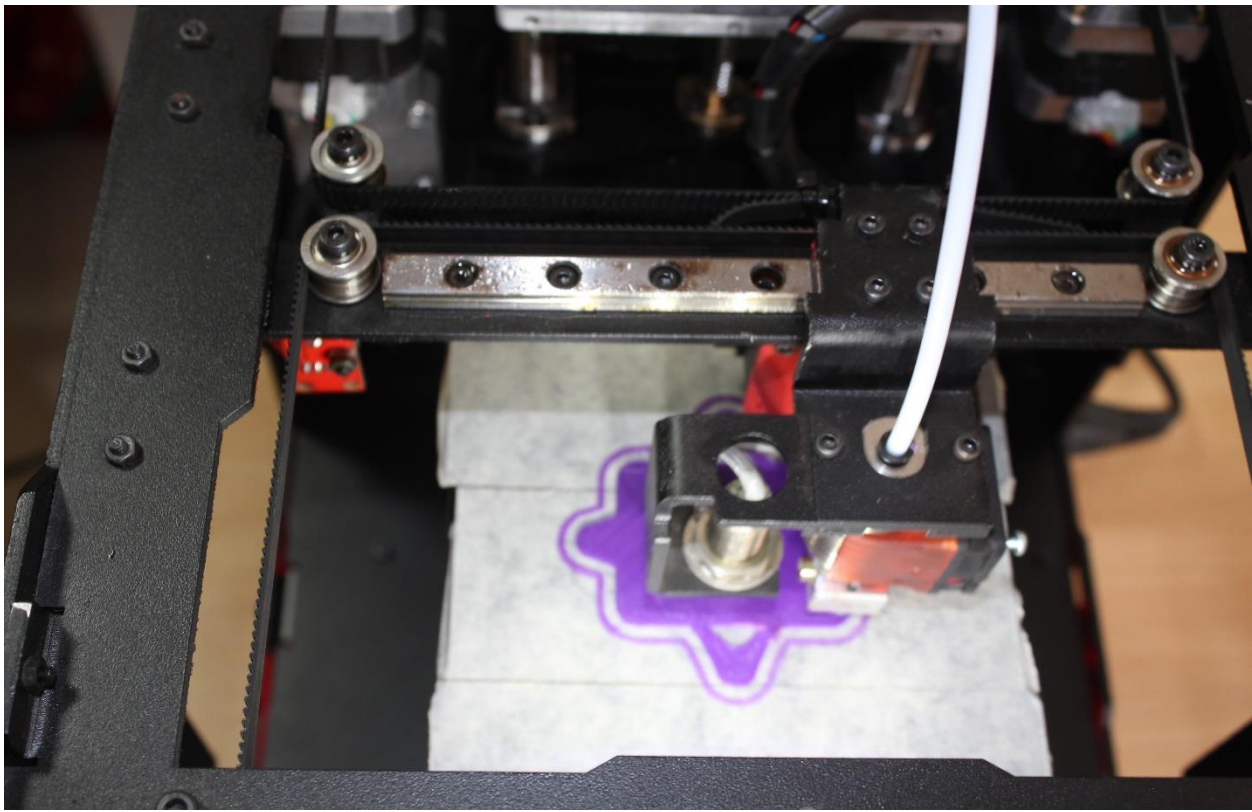
# 3D PRINTING WORKSHOP

## PHOTOGRAPHS OF THE WORKSHOP:



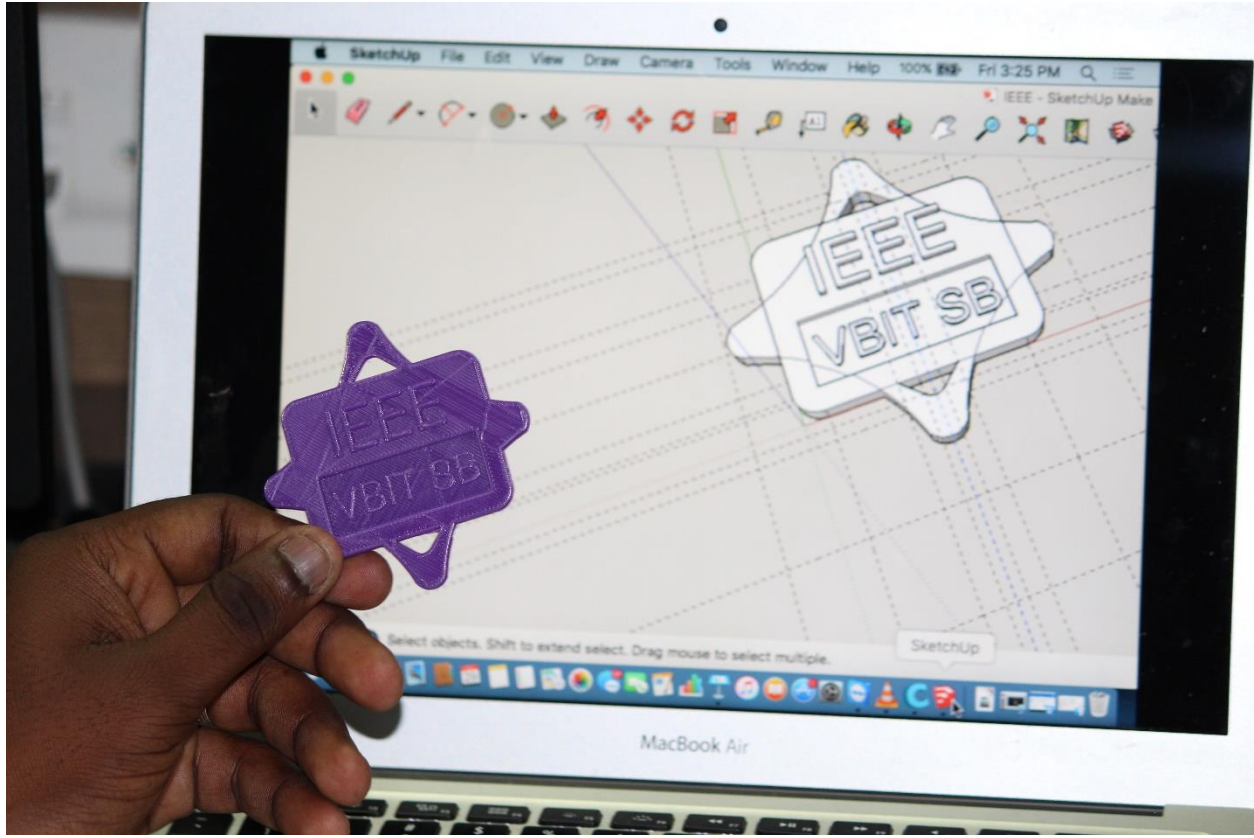


## 3D PRINTING WORKSHOP





# 3D PRINTING WORKSHOP



## 3D PRINTING WORKSHOP

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## 3D PRINTING WORKSHOP





## 3D PRINTING WORKSHOP

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### **ORGANIZERS:**

- I. Jithin Reddy - Chair Person
- M. Madhuri - Vice- Chair
- M. Sudeepti - Secretary
- Sai Kumar - Treasurer
- G. Suchetha - Representative

### **BUDGET:**

The total amount received from the Student Branch was INR 2200.

The amount spent for the event was INR 2700.

The balance amount of INR 500 is to be given by the SB to the team.

# REPORT

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## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

Aushapur (V), Ghatkesar (M), R.R. Dist- 501301

**SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451**

### REPORT – PALM

#### EVENT DETAILS:

**Date:** 22<sup>nd</sup> December, 2016

**Timings:** 11:00 AM to 4:40 PM

**Venue:** Vignana Bharathi Institute of Technology

**Number of Participants:** 40

**Speakers:** Prof. Atul Negi, Prof. S. Sudarshan Rao, Mr. Dhanu Pattanashetti

**Branch Counselor:** Mr. M. Venkateshwara Rao

**Organizers:** IEEE – VBIT SB, Library Management

#### EVENT DESCRIPTION:

PALM (Paper Authorization and Library Resources Management) is a state level workshop on “**Utilization of Library