

BMS INSTITUTE OF TECHNOLOGY &  
MANAGEMENT  
AVALAHALLI, YELEHANKA BENGALURU

– 64

DEPARTMENT OF INFORMATION  
SCIENCE AND ENGINEERING

# **BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT**



## **VISION**

To emerge as one of the finest technical institutions of higher learning, to develop engineering professionals who are technically competent, ethical and environment friendly for betterment of the society.

## **MISSION**

Accomplish a stimulating learning environment through high quality academic instruction, innovation and industry-institute interface.

## **ABOUT INSTITUTION**

In view of the growing demand for technical education and with the goal of establishing a premier technical education on par with international standards, a new technical institution by name 'BMS Institute of Technology and Management' was established in 2002. Currently, BMSIT & M offers seven UG, three PG programs and Ph.D. /M.Sc. (Engg.) in seven disciplines. BMSIT & M considers research to be of equal importance as academics for the betterment of an institution. Research culture has been embraced well by the faculty members and research scholars at BMSIT and M. In this report, we present an overview of the research activities of Information Science and Engineering, BMSIT & M.

# DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

## VISION

Emerge as centre of learning in the field of information science & engineering with technical competency to serve the society.

## MISSION

To provide excellent learning environment through balanced curriculum, best teaching methods, innovation, mentoring and industry institute interaction.

## ABOUT DEPARTMENT

The Department of Information Science and Engineering started in the Year 2010 with an approved intake of 60. The Department has qualified and professionally dedicated faculty member practice OBE in the academic deliverables. The faculties have published research articles in various National, International, IEEE Conferences and Journals.

The department has modern laboratories to serve the teaching and research needs of the students as well as faculty members. The Department has been organizing conferences, workshops, expert lectures and student centric activities to encourage students and faculty to instil lifelong learning. Few of our students are working for consultancy projects along with few faculty members. The staffs are encouraged to attend the 10 days internship to bridge the gap between the academics and industry. The department has admirable research ambiance.

## PROGRAMME EDUCATIONAL OBJECTIVES

**PEO-1:** Successful professional career in Information Technology Industry.

**PEO-2:** Pursue higher studies & research for advancement of knowledge in IT industry

**PEO-3:** Exhibit professionalism and team work with social concern.

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## Induction Program Schedule 2019-20

Time	Activity	Faculty in charge
<b>Day 1</b>	<b>Saturday (03-08-2019)</b>	
8.30 am to 10.00 am	Students arrive at hostel. (Preferably do pre allotment)	<b>INSTITUTE</b>
10:30 am - 12:30 pm	<b>Inauguration of First Year Classes:</b> <ul style="list-style-type: none"> <li>• Addresses by VIP's</li> </ul>	
12.30 pm – 2.00 pm	Lunch	
2:00 pm – 2:20 Pm	<b>Institute &amp; Department level Orientation:</b> <ul style="list-style-type: none"> <li>• BMSIT&amp;M presentation ( 20 minutes) – PPT provided from the Institute</li> </ul>	<b>HOD,SM</b>
2:20 pm – 2:40 Pm	<ul style="list-style-type: none"> <li>• Presentation on VTU rules and regulations ( 20 minutes) - PPT provided from the Institute</li> </ul>	<b>CKT,VN</b>
2:40 pm – 3:00 Pm	<ul style="list-style-type: none"> <li>• Department presentation ( 20 minutes) – HoD/ Senior Faculty member to present</li> </ul>	<b>HOD,SM</b>
3:00 Pm- 3:10 Pm	<ul style="list-style-type: none"> <li>• Placement presentation ( 10 minutes) – Department placement coordinator in coordination with the Placement department</li> </ul>	<b>GB, Ambika</b>
3:10 Pm- 3:20 Pm	<ul style="list-style-type: none"> <li>• PBL prize distribution ( 10 minutes)</li> </ul>	<b>SKP</b>
3:20 Pm- 3:50 Pm	<ul style="list-style-type: none"> <li>• Interaction with parents ( 30 minutes)</li> </ul>	<b>ALL</b>
3:50 Pm- 4:00 Pm	<ul style="list-style-type: none"> <li>• Student registration (only required data - attendance) ( 10 minutes)</li> </ul>	<b>Arpitha, Amudha, Raju</b>
<b>Day 2</b>	<b>Monday (05-08-2019)</b>	
9:00 am - 10:00 am	<ul style="list-style-type: none"> <li>• Welcome address &amp; briefing about the induction programme by HoD</li> <li>• Ice breaking sessions</li> </ul>	<b>SDL (PPT Preparation)</b>  <b>VK+CKT</b>

<b>10.00 am – 10.20 am</b>	<b>Tea Break</b>		
10:20 am- 11:15 am	<ul style="list-style-type: none"> <li>Principal’s address in rotation among departments.</li> </ul>		<b>Principal</b>
11:15 am – 11:55 am	<ul style="list-style-type: none"> <li>Presentation on central facilities and cells- Canteen, Bank, STP, Solar, hostel, mess facility, stationary shop, reprography, green campus, minimum plastic, water harvesting, gym, indoor and outdoor games, website – announcements, ICC, Womens empowerment. Grievance redressel, SC/ST cell, gender champion.</li> </ul>		<b>MS</b>
11:55 am -12:20 pm	<ul style="list-style-type: none"> <li>Department Orientation: <ul style="list-style-type: none"> <li>➤ Presentation on department rules and regulations.</li> <li>➤ Overview of the Programme</li> <li>➤ Information about clubs in the department</li> </ul> </li> </ul>		<b>VK+Amudha</b>
<b>12:20 pm - 01:30 pm</b>	<b>Lunch Break</b>		
01:30 pm - 04:00 pm	<ul style="list-style-type: none"> <li>Mentor-mentee groups - Introduction within group. (To be allotted in advance- 1 mentor with approximately 20 mentees equally, late admission students to be distributed among all the mentors)</li> <li>Lab visit &amp; college tours by mentors for their mentees</li> </ul>		<b>Mentor allocation -VN Basic Science Department</b>
<b>Day 3</b>	<b>Tuesday (06-08-2019 )</b>	<b>ISE</b>	<b>Faculty in charge</b>
<b>Session</b>	<b>Time</b>	<b>Activity</b>	
I	09:00 am - 9:30 am	Thought for the day / Ice breaking sessions	<b>SKP+SMS</b>
II	09:30 am - 11:00 am	Visits to local areas Siddaganga Matha	<b>CKT+GB+MS</b>
	<b>11.00 am – 11.30 am</b>		
III	11:30 am - 1:00 pm		
	<b>1:00 pm - 2:00 pm</b>		
IV	02:00 pm - 04:00 pm		

<b>Day 4</b>	<b>Wednesday (07-08-2019 )</b>	<b>ISE</b>	<b>Faculty in charge</b>
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<b>Sessio n</b>	<b>Time</b>	<b>Activity</b>	
I	09:00 am - 9:30 am	Thought for the day / Ice breaking sessions	<b>VN+SDL</b>
II	09:30 am - 11:00 am	Creative Arts- <b>Pidilite ( Amphitheatre)</b>	<b>CKT</b>
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>	
III	11:30 am - 1:00 pm	Creative Arts- <b>Pidilite ( Amphitheatre)</b>	<b>CKT</b>
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>	
IV	02:00 pm - 04:00 pm	PBL Projects - demonstration / presentation	<b>SKP</b>