resources and Publishing in reputed journals**” conducted by IEEE – VBIT SB in collaboration with Library and Information Centre of VBIT. The workshop was held on 22<sup>nd</sup> December, 2016 in which professors, librarians and Ph. D aspirers from various institutions took part.

The event started soon after the delegates arrived and registered themselves followed by the inauguration. It was scheduled into three sessions in which the speakers individually enlightened the audience about the following topics.

# REPORT

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## 1. Prof. S. Sudarshan Rao:

How to use Library Resources in teaching, learning processes as well as in academic research.

## 2. Prof. Atul Negi:

Authorship and how to publish a research paper- manuscript structure, author tools, peer review and ethics.

## 3. Mr. Dhanu Pattanashetti:

Utilization of e-resources, IEEE Xplore digital library and guidelines on how to publish a quality technical paper.

### Detailed Description:

❖ **Speaker Profile: Prof. S. Sudarshan Rao**, B.Sc, M.A (Sociology), M.A (Journalism & Public relations), M.Li.Sc is presently the UGC Emeritus fellow and formerly ICSSR Senior Research Fellow. He was former Professor and Head of the Department of Library and Information Science in Osmania University with about 28 years of research experience. He has guided eight PhDs and 14 MPhil degrees and published 78 articles in various professional journals, conferences and seminar proceedings.

❖ **Brief of the lecture:** The speaker addressed the audience with much enthusiasm which cheered up all the attendees. He started his lecture by appreciating the college library for using advanced technologies for making library resources available for everyone. The audience was made aware of effective use of library resources. He briefed upon the transformation of libraries from physical to digital, shelf based to web based, printed resources to e-resources and also on various kinds of resources which include both printed and electronic resources. The audience was also informed about various Open Access Journal Search Engines like e- Patashala, DOAJ, ebrary and many more. His session ended by a motivating statement which is as follows:

*“Library stands as a gateway for knowledge”*

❖ **Speaker Profile: Prof. Atul Negi** is currently working at University of Hyderabad in Department of Computer and Information Sciences. His service activities involve serving on various committees at the Department and also to the academic community in terms of evaluation of Masters and PhD research reports. He was



## REPORT

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the SEC member followed by being the Chairman at Hyderabad Section and also worked as Vice Chairman – SAC.

- ❖ **Brief of the lecture:** His session was immensely useful for faculty, students and for those who are aspiring to be authors. The audience was instructed to follow ethics and to use the references where ever needed. He suggested few processes to be followed while publishing an IEEE paper which involves using of IEEE template, acknowledgements, giving credits to ground resources. He advised to read and know more about researches of popular scientists which would assist their own research.
  
- ❖ **Speaker Profile:** **Mr. Dhanu Kumar Pattanashetti** is the client services manager at IEEE and works with IEEE Xplore Digital Library customers throughout India and handles IEEE Xplore training and presentations. He closely works with libraries in universities and corporate sectors and advises effective data use for their endeavors.
  
- ❖ **Brief of the lecture:** Mr. Dhanu completely focused on publishing qualities of IEEE paper in the first one hour. The audience got to know that instead of traditional topics, IEEE publications are even done in Management science, Nursing, Biomedical and many unusual topics which have great impact on the readers. He advised the audience to perceive knowledge from IEEE journals whose access is open. The quality required for publishing in IEEE is understood by the fact that only 10% of papers submitted are published finally.
  
- ❖ He advised to use IEEE Xplore which has 40 million documents with many benefits. The complete operation of IEEE Xplore was instructed to the participants which made them aware on usage of each tool clearly. He let the audience knew about added sections in IEEE Xplore which are IEEE elearning and English for Engineering for technical communication. Through his lecture, the participants got to know that *IEEE Quality makes impact*.
  
- A meet with the members of student branch has also been held in which the skills necessary for students to be recruited in jobs were notified by Mr. Dhanu. Contributions of many people across the world were also told.

## REPORT

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❖ **The workshop was scheduled in the following way:**

<b>Timings</b>	<b>Session</b>
11:00 AM – 11:30 AM	Inaugural
11:30 AM – 12:35 AM	Lecture on “How to use Library Resources effectively?” by, Prof. S. Sudarshan Rao
12:35 PM – 12:40 PM	High tea & Networking
12:40 PM – 01:40 PM	Lecture on”Authorship and how to publish Research paper” by, Prof. Atul Negi
01:40 PM – 02:240 PM	Lunch
02:40 PM – 04:00 PM	Lecture on “Utilization of e-resources” by, Mr. Dhanu Pattanashetti
04:00 PM – 04:15 PM	Panel Discussion
04:15 PM – 04:30 PM	Valedictory and Vote of thanks

- After the completion of all the sessions, certificates were given to the attendees as a token of Completion.
- The event was successfully completed as scheduled, by accomplishing its motto by filling the minds of participants with a clear idea on how to publish an IEEE Paper.

### **REVIEW:**

The session was a productive one which encouraged students as well as professionals to present papers and journals and to publish them. It also had a profound insight towards the depths of utilizing library resources effectively. This workshop has intended to be a platform to all technology professionals with an

## REPORT

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interest in learning how to publish with IEEE and share their research with the scholarly community.

- ❖ Few pictures from the workshop are shown below:





# REPORT

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# REPORT





# REPORT



## **BUDGET:**

- ❖ The total amount received from the Student Branch was INR 9,000.
- ❖ The amount spent for the event was INR 9,000.
- ❖ Therefore, there is no balance amount required.





**VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY**  
Aushapur (v), Ghatkesar (M), R.R Dist-501 301  
**SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451**

## **REPORT ON STEP PROGRAM**

### **EVENT DETAILS:**

**Title:** STEP – Student Transition and Elevation Partnership.

**Date:** 02<sup>nd</sup> July, 2016.

**Venue:** Chethana Auditorium, VBIT campus.

**Number of Attendees:** 150

**Branch Counselor:** Mr. M. Venkateswara Rao.

### **Chief Guests:**

Dr. Lakshmi Narayana Sir, Chairperson of IEEE Hyderabad Section.

Mr. Vinit Kumar Gunjan, Chairperson of IEEE Young Professionals.