<b>Day 5</b>	<b>Thursday (08-08-2019 )</b>	<b>ISE</b>	<b>Faculty in charge</b>
<b>Session</b>	<b>Time</b>	<b>Activity</b>	
I	09:00 am - 9:30 am	Thought for the day / Ice breaking sessions	<b>GB+MS</b>
II	09:30 am - 11:00 am	Universal Human Values <b>(Gandhi movie- 2<sup>nd</sup> floor seminar hall academic block)</b>	<b>CKT</b>
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>	
III	11:30 am - 1:00 pm	Universal Human Values <b>(Gandhi movie- 2<sup>nd</sup> floor seminar hall academic block)</b>	<b>CKT</b>
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>	
IV	02:00 pm - 04:00 pm	Innovation/ Incubation/IPR/EDII/Entrepreneurship cells/ Cocubes address - Placement activity	<b>CKT</b>
<b>Day 6</b>	<b>Friday (09-08-2019 )</b>	<b>ISE</b>	<b>Faculty in charge</b>
<b>Session</b>	<b>Time</b>	<b>Activity</b>	
I	09:00 am - 9:30 am	Thought for the day / Ice breaking sessions	<b>VK+CKT</b>
II	09:30 am - 11:00 am	Creative Arts	<b>Students (Department) MS</b>
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>	
III	11:30 am - 1:00 pm	Creative Arts	<b>Students (Department) MS</b>

	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>	
IV	02:00 pm - 04:00 pm	Sports Session( <b>Main Seminar hall / Amphitheatre</b> )	<b>UBA+GB</b>

<b>Day 7</b>	<b>Saturday (10-08-2019)</b>	<b>All Branches</b>	<b>Faculty in charge</b>
<b>Session</b>	<b>Time</b>	<b>Activity</b>	
I	09:00 am - 9:30 am	Thought for the day / Ice breaking sessions	<b>SKP+SMS</b>
II	09:30 am - 11:00 am	<ul style="list-style-type: none"> <li>• Career Guidance</li> <li>• Interaction with seniors</li> <li>• Alumni Interaction</li> </ul>	<b>CKT (Ashuthosh+Akshath+Michel)</b>
	11.00 am – 11.30 am	Tea Break	
III	11:30 am - 1:00 pm	<ul style="list-style-type: none"> <li>• Project Exhibition / Demonstration</li> </ul>	<b>SKP+ all Guides</b>

<b>Day 8</b>	<b>Tuesday (13-08-2019)</b>	<b>ISE</b>	<b>Faculty in charge</b>
<b>Session</b>	<b>Time</b>	<b>Activity</b>	
I	09:00 am - 9:30 am	Thought for the day / Ice breaking sessions	<b>VN+SDL</b>
II	09:30 am - 11:00 am	Universal Human Values	<b>VK</b>
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>	
III	11:30 am - 1:00 pm	Universal Human Values	<b>VK</b>
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>	
IV	02:00 pm - 04:00 pm	Literary activity	<b>GB+CKT</b>



<b>Day 10</b>	<b>Friday (16-08-2019)</b>	<b>All Branches</b>	
<b>Session</b>	<b>Time</b>	<b>Activity</b>	
<b>I</b>	09:00 am - 9:30 am	Thought for the day / Ice breaking sessions	<b>VK+CKT</b>
<b>II</b>	9:30am-11:00am	Performance by seniors of the department	<b>MS+VN</b>

<b>Day 9</b>	<b>wednesday (14-08-2019)</b>	<b>ISE</b>	<b>Faculty in charge</b>
<b>Session</b>	<b>Time</b>	<b>Activity</b>	
<b>I</b>	09:00 am - 9:30 am	Thought for the day / Ice breaking sessions	GB+MS
<b>II</b>	09:30 am - 11:00 am	Universal Human Values	<b>CKT (Ravi D speech)</b>
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>	
<b>III</b>	11:30 am - 1:00 pm	Universal Human Values	<b>CKT (Ravi D speech)</b>
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>	
<b>IV</b>	02:00 pm - 04:00 pm	College level clubs Library (30 mins) Eco club (30 mins) NSS (20 mins) NCC (20 mins) Photography (20 mins) (Academic Block – CR405)	<b>CKT</b>
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>	
<b>III</b>	11:00 am – 1:00 pm	<ul style="list-style-type: none"> <li>Feedback from students on various sessions conducted for them.</li> <li>Discussions and finalization of presentations within each department.</li> </ul>	<b>GB + Amudha</b>

	1:00 pm - 1:00 pm	<b>Lunch Break</b>	
	02:00 pm - 04:00 pm	<b>Welcome function for juniors</b>	<b>MS+VN</b>
<b>Day 11</b>	<b>Saturday(17-08-2019)</b>	<b>All Branches</b>	
<b>Session</b>	<b>Time</b>	<b>Activity</b>	
I	09:00 am - 12:30 pm	Presentation by each department at the college level in the amphitheatre and Valedictory session. (10 to 15 minutes for each department)	-

### **DAY-1- 3/8/2019**

#### **Planned Schedule of the Day:**

<b>Time</b>	<b>Activity</b>
3:00 – 3:30	Introduction to the Department by HOD,
3:30 – 3:45	Placement presentation
3:45 – 3:50	PBL Prize distribution
3:50 – 4:15	Interaction with parents

#### **Activity Name: Introduction about department**

Resource Person with affiliation: HOD of ISE Dept.

Number of Students attended: 60

Time: 3:00 – 4:15

Venue: ISE Seminar Hall

#### **Highlights of the activity:**

The session was started by HOD ISE , Dr Usha B A by welcoming the students to the department, highlighted the vision, mission of the department, faculty members were introduced best practices at the department, placement statistics of previous years were discussed. Prize distribution for the higher semester PBL winners to motivate the students. Interaction with the parents and students was done where many queries on placements, higher education facilities, programming skill development, Difference between the CSE and ISE disciplines were resolved.

#### **Outcomes:**

Students and parents were able to get information regarding the

- Department of ISE

- Placements at Department
- Good Practices in the department
- Project based learning



**Welcoming the students to the Department by HOD Dr Usha B A**



**Felicitating higher semester students for best Project based Learning by Dr Usha B A**



**Interaction with the parents by Dr Manjunath T N**



**Introduction to the placements by Prof Gireesh Babu C N**

## DAY-2- 5/8/2019

Venue: **ISE Seminar Hall**

Number of Students attended: **79**

### **Planned Schedule of the Day:**

<b>Time</b>	<b>Activity</b>
9:00-9:30	Ice breaking sessions
9:30-10:30	Welcome address & briefing about the induction programme by HOD
10:30-11:00	Rules and Regulation and Clubs at the department by CKT
11:00 - 11:40	Principal Address
12:00 - 12:20	Central facilities session
1:30-4:00	Mentor-mentee groups - Introduction within group Lab visit & college tours by mentors for their mentees

### **Activity Name: Ice breaking session “Know your Friends”**

Resource Person with affiliation: Vinutha K , Assistant Professor, Dept. of ISE,BMSIT&M  
Time: 9:00-9:30

### **Highlights of the activity:**

Prof. Vinutha. K and Prof. Chandrashekhar K T have done ice breaking session. Students introduced themselves and highlighted their hobbies, unique positive attitude and why they have selected Dept. of ISE, BMSIT&M. The activity conducted to demonstrate the importance of interaction with teacher in the class room and to know each other.