### **Honorable Speakers:**

- 1) Mr. Bhudeb Chakravarthi, Founder President, Center for Development of Excellence.
- 2) Sri Charan Lakkaraju, CEO of a Startup – StuMagz.
- 3) Ms. Preeti Kovvali, Young Professionals MGA Representative (Region 7-10).
- 4) Mr. Madhav Negi, Chairperson, Membership Development Committee, IEEE Hyderabad Section.

### **Organizers:**

Young Professionals Hyderabad Chapter in collaboration with IEEE - VBIT SB [2016-17].

### **Young Professionals Hyderabad Chapter – Attendees:**

Vamsi J Krishna, Vice Chair of Zonal activities.

John Benedict, Secretary.

Meghna Naidu, Treasurer.

### **Introduction:**

STEP is a program intended to introduce the opportunities and benefits of IEEE membership during the onset of a career. IEEE Young Professionals Chapter Hyderabad has conducted several successful STEP events in the last years and this year Young Professionals Chapter in collaboration with IEEE - VBIT SB organized the STEP with interesting sessions, leadership talks and talks about Startups to help students grow in their professional career.

### **Overview:**

The event started with a brief note to the attendees, about the STEP program followed by the lightening of the lamp.

The dignitaries of the college - Chairman – Dr. N. Gautham Rao, The Principal – Dr. Amarendar Rao, the Branch Counselor of IEEE - VBIT SB – Mr. M. Venkateshwara Rao and Dr. C. R. N. Sharma Sir – Director of Student Affairs welcomed the Chief guests and shared their thoughts.

It was an honor for the attendees of STEP to hear from **Dr. Lakshmi Narayana Merugu, the Chair of IEEE Hyderabad Section.**

### **Session 1:**

*Talk by Mr. Bhudeb Chakravarti, Founder President, Center for Development of Excellence.*

Having worked in prestigious establishments with a professional experience of 30 years, Mr. Bhudeb Chakravarti shared his views on how to survive in this competitive world. His talk mainly focused on work ethics and how to develop professionalism which is much needed.

By the end of his session, he was successful in inspiring the young minds and helped them in understanding the importance of employability skills there by justifying the purpose of the event.

A token of gratitude was presented to Mr. Bhudeb by Dr. C. R. N. Sharma. Director of student affairs – VBIT.

### **Session 2:**

*Talk by Sri Charan Lakkaraju, CEO of a renowned Startup – Stumagz!*

Being an Engineering student himself, Mr. Sri Charan Lakkaraju talked about an Engineer's life in general and shared his experiences in the best way possible. He also talked about his Startup and shared his views in various regards. His quirky notions with the touch of an incredible sense of humor grabbed the attention of the dignitaries and students alike.

In his very own way, he tried to inculcate *out of the box thinking* in students and revived the thoughts of the audience.

By the end of his talk, he was successful in awe-inspiring the audience and also lightened the atmosphere of the auditorium. A token of gratitude was presented to Mr. Sri Charan Lakkaraju by our Branch counselor – Mr. M. Venkateshwara Rao.

### **Session 3:**

#### ***Talk by Ms. Preeti Kovvali, Young Professionals MGA Representative.***

Preeti Kovvali talked about the benefits of being a member of Young Professionals. She gave an insight on all the IEEE Regions and its activities. Also, she shared her experiences of being associated with IEEE for nearly 10 years. She interacted with the audience and clarified their queries effortlessly.

At the end of her talk, the rest of the speakers also pitched in and shared their experiences as well. Being a successful woman herself, Miss Preeti Kovvali set an example and remained as an inspiration.

A token of gratitude was presented to her by our Branch Counselor, Mr. M. Venkateshwara Rao.

### **Session 4:**

#### ***Membership Development Program by Madhav Negi, Chairperson, Membership Development Committee, IEEE Hyderabad Section.***

Mr. Madhav Negi took over the Post-lunch session. He talked about the student member benefits and gave an insight on the importance of being an IEEE member. His interactive session was successful in arousing interest on IEEE among the audience.

A token of gratitude was presented to Mr. Madhav Negi by our Principal – Dr. Amarendra Rao Sir.

#### ***Reminiscing the Alumni of VBIT!***

Videos of Akshita Gulati, Vamsi J Krishna and Prathik Abhyankar – the Alumni of VBIT and vibrant volunteers of IEEE sharing their experiences were played in the auditorium. Their words helped the Non - IEEE members understand the importance of being an IEEE member.



### ***Congratulating Akshita Gulati, recipient of the REM Scholarship.***

Akshita Gulati, the alumna of VBIT has been an active volunteer at IEEE - VBIT SB, IEEE India council level, a student member at section level and also a student ambassador for IEEE Xtreme.

She has been the recipient of the *Richard. E. Merwin Scholarship* for her excellence in academics and exemplary involvement in student chapter activities.

She was presented with a token of appreciation by our Principal, Dr. Amarendar Rao and then she expressed her thoughts in this regard.

### ***Congratulating Chaitanya Gurla, Former Chair of WIE AG, IEEE VBIT SB.***

It was an honor for the Student Branch when the Women in Engineering Affinity Group of IEEE - VBIT SB has been the recipient of the *2015 WIE Student Branch Affinity Group of the year award*.

The WIE Affinity Group (2015-16) has conducted successful events under the guidance of Chaitanya Gurla.

Hence she was presented with a token of appreciation on this outstanding achievement that involved a great deal of team work.

Miss. Chaitanya Gurla shared her experiences and journey with IEEE and the Executive Committee of IEEE - VBIT SB (2015-16) celebrated the moment.

### ***Valedictory:***

John Benedict, the Secretary of Young Professionals Hyderabad Chapter shared his thoughts with the attendees.

Also, a token of gratitude was presented by our Principal Dr. Amarendar Rao Sir to:

- Mr. Vinit Kumar Gunjan, the Chair of Young Professionals Hyderabad Chapter.
- Vamsi J Krishna – the Vice chair at Young Professionals Hyderabad Chapter and alumnus of VBIT.
- John Benedict – the Secretary of Young Professionals Hyderabad Chapter and alumnus of VBIT.

Miss Meghna Naidu – the Treasurer of Young Professionals Hyderabad Chapter was also presented with a token of gratitude by our Branch counselor, Mr. M. Venkateshwara Rao.

The event came to an end successfully with the vote of thanks.

## STEP - Report

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### Schedule:

<b>Timings</b>	<b>Sessions</b>
10:00 A.M – 10:30 A.M	Guest arriving at the host college
10:30 A.M – 10:45 A.M	Inaugural function which includes lightening of lamp, talks by the host college management & invited speakers
10:45 A.M – 11:00 A.M	Address by Dr. Lakshminarayana Merugu, Chair, IEEE, Hyderabad Section
11:00 A.M – 11:40 A.M	Talk by Mr. Bhudeb Chakravarti, Founder President, Center for Development of Excellence.
11:40 A.M – 12:45 A.M	Talk by Sri Charan Lakkaraju, CEO of Stumagz
12:45 P.M – 01:30 P.M	Talk by Ms. Preeti Kovvali, Young Professionals MGA Representative (Region 7-10)
01:30 P.M – 02:20 P.M	Break for Lunch
02:20 P.M – 03:30 P.M	Membership Development Program by Madhav Negi, Chairperson, Membership Development Committee, IEEE Hyderabad Section
03:30 P.M – 04:20 P.M	Congratulating the alumni of VBIT and Valedictory session

**Pictures of the Event:**









**A complete picture with all the STEP attendees**



# STEP - Report





### *Congratulating the Alumni:*



### *Review:*

The Student Transition and Elevation Partnership Program by IEEE - VBIT SB in collaboration with Young Professionals Hyderabad Chapter has resulted in a successful outcome. The talks of various eminent speakers played a phenomenal role in reviving the minds of students with positivity and motivation.

On the whole, the STEP helped the attendees to discern the importance of IEEE membership during and after their graduation. It provided them an opportunity to enhance their employability skills and the event reached out to standards beyond their expectations. Thus, the students could make the most of the event making it a huge success.

# REPORT ON TECHNICAL GABFEST

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

**SCHOOL CODE : 45893584    STUDENT BRANCH CODE: 65451**

## **REPORT ON TECHNICAL GABFEST**

### **EVENT DETAILS**

**Title:** Technical Gabfest

**Date:** 20<sup>th</sup> and 21<sup>st</sup> January, 2017

**Timings:** 10:00 AM - 04:20 PM

**Venue:** Chethana Auditorium

**Participants Attended:** 84

**In Collaboration with:** EEE Department

**Faculty Coordinator:** Mr. V. Jeetender

**Branch Counsellor:** Mr. M. Venkateshwara Rao

### **Organizers:**

D. Avinash Goud –Chairperson

T. Pranav                – Vice- Chair

K. Dharanikumar – Secretary

G. Sai Tejaswini – Treasurer

B. Surya Dhanush – Representative

# REPORT ON TECHNICAL GABFEST

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## Introduction:

Technical Gabfest is a great platform mainly focused on the “Emerging Trends in Science and Technology” through panel discussions by various keynote speakers. The main objective of the Technical Gabfest is to expose the participants to the trending technologies in the current scenario and to provide a thought provoking session among the participants related to their projects.