### **Outcomes:**

- By this activity the students understands their peers interests and hobbies
- Students will learn how to interact with their friends and try to explore new insight of their friends.



**Ice breaking session-“Know your Friends”**

**Activity Name: Session on briefing about the induction programme**

Resource Person with affiliation: HOD, Dept. of ISE, BMSIT&M

Time: 9:30-10:30

**Highlights of the activity:**

First year students are welcomed and briefed about the importance of conducting induction programme in the technical institutes by HOD. They are informed about 11 days induction programme schedule in detail and session was very interactive and few students started expressing that induction programme is required for socializing, knowing each other, etc.



**Briefing about the induction programme by HOD,ISE**

**Activity Name: Rules and Regulation**

Resource Person with affiliation: Prof.Chandrashekhar K T, Assistant Prof. Dept. of ISE, BMSIT&M

Time: 10:30-11:00

**Highlights of the activity:**

Prof. Chandrashekhar K T given a session on VTU and department rules and regulations and also highlighted also the importance of academic performance.



**VTU and department rules and regulations session by Prof. Chandrashekhar K T**

**Activity Name: Interaction with the Principal**

Resource Person with affiliation: Principal, BMSIT&M

Time: 11:00-11:40

**Highlights of the activity:**

Principal highlighted the the importance of being a human being than an engineer. Importance of computer education, human values, importance of higher education and startups were discussed, The session inspired the students to take up the challenges and societal problems to develop solutions for it.



**Interaction with principal**

### **Activity Name: Central facility session**

Resource Person with affiliation: Prof. Mahalakshmi S, Asst. prof. , BMSIT&M

Time: 12:00 - 12:20

#### **Highlights of the activity:**

- A brief introduction to facilities for green initiatives taken at BMSIT&M campus, sports, first aid / fire extinguishers/water coolers , 24/7 power supply, transport facility, hostel , banking facility, lift and raft facility, canteen, stationary shop & reprography was given.
- The important information announced in the web site was also highlighted. The formation, objectives and activities under various Institutional Cells like WEC, SC/ST Cell, ICC, Grievance Redressal Committee and Gender Champion Cell was discussed.

#### **Outcome:**

- Students were able to know the facilities available at college premises.



**Central facility session by Prof. Mahalakshmi S**

### **Activity Name: BMSIT&M campus tour**

Resource Person with affiliation: Proctors

Time: 1:30-4:00

#### **Highlights of the activity:**

- Highlighted the importance of Mentor and Mentee relationship and divided the students groups for respective Mentor .
- Mentors took their mentees to BMSIT&M campus tour.

#### **Outcome:**

- Students were able to know the infrastructures of the entire BMSIT&M and the exact location of various facilities available at college.





### **BMSIT&M Campus tour**

**DAY-3- 6/8/2019**

Venue: ISE Seminar Hall  
 Number of Students attended: 75

#### **Planned Schedule of the Day:**

<b>Time</b>	<b>Activity</b>
9:00-9:30	Ice breaking sessions
9:30-10:30	Visit to Siddaganga matha, Tumkur

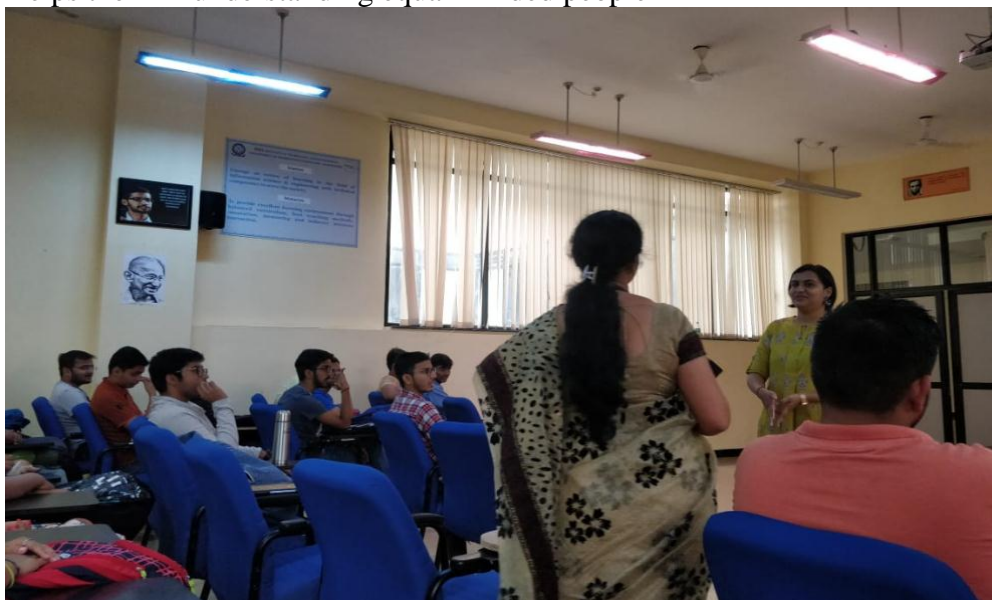
#### **Activity Name: Ice breaking session “Alternative friend game”**

Resource Person with affiliation: Dr. Pushpa S K  
 Time: 9:00- 9:30

Students were told to interact with 5 friends and get all their information. At the end they were asked to introduce any one of the friends that he interacted.

**Outcomes:**

- Helped the students to blend with others
- Helps them in understanding equal minded people



**Ice breaking Session from Dr. Pushpa S K**

**Activity Name: Visit to Siddaganga matha, Tumkur**

Resource Person with affiliation: Prof. Chandrashekhara K T, Prof, Mahalakshmi S, Amudha  
Time: 9:30- 4:30

**Highlights of the activity:**

Students visited Siddaganga Matha, Tumkur on 6/8/2019 as a part of induction program. The visit started from visiting important places in Siddaganga Matha which was guided by Mr Nagaraj from Siddaganga Matha. He explained about the history of Matha and achievements of Sri. Shiva Kumara Swamiji.

**Outcomes:**

Students are able to understand the human values, Value of food and charity, helping others. The interaction with few students in the Matha helped us in understanding various problems of different levels of families and the way how charity and service of Dr. Shivakumar Swamiji helping them in building their careers.



**Jnana Mandira –Siddhaganga matha**



**Journey to Siddaganga matha**



**Guidance by Mr. Nagaraj from Siddaganga matha**



**DAY-4- 7/8/2019**

Number of Students attended: 75

Venue: ISE Seminar Hall

**Planned Schedule of the Day:**

<b>Time</b>	<b>Activity</b>
9:00-9:30	Ice breaking sessions
9:30-12:50	Creative Art session by Pedilite
2:00-4:00	PBL Project Demonstration/Presentation

### **Activity Name: Ice breaking session**

Resource Person with affiliation: Prof. Shanthi D L

Time: 9:00- 9:30

### **Highlights of the activity:**

Ice-breaking session started with introduction of faculty at 9:00AM. The activity is begun by dividing the students in to groups of 8-12 students in each group according to their convenience. Each group should have leader and the group name should be mentioned on leaders response form. Students in each group were asked to fill the form given to them where they supposed to fill at least two friends name in each category accordingly, no name should repeat more than two times. In case if they group is not able to get two names from their group they should interact with other group and write the group name and the person name in that category. Finally the leader should see to it that all the categories are filled.

**Write names of at least two people against each category. No Name should be repeated on the same paper**

1. Someone who can speak a foreign language other than English:
2. Someone who loves to solve puzzles:
3. Someone who can tell if a photo frame is right in the middle of the wall:
4. Someone who learns a new dance movement quickly:
5. Someone who can tell if anyone is singing a different note in a choir:
6. Someone who is a great host and very good at conversation in the parties:



**Outcomes:**

- By this activity the students understands their peers interests and hobbies
- Students will learn how to interact with their friends and try to explore new insight of their friends.

**Activity Name: Creative Art Session**

Resource Person with affiliation: Hibha and Babitha from Pedilite

Time: 9:30-12:50

Creative Art session is handled by Hibha and Babitha from Pedilite group, where the students are given with the craft materials like trace, paint, glues etc. and asked them to do the painting. Students enjoyed the session and more excited in taking part of it.

**Outcomes:**

This session helped the students in:

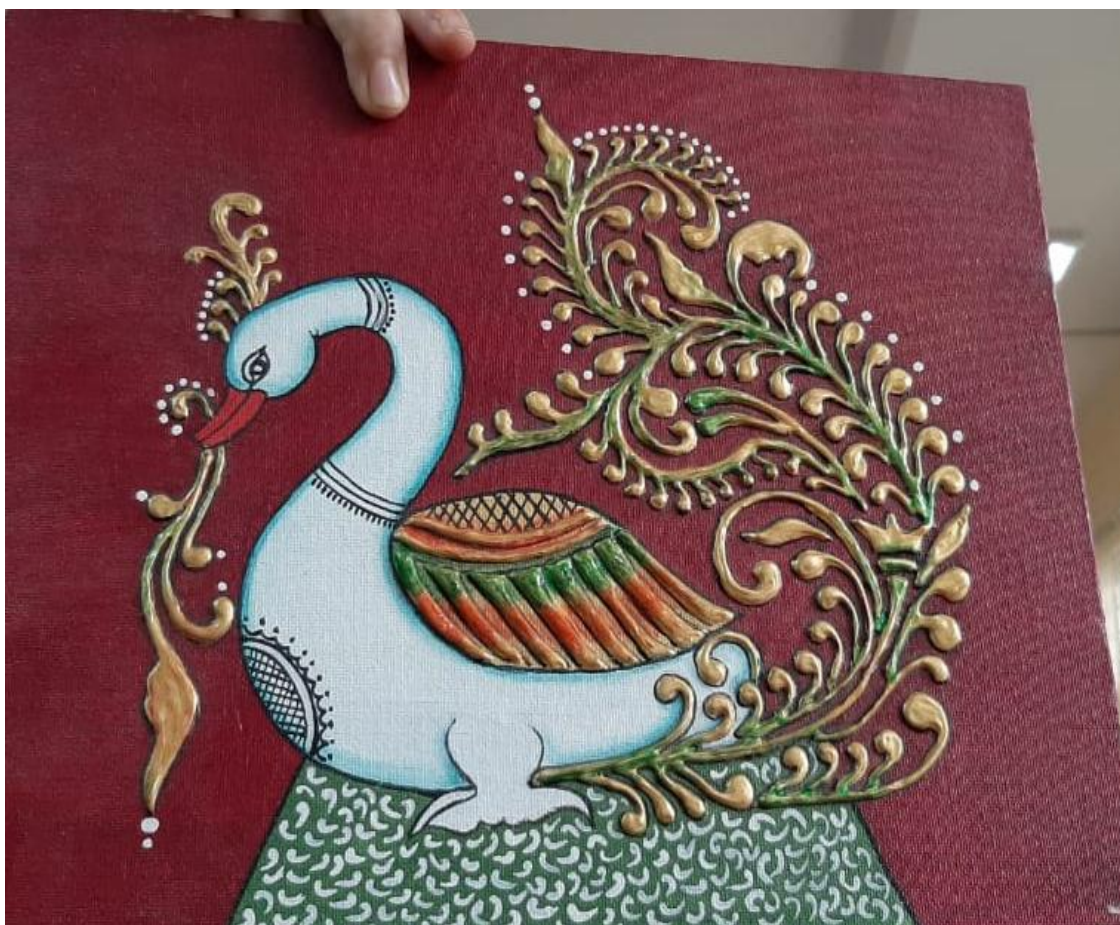
1. Improves concentration
2. Sharpen fine motor skills
3. Promotes knowledge of various cultures
4. Boosts creativity
5. Critical thinking skills
6. Gives you a positive mindset





**Creative Art session**





**Creative Art session**

**Activity Name: PBL Project Demonstration/Presentation**

Resource Person with affiliation: Prof. Pushpa S K

Time: 2:00-4:00

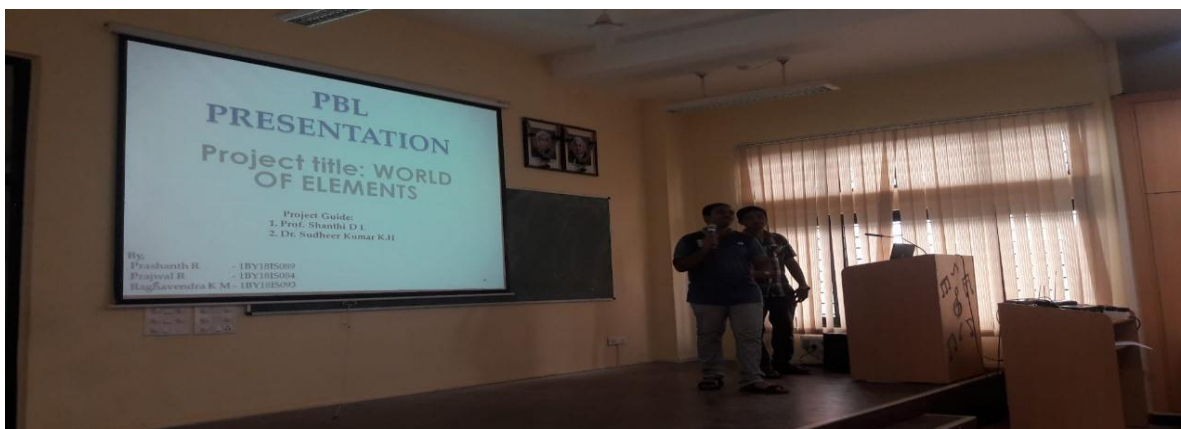
**Highlights of the activity:**

Students from higher semester presented their PBL projects to the first year students about the idea behind the project, technology used and programming languages and their applications.

**Outcomes:**

- Students got idea about how to initiate a project.
- About the methodology to be used
- Inspired to select innovative, societal problems and to provide Solutions





**PBL project presentation**

**DAY-5- 8/8/2019**

Number of Students attended:  
 Venue: ISE Seminar Hall

**Planned Schedule of the Day:**

Time	Activity
9:00-9:30	Ice breaking sessions
9:30-1:00	Universal Human Values(Gandhi Movie)
2:00-4:00	Innovation, Incubation,IPR,Entrepreneurship cells,cocubes-placements presentation

**Activity Name: Ice breaking session**

Resource Person with affiliation: Prof. Shanthi D L  
 Time: 9:00- 9:30

### **Highlights of the activity:**

Ice-breaking session started with introduction of faculty at 9:00AM. The activity was begun with providing aspiration sheet to students, where they filled the details about their aspirations.

The questions asked were:

1. What about me-what dream or ambition do I have?
2. 3 reasons for this ambition?
3. What qualifications do I need to achieve my dreams?
4. What personal qualities will I need?
5. Will I need any particular skills?