## Schedule:

### Day 01 - 20<sup>th</sup> January, 2017

Timings	Sessions
09:30 A.M – 10:20 A.M	Registrations and Guest arriving at the host college
10:20 A.M – 11:30 A.M	Inaugural function which includes lightening of lamp, talks by the host college management
11:30 A.M – 01:00 P.M	Address by Mr. PSV. Kisshhan, CEO& Founder of H-Bots PVT LTD
01:00 P.M.– 02:00 P.M.	Break for Lunch
02:00 P.M – 04:20 P.M	Session by Mr. Yashpal K Sihag Senior Manager -Training and Development at CAP Foundation

END OF DAY -01



# REPORT ON TECHNICAL GABFEST

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**Day 02 - 21<sup>st</sup> January, 2017**

Timings	Sessions
10:00 A.M – 10:20 A.M	Introduction to the Second Day of the Event
10:20 A.M – 12:00 P.M	Sessions by The Scientists of DRDL, Hyderabad
12:00 P.M – 01:00 P.M	Address by Guest Shri. A. Raju Project Director, SFDR, DRDL, Hyderabad
01:00 P.M.– 02:00 P.M.	Break for Lunch
02:00 P.M – 03:30 P.M	Journey of PES IEEE-VBIT SB, followed by Address by the Alumni of PES IEEE – VBIT SB
03: 30 P.M. – 04:00 P .M	Surprise Events
04:00 P.M. – 04:30 P.M	Valedictory Session

## Overview:

The event started with a brief note to the participants about “TECHNICAL GABFEST” and it is followed by lightning of the lamp.

Dignitaries of the college- Prinicpal – Dr. D. Amarender Rao, Dean of Academics- Dr. D. Devendranath, Director of R & D - Dr. D. Gopa Dutta, Branch Counsellor of IEEE – VBIT SB - Mr. M. Venkateshwara Rao, Head of EEE Department - Dr. K. Neelima, Faculty Coordinator for PES | IEEE – VBIT SB - Mr. V. Jeetender welcomed the Chief guests and shared their views on conducting the “Technical Gabfest”.

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# REPORT ON TECHNICAL GABFEST

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## Day 01

### Session 1:

*A talk by Mr. PSV Kisshhan, CEO & Founder of H-BOTS PVT LTD*

Following the inaugural session, Young entrepreneur Mr. PSV Kisshhan has started his session by narrating his autobiography to the participants and also the consequences he faced during his career. Later, he focused on about “Robotics and its Future”. In his technical session he explained about the trending robotic technologies and its applications.

In the end he was presented a Memento as a token of gratitude by faculty coordinator of PES | IEEE – VBIT SB – Mr. V. Jeetender.

*“Mr. PSV. Kisshhan has offered internship to the participants in his own company as a token of gratitude “*

As soon as the Session Completed, the organizing committee announced about Selfie Challenge for the participants which was to be followed by certain rules.

### Session -2:

*A talk by Mr. Yashpal K Sihag, Senior Manager in Training & Development at CAP Foundation.*

Yashpal K Sihag started his session on employability opportunities. He also explained participants about dealing a situation without losing once temper. He acknowledge psychologically varied situation and his perspectives on them. There was a lot of interaction between him and the participants.

Thus, the end of the Day -01.

## DAY- 02

### Session 1:

*A Talk by A. Raju – Senior Scientist at DRDL On “Missile”.*

Mr. A. Raju –Senior Scientist at DRDL started his session by giving brief introduction on Rocket Science and later he explained Missile related to the same. He discussed his application and also showed some videos of it .

# REPORT ON TECHNICAL GABFEST

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## **Session 2:**

*A Talk by Ghanji Shyam Sundar – Junior Scientist at DRDL on “Telemetry”*

Mr. Ghanji Shyam Sundar – Junior Scientist explained about the “Telemetry” principle, its applications, pros and cons in the present science industry in detail. He highlighted that “Telemetry” is the most used technic in the current scenario.

## **Session – 3:**

*A Talk by Mr. Srikanth Srivastav – Junior Scientist at DRDL on “Missile system design and it application on Guidance and Control”*

Mr.Srikanth Srivastav addressed the participants on “Missile System Design and its Application on Guidance and Control”. He has given a thought provoking session regarding the missile strength, design features to be considered and also it’s trajectory path in brief. He started interaction with the participants regarding the missile cost, height and about upcoming future advanced missiles.

He also explained participants about the technology used in the missiles, ways of communication protocols and remote control.

## **Surprise Events**

It includes presentation about PES achievements and Ice Breaking Session.

## **Session 4:**

*“Presentation about PES achievements, given by Surya Dhanush- Representative for PES”*

Surya Dhanush started his session with introduction to PES establishment in VBIT College and explained about the achievements by VBIT vibrant volunteers.

## **Session 5:**

*Ice Breaking Session given by Ms. Shradda – Volunteer For PES*

After accomplishment of session 4, Ms. Shradda – Volunteer For PES, started her interactive session with the participants, through technical questions.

After the completion of the icebreaking session, PES organizing committee announced the Selfie Challenge Winners by presenting a token of gratitude.