### **Outcomes:**

1. By this activity the students understand their peers' interests
2. Helped the students to recollect their aspirations
3. It will be like a track record to monitor the progress of the students.



**Ice breaking sessions**

### **Activity Name: Universal Human Values (Gandhi Movie)**

Resource Person with affiliation: Vinutha K, Assistant Professor

Time: 9:30-1:00

Students were shown with Gandhi Movie. The movie was very educational and inspirational. It was seen in any list of educational genre movies and it's a must-see for

anyone who wants to make a change or bring a difference to the world. A multitude of universal values were clearly visible, say for example: standing up against injustice, loving your neighbours and Gandhi's own "an eye for an eye makes the whole world blind". This line in particular emphasizes on non-violence or as said in hindi  $\square\square\square\square\square$ . We learnt a lot of values as small children, but, we 'revived' it today. The violence shown really reminded me of humanity as a moral inculcated in me since forever. Gandhi's being evokes anybody of patience, determination and dedication as we see him doing the Gandhi march, and Satyagraha.

### **Outcomes:**

Students were able to learn

- Humanity
- selfless service and cooperation Simplicity
- Non-violence
- truth



**Universal Human Values-Gandhi Movie**

**Activity Name: Innovation cell, Incubation, IPR, Entrepreneurship cells**

**Time: 2:00-4:00**

**Innovation cell**

**Resource Person with affiliation: Dr.Seema Singh, HOD-ETE**

Dr. Seema Singh, Professor and Head, ETE and Head of the Innovation Center presented on the activities taken under Innovation Centre. It is focused to bring the idea to a productive position; whether this is a profitable product or simply a better way of doing something. Innovation can improve quality, a service, a process or a management model (Estd in 2015).

The activities undertaken by the Innovation Centre

- Innovative Idea Contests (Anveshana)
- Brainstorm sessions & awareness programmes
- Encourage students to participate in external events/competitions
- Financial assistance for Innovative projects



**Innovation Center presentation -Dr.Seema Singh, HOD-ETE**

### **Entrepreneurship Development Cell**

**Resource Person with affiliation: Mrs, Suma Umesh, Assistant professor, Dept. of EEE**

Mrs, Suma Umesh, Assistant professor, Dept. of EEE, presented on Initiatives and **Number of Entrepreneurs from BMSIT&M Portal** from EDC. The rising trend of taking up entrepreneurial career by students can aptly be supported by an Entrepreneurship Development Cell (EDC) at BMSIT&M. The ED cell will integrate and synergise the effort to promote activities for the development of entrepreneurial culture among students through various activities like conducting workshops on entrepreneurship awareness, expert talks from entrepreneurs on various aspects of entrepreneurship contest on idea evaluation, business plan, incubation development, entrepreneurship conclaves and many more.



**Entrepreneurship Development Cell by Mrs, Suma Umesh**

**Incubation center**

**Resource Person with affiliation: Ms. Shama**

Ms. Shama spoke briefly about the innovation center activity and also presented a video presentation of the innovative product by the center. The Incubation Centre is focused to nurture innovation and create startup ecosystem from Idea generation to pre incubation, Incubation and graduation of successful start-up. The Centre engaged in set of activities every year to boost Start-up.



**Innovation center presentation by Ms. Shama**

## **Intellectual Property Cell (IPC)**

**Resource Person with affiliation: Mr. Praveen Kumar, Dept. of Mechanical Engineering**

Mr. Praveen Kumar spoke briefly about the intellectual property cell and the number of patents filed by BMSIT&M. IPC Involves in the following activities

- Creating awareness among staff and students on intellectual properties like patents, industrial design, copy rights, SICLD, etc.
  - Evaluation of Innovative/invention type projects for patentability
  - Protecting the Intellectual Properties of staff and students by filing patents, registration etc.
- Organising training programme/workshop on patents for staff and students



**Intellectual Property Cell (IPC) by Mr. Praveen Kumar**

## DAY-6- 9/8/2019

Number of Students attended: 90

Venue: ISE Seminar Hall

### Planned Schedule of the Day:

Time	Activity
9:00-9:30	Ice breaking sessions
9:30-1:00	Creative Arts
2:00-4:00	Sports session

### Activity Name: Ice breaking session

Resource Person with affiliation: Prof. Gireesh Babu C N

Time: 9:00- 9:30

### Highlights of the activity:

Ice-breaking session started with introduction of faculty at 9:00AM. The activity was begun asking the students to interact ,they were asked to complement each other.

1. Self acceptance
2. They were asked to come up on the podium and speak

### Outcomes:

1. We helped them break their communication barrier
2. It will be like a track record to monitor the progress of the students.
3. Positivity was promoted
4. Students were able to communicate and appreciate each other
5. Friendship between them strengthened
6. They were able to Interacted with their senior
7. They were able to overcome their stage fear.



Ice Breaking Session by Prof Gireesh babu C N and Prof Mahalakshmi.



Speech by student during Ice breaking sessions



**Activity Name: Creative Arts**

Resource Person with affiliation: Mahalakshmi S, Assistant Professor

Time: 9:30-1:00

To create awareness about waste management , an intriguing workshop was organized by the 3rd year students. They were asked to bring recyclable material from home and were given a task to make something creative out of it. The students put their heart and soul to make something creative out of waste. The session went on for almost 2 hours and 3 winners were selected .At the end of the session, certificates and prizes were distributed.

**Outcomes:**

Students were able to show

- Team work
- Interaction skills
- Creativity
- Competitiveness



**Students making art and craft from waste material.**



**Students making art and craft from waste material.**

**Activity Name: Sports session**

**Time: 2:00-4:00**

**Sports section:**

**Resource Person with affiliation: Mr Mallikarjun Patil and Chandrashekhara(ASI,Traffic)**

Mr.Mallikarjun Pati,Director Physical education Department, presented on the sports facilities available in the BMSIT College and Hostel. He also spoke about about students who participated in various sports competitions and won prizes to college at universities and national level games. He stressed upon how engineers can help to the improvement of sports in the country by developing various innovative technologies to the sports sector. Later he took students to the amphitheatre and taught various exercises.

The activities undertaken by Sports department

- Brainstorm sessions & awareness programmes
- Conducts various University/National sports events.
- Encourage students to participate in University/National level gaming competitions
- Financial assistance for University level players.



**Sports session presentation -Mr.Mallikarjun Patil, HOD-ETE**



**Basic warm up exercises done by students of 1st semester**

## **Sports section:**

### **Resource Person with affiliation: Chandrashekhara(ASI,Traffic Police,Yelahanka)**

Mr,Chandrashekhara Assistant sub-inspector of Police(Traffic division) Yelahanka, presented on Traffic Rules and regulations to be followed by civilians. He stressed about wearing helmets for two wheelers and seat belt for four-wheelers.He also stressed upon the traffic in the Bangalore city and number of accidents occurred in the last year,hence he highlighted about importance of life and for safety we have to follow traffic rules and later various traffic informative videos were displayed.



**Traffic Rules and Regulations session by Chandrashekar,PSI(Traffic)  
Yelahanka**

## DAY-7- 10/8/2019

Number of Students attended: 90

Venue: ISE Seminar Hall

### Planned Schedule of the Day:

Time	Activity
9:00-9:30	Ice breaking sessions
9:30-12:00	Career Guidance
12:00- 1:00	Alumni Interaction and Project Exhibition

### Activity Name: Ice breaking session

Resource Person with affiliation: Prof. Shanthi D L

Time: 9:00- 9:30

### Highlights of the activity:

Ice-breaking session started with introduction of faculty at 9:00AM. The activity was begun with grouping of students, they were asked to paint objects on chat papers and create a story out of painting. Students made beautiful paintings and made very good stories out of paintings.

### Outcomes:

8. Creativity
9. Group participation
10. Students were able to communicate each other
11. Students were able to draw creative paintings
12. Students came out with innovative thoughts out of paintings



Ice Breaking Session by Prof Shanthi D L along with students

### **speech by student during Ice breaking sessions**

#### **Activity Name: Career Guidance**

Resource Person with affiliation: Prof Chandrashekhara K T & Prof Vinutha K,  
Assistant Professor  
Time: 9:30-10:30

Mr.Supreeth,Entrepreneur from Tequed Labs presented on career guidance where he stressed upon how the students should be prepared for the next four years.He also spoke about how engineering students can help the society by doing innovative projects in the four years of time in BMSIT.He also requested students to prepare road map for them selves for four years.

### **Outcomes:**

Students were able to understand

- What type of skills students should learn in four years
- learning skills from online courses.
- Awareness about being updated with new technologies
- Competitiveness in market scenarios.



**Career guidance talk by Supreeth from Tequed Labs**

### **Activity Name: Career Guidance**

**Time:** 10:30-12:00

#### **Resource Person with affiliation: Sheshadri sreenath,Senior Manager,CISCO Systems**

Mr.Sheshadri sreenath,Senior Manager CISCO Systems, presented on Career guidance where he stressed upon almost all subjects of computer engineering discipline starting from Operating systems,networks,Data base,cloud computing and Artificial Intelligence.. He explained the importance of each subject in the under graduate engineering course also mentioned that selection of course subjects at the master level.He explained by taking scenario of how to fetch data from google server located in california in USA from your smart phone within fraction seconds.The session was very interesting students really enjoyed the session at the end students various question on career guidance,Artificial intelligence,machine learning etc.

**Outcomes:**

- Students learnt about User Interface concepts
- Students learnt about Operating systems concepts
- Students learnt about AI and ML concepts
- Students learnt about how to get passionate about career
- Understood the importance of core subjects at undergraduate level
- Understood how to choose core subjects at master level



**Career guidance presentation by Sheshadri sreenath**



**Activity Name:** Alumni and Senior student Interaction and Project explanation:

**Resource Person with affiliation:** Michael Beaven,Senior Engineer,Temenos.

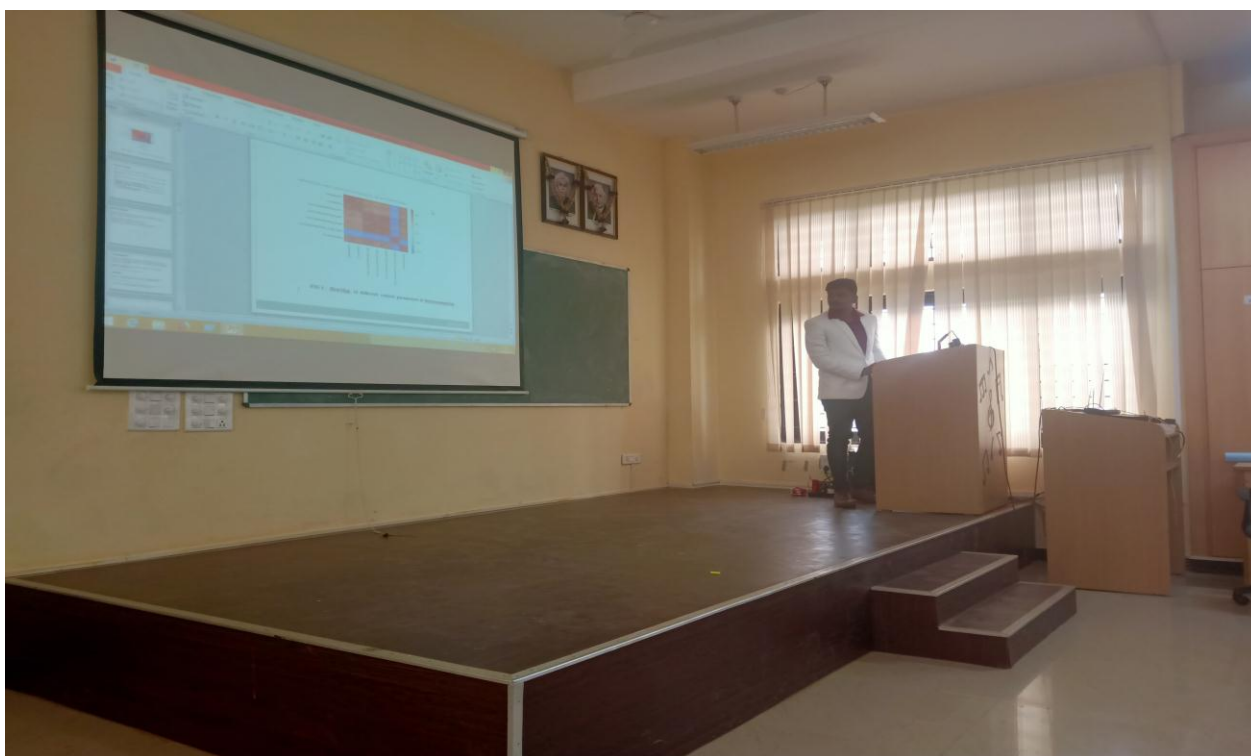
Mr,Michael Beaven,Senior Development engineer,Temenos presented on his experiences in BMSIT&M as a alumni.where he stressed upon the importance of internships the students have to undergo during their undergraduate course.He also spoke about his journey in bmsit right from working millange foundation to the Nokia as an intern.He also explained the importance of CGPA along with skills in the undergraduate course.At last he explained his under graduate project did in BMSIT&M.Finally he answered to the questions posed by students.

**Outcomes:**

- Understood the importance of Internship
- working in the field of intrest
- Understood how companies works.



**Interaction session by Michael Beaven,Alumni of ISE Dept,BMSIT**



Michael Beaven, Alumni explained his 8th sem project on machine learning

### **DAY-8 13/8/2019**

Number of Students attended: 150

Venue: ISE Seminar Hall

#### **Planned Schedule of the Day:**

<b>Time</b>	<b>Activity</b>
9:00-10:00	Ice breaking sessions
10:00-1:00	Universal Human Values
2:00-4:00	Literary Activity

#### **Activity Name: Ice breaking session**

Resource Person with affiliation: Prof. Veena N,Asst,Prof Department of ISE

Time: 9:00- 10:00

### **Highlights of the activity:**

The session was a brief discussion with students about how to make themselves as a brand to be chosen by the companies during placements followed by a TED Talk. The session addressed to focus on Personal Capital, Intellectual Capital, Social Capital to make students Industry ready. The session also explored today's competitive world and how to be equipped to be an outstanding among them

### **Outcomes:**

13. Motivation to do have a personal development plan
14. Students learnt about the situation of job market in India
15. Understood the strategy to tackle 4 years of engineering.
16. Learnt about how to help society through technological innovations
17. Learnt about to set their ambition for their life.