# REPORT ON TECHNICAL GABFEST

## Feedback:

VIGNANA BHARATHI  
Institute of Technology

PES

**FEEDBACK**

- How was the event?  
 a) Excellent  b) Good  c) Average  d) Bad
- How useful do you find the information presented in the event?  
 a) Useful  b) Not useful
- Your overall experience at the event?  
a) Excellent  b) Good  c) Average  d) Bad
- How was the event organization?  
 a) Excellent  b) Good  c) Average  d) Bad
- What could we have improved?  
—
- What problems did you face in the event?  
No problem
- Any suggestions for future event topics?  
Better to conduct both technical as well as personal development topics
- Based on your experience at this event, how likely are you to attend future events.  
I am interested to attend future events
- Do you have any additional feedback?  
—
- How did you come to know about the event?  
By friends

VIGNANA BHARATHI  
Institute of Technology

PES

**FEEDBACK**

- How was the event?  
a) Excellent  b) Good  c) Average  d) Bad
- How useful do you find the information presented in the event?  
a) Useful  b) Not useful
- Your overall experience at the event?  
a) Excellent  b) Good  c) Average  d) Bad
- How was the event organization?  
 a) Excellent  b) Good  c) Average  d) Bad
- What could we have improved?  
Better
- What problems did you face in the event?  
—
- Any suggestions for future event topics?  
Importance of Sports.
- Based on your experience at this event, how likely are you to attend future events.
- Do you have any additional feedback?  
—
- How did you come to know about the event?  
Volunteers

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Institute of Technology

PES

**FEEDBACK**

- How was the event?  
a) Excellent  b) Good  c) Average  d) Bad
- How useful do you find the information presented in the event?  
 a) Useful  b) Not useful
- Your overall experience at the event?  
a) Excellent  b) Good  c) Average  d) Bad
- How was the event organization?  
a) Excellent  b) Good  c) Average  d) Bad
- What could we have improved?  
—
- What problems did you face in the event?  
None
- Any suggestions for future event topics?  
—
- Based on your experience at this event, how likely are you to attend future events.  
—
- Do you have any additional feedback?  
—
- How did you come to know about the event?  
From my seniors & friends

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Institute of Technology

PES

**FEEDBACK**

- How was the event?  
 a) Excellent  b) Good  c) Average  d) Bad
- How useful do you find the information presented in the event?  
 a) Useful  b) Not useful
- Your overall experience at the event?  
b) Excellent  b) Good  c) Average  d) Bad
- How was the event organization?  
 b) Excellent  b) Good  c) Average  d) Bad
- What could we have improved?  
—
- What problems did you face in the event?  
—
- Any suggestions for future event topics?  
Expecting more technical events
- Based on your experience at this event, how likely are you to attend future events.  
Yes, I want to appear in future events
- Do you have any additional feedback?  
—
- How did you come to know about the event?  
Facebook post (my friend shirisha) Visit college.

# REPORT ON TECHNICAL GABFEST

VIGNANA BHARATHI  
UNIVERSITY OF TECHNOLOGY

PES

**FEEDBACK**

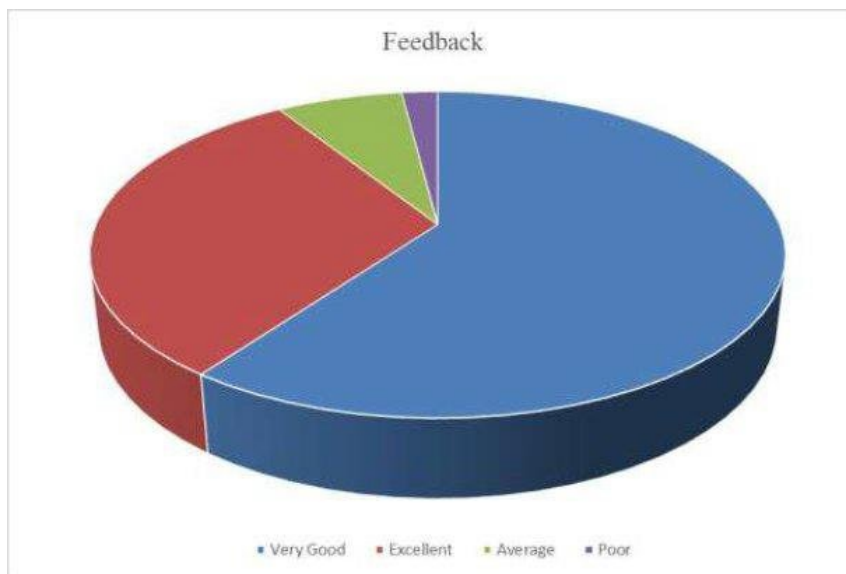
- How was the event?  
b) Excellent  a) Good c) Average d) Bad
- How useful do you find the information presented in the event?  
 Useful b) Not useful
- Your overall experience at the event?  
b) Excellent  a) Good c) Average d) Bad
- How was the event organization?  
 Excellent b) Good c) Average d) Bad
- What could we have improved?  
Hope you will provide tea and snacks.
- What problems did you face in the event?  
NO Snacks
- Any suggestions for future event topics?  
Yashpal sir session was excellent. Hope some more sessions as like.
- Based on your experience at this event, how likely are you to attend future events.  
80% I will attend
- Do you have any additional feedback?  
I suggest you to advertise more about events when you conduct them.
- How did you come to know about the event?  
my friend informed me about it