Ice Breaking Session by Prof Veena N of ISE Department



### **Demonstration of Motivational video during Ice-breaking session**

#### **Activity Name: Universal Human Values**

Resource Person with affiliation: Tadyuktananada swamiji of Ramakrishna, Basavanagudi  
Time: 10:00-1:00

The session started by Tadyuktananada swamiji of Ramakrishna matt by offering prayers to Lord saraswathi and with blessings swami vivekananda. He stressed upon human values each of us have follow in life. He narrated stories about mahatma Gandhiji and swami vivekanad, where he mentioned about their childhood and stresses upon how they have followed honesty from their childhood days. He also spoke about character building and improvement of education system in India. He also asked students to keep self restrain and follow honesty in their lives. At the last he asked blessings from Lord saraswati and swami vivekananda upon students.

#### **Outcomes:**

Students Learnt about

- Human values
- Character building
- Honesty to be followed in their lives
- Self restrain



**Session by Swami Tadyuktanana of Ramakrishna matt.**



**Felicitation to swamiji by HOD,Dept of ISE, Dr Usha B A**

**Activity Name: Literary Activity**

**Time: 2:00-4:00**

**Resource Person with affiliation: Senior students from 3rd Year ISE,Department**

The Activity started with the interaction of senior students from 3rd Year with 1st year students. Students were asked to form group of 10 each, total 12 groups were formed. Each team was asked to give random words, within a period of time using those words students were asked to perform a short skit/dram. Finally each team performed a short skit/drama.

**Outcomes:**

- Triggered Creativity in the minds of students

- Enhancement of team work skills
- Enhancement of communication skills.
- Helping students to fight stage fear
- Performing skit/drama within time constraints.



**Skit performance by students during Literary Activity.**



**Faculty giving instructions to students to perform Literary activity.**

**DAY-9 14/8/2019**

Number of Students attended: 120  
Venue: ISE Seminar Hall

**Planned Schedule of the Day:**

Time	Activity
9:00-10:00	Ice breaking sessions
10:00-1:00	Universal Human Values
2:00-4:00	College level Clubs

### Activity Name: Ice breaking session

Resource Person with affiliation: Prof.Vinutha K ,Asst,Prof Department of ISE

Time: 9:00- 10:00

### Highlights of the activity:

The activity was begun picking 15 students randomly of about 7 batches, they were asked to stand back to back and the one who is at last need to pick a chit with topics like floods in north Karnataka, Basketball playing, Independence Day etc. enact and show it to immediate neighbour, and similarly they need to pass it to others.At the end the message communicated by first and last will be verified.

### Outcomes:

18. We helped them break their communication barrier
19. Positivity was promoted
20. Students were able to communicate with each other.
21. Friendship between them strengthened
22. They were able to overcome their stage fear.



Ice Breaking Session by Prof Vinutha K of ISE Department



**Activity Name: Universal Human Values**

Resource Person with affiliation: **Mr Sharadvihari Dasa from Bhaktivedanta Academy for Culture and Character Education**

Time: 10:00-1:00

The session started by Sharadvihari Dasa swamiji of Bhaktivedanta Academy for Culture and character Education started the session on universal human values.He stressed upon exercises mind has to undergo by narrating various stories.He shared his PU and Engineering and work experiences.He explained important components of Human being namely,Body,Mind,Intelligence and Ego,he stressed upon the various excercises mind has to undergo and explained about importance of minimal ego.He also conducted an activity based on Mob lynching.At the last he answered to questions posed by students.

**Outcomes:**

Students Learnt about

- Human values
- Humble in accepting knowledge
- Humble in accepting failures
- Knowing students strengths and weaknesses



## Session by Sharadvihari Dasa swamiji of Bhaktivedanta Academy



## Debate session by Sharadvihari Dasa swamiji of Bhaktivedanta Academy

### Activity Name: College Level Clubs

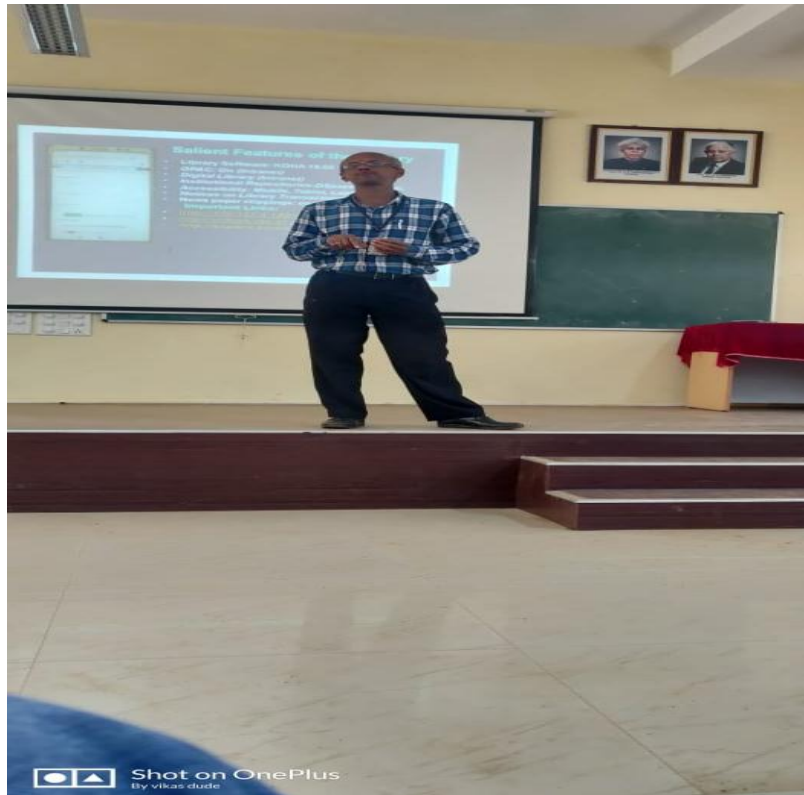
Time: 2:00-4:00

**Resource Person with affiliation:** Mr Gopala Krishna, Dr. Rajesh Gopinath and Prof Gireesh Babu C N and Prof Ravindra Asundi

The First session was given by Mr Gopala Krishna, Chief Librarian, BMSIT&M, He explained about various facilities and salient features of BMSIT Library. He stressed Books, Journals, available, Dspace, Koha software etc. The second session was by Prof Gireesh Babu C N, Alumni Co-ordinator BMSIT, He spoke about alumni portal of BMSIT and different alumni students working in abroad as well as studying in foreign countries. The next session was by Dr. Rajesh gopinath HOD Civil engineering, he spoke about how humans are exploiting environment for their greed and selfishness. He stresses upon how students can help to clean environment by participating in various clubs. Finally he requested students to become member of Eco-club of BMSIT&M. He also spoke about Photography Clubs. The next session was by Prof Ravindra Asundi, he spoke about participation of students in Red Cross and NSS to help the society. He also stressed upon not to discriminate people while doing services to society through NSS and Red cross.