VIGNANA BHARATHI  
UNIVERSITY OF TECHNOLOGY

PES

**FEEDBACK**

- How was the event?  
 Excellent b) Good c) Average d) Bad
- How useful do you find the information presented in the event?  
 Useful b) Not useful
- Your overall experience at the event?  
b) Excellent  a) Good c) Average d) Bad
- How was the event organization?  
 Excellent b) Good c) Average d) Bad
- What could we have improved?
- What problems did you face in the event?  
Nothing.
- Any suggestions for future event topics?  
Events of electrical & electronic engineering
- Based on your experience at this event, how likely are you to attend future events.  
It is very useful, & interesting to attend the events.
- Do you have any additional feedback?  
To conduct more events.
- How did you come to know about the event?  
Whatsapp, facebook (my friend)



# REPORT ON TECHNICAL GABFEST

## Photographs of the Event:



Lightning of the Lamp



A Talk by Head of EEE Department- Dr. K. Neelima, Branch Counsellor of IEEE - VBIT SB – Mr. M. Venkateshwara Rao



## REPORT ON TECHNICAL GABFEST

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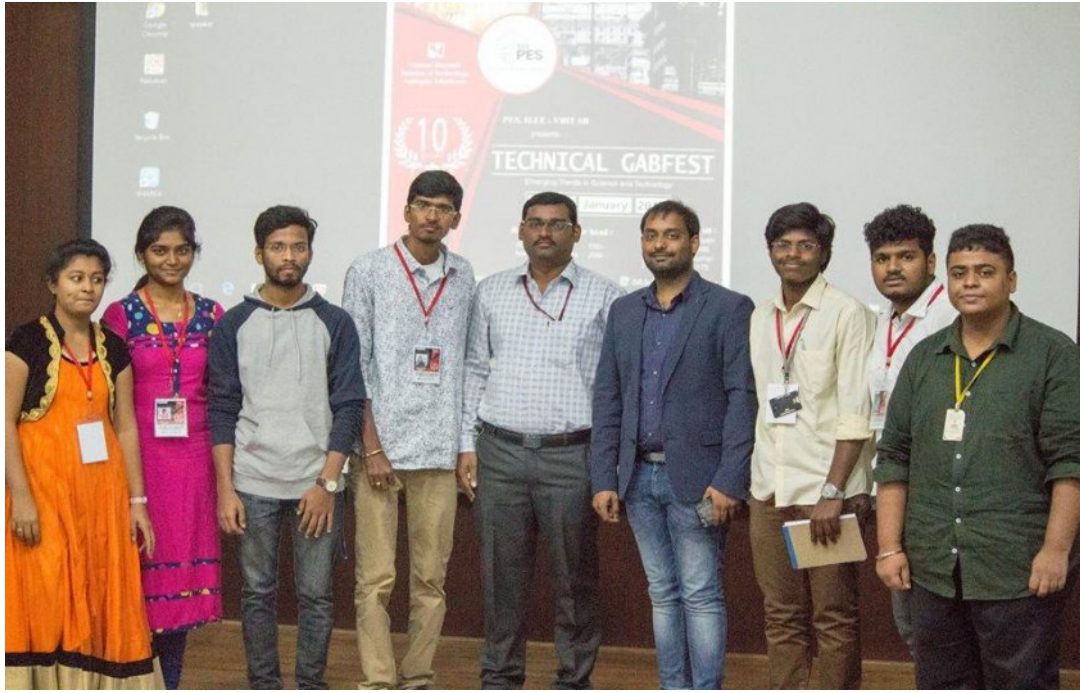
Dias Addressed By College Management and Chief Guest



Memento presented by Faculty Coordinator of PES | IEEE – VBIT SB to Mr. PSV. Kisshhan

# REPORT ON TECHNICAL GABFEST

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Pic with Organizing Team and H-BOTS Founder



Group Pic with Yashpal K Sihag



## REPORT ON TECHNICAL GABFEST

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Session Delivered by Mr. A. Raju



Interactive Session by Mr. Ghanji Shyam Sundar



Mr. Srikanth Srivastav clarifying participants doubts



## REPORT ON TECHNICAL GABFEST

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Presentation given by Mr. Surya Dhanush – Representative For PES



Ice Breaking Session by Ms. Shradda



Selfie Challenge Winner

# REPORT ON TECHNICAL GABFEST

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Participant's Signatures





## REPORT ON TECHNICAL GABFEST

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Participants



DRDL Speakers



## REPORT ON TECHNICAL GABFEST

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Group Pic with Other College Participants



Group Pic of Entire PES Organizing Team