## Outcomes:

- Students understood about facilities available in Library
- Learnt about Online library software
- Understood how students can take help of alumni for Internship and Job opportunities.
- Understood the importance of Clean and Green Environment
- Learnt about avoiding plastics in the campus
- Understood about civilian responsibilities in Red cross and NSS



**Session by Mr.Gopal Krishna,Librarian BMSIT&M**



**Session by Dr.Rajesh Krishnan,HOD,Civil engg BMSIT&M**



**Session by Prof Gireesh Babu C N,Alumni co-ordinator,BMSIT&M**



Session by Prof Ravindra Asundi, Red Cross and NSS Co-ordinator, BMSIT&M

## DAY-10 16/8/2019

Number of Students attended: 150  
 Venue: ISE Seminar Hall

### Planned Schedule of the Day:

Time	Activity
9:00-09:30	Ice breaking sessions
09:30-12:30	Performance by Senior students
12:30- 01:00	Feedback from students
2:00 - 4:00	Welcome function for juniors

### Activity Name: Ice breaking session

Resource Person with affiliation: Prof. Mahalakshmi S, Asst, Prof Department of ISE  
 Time: 9:00- 09:30

### Highlights of the activity:

The session started by Prof Mahalakshmi S, Asst. Prof, Dept of ISE, by giving instructions to the students on the various activities to be performed by students. Students were asked to write about their friends behaviours, qualities and also about themselves without mentioning their names in a piece of paper. Students were asked to crush the paper and throw it else where in the class. Then some other students were asked to pick it up and were called by

Professor on the stage and read the piece of paper, then audience were asked to guess who had written that piece of paper.

**Outcomes:**

23. Helped them to enhance their thinking capabilities
24. Students were able to communicate with each other.
25. Friendship between them strengthened
26. They were able to overcome their stage fear.
27. Positivity was promoted



**Ice Breaking Session by Prof Mahalakshmi S of ISE Department**

**Activity Name: Performance by Senior students**

Resource Persons: Senior students 3rd and 5th semester

Time: 09:30-12:30

The session started by performance of the senior students, showing their different skills like playing guitar and singing songs simultaneously. One of the seniors also performed on a piano. The students really enjoyed the session, and were fascinated with the skills of

the seniors .The senior students asked students about their skills and hidden talents and offered the junior students to perform in the stage . Seniors students also performed on Beat Boxing which was liked by the students very much. Many of the seniors showcased there dancing skills in front of the students .

**Outcomes:**

Junior Students Learnt about

- Dancing skills
- Singing skills
- Beat boxing skills
- Learnt how to play guitar and piano



**Guitar performance by senior student.**



**Singing performance by senior student**

**Activity Name: Feedback from students**

**Time:** 12:30-1:00

**Resource Person with Affiliation: Prof Gireesh Babu C N and Amudha**

The Activity started by prof Gireesh babu C N, He informed the students about submission of feedback forms as per format circulated among students.

**Activity Name: Welcome function for Juniors**

Resource Persons: Senior students 3rd and 5th semester

Time: 02:00-04:00

The session started by the senior students giving instructions to the juniors about the various activities that ought to be performed after some time. The seniors made the students to participate in various games and activities like dancing on paper and various cup games. The students enjoyed the activities very much. The seniors then asked the students to participate in Mr. and Mrs. fresher contest. The students were very eager in participating the contest. The seniors then spoke the rules and regulations of the contest.



The students' performance was adorable. Finally after a long and tough competition , Mr. and Mrs. fresher were selected. After the contest junior students were given treat(pizza) from the senior students .

**Outcomes:**

Junior Students Learnt about

- Dancing skills
- Singing skills
- Helped the students to fight stage fear.
- Orating skills of students were enhanced.



**Singing performance by junior student**



**Game being played by Junior students**

## **DAY-11 17/8/2019**

Number of Students attended: 150

Venue: Main Amphitheatre

### **Planned Schedule of the Day:**

<b>Time</b>	<b>Activity</b>
9:30 to 12:30	Principal talk and Cultural Program

### **Activity Name: Cultural Program**

Resource Person with affiliation: Prof.Chandrashekhara K T and Prof Vinutha K

Time: 9:30- 12:30

### **Highlights of the activity:**

The session started by Principal Dr Mohan Babu G N addressing the students, where he mentioned the students to make use of valuable 4 years so that students can enjoy another 40 years of life. He narrated one story with respect to outside competition in world. Later followed by cultural activities from the students of all departments of BMSIT&M. In the beginning Roshini (1st Year) ISE Department told feedback about Induction program. Later Isha 1st Year student sang hindi song, followed by Jhanvi and team performed a group dance, Mihir performed on Keyboard at last Roshini and Sudhanva performed guitar song



**Roshini 1st Year ISE Student sharing feedback on Induction Program**



**Principal Dr Mohan Babu addressing the 1st Year Students**



**Isha 1st Year ISE Student performed singing activity**



**Jahnvi and Team 1st Year ISE Students performed group dance**

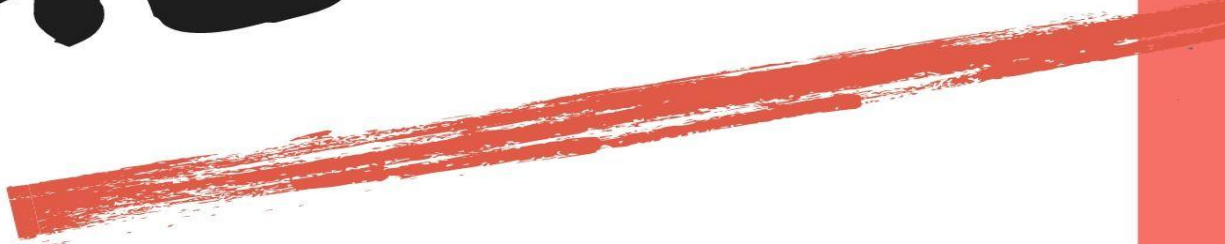


**Mihir 1st Year ISE Student performed on Keyboard**



**Roshini and Sudhanava 1st Year ISE Students performed singing and Guitar**

# THINK OUTSIDE THE BOX



**A book on being 'creative'  
and how to actually be one.**

# Department of ISE

## Induction Program Schedule 2019-20(Even Semester)

Day 1	Monday (10-02-2020)	ISE	Faculty Incharge	Dept
Session	Time	Activity		
I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Ms. Ashwini N	ISE
II	09:30 am – 4.00 pm	Visits to local areas (VTU, Muddennahalli)	Ms. Anitha Mr. Chandrashekar	Maths ISE
Day 2	Tuesday (11-02-2020)	ISE		
Session	Time	Activity		
I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Dr. Jyothi Roy	Chemistry
II	09:30 am - 11:00 am	Creative Arts – (Amphitheatre)	Mr. Chandrashekar	ISE
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>		
III	11:30 am - 1:00 pm	Creative Arts- ( Amphitheatre)	Mr. Chandrashekar	ISE
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>		
IV	02:00 pm - 04:30 pm	Talk by eminent persons ( In respective Department)	Dr.Suresh Kumar	Chemistry
Day 3	Wednesday (12-02-2020)	ISE		
Session	Time	Activity		
I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Mr. Chandrashekar	ISE
II	09:30 am - 11:00 am	Universal Human Values (2 <sup>nd</sup> floor seminar hall academic block)	Mr. Chandrashekar Dr Shivaprasad Nayak	ISE Maths
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>		
III	11:30 am - 1:00 pm	Universal Human Values (2 <sup>nd</sup> floor seminar hall academic block)	Mr. Chandrashekar Dr Shivaprasad Nayak	ISE Maths
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>		
IV	02:00 pm - 04:30 pm	Innovation/ Incubation/IPR/EDII/Entrep reneurship cells/ Placement activity (2 <sup>nd</sup> floor seminar hall academic block)	Ms. Swetha	ISE
Day 4	Thursday (13-02-2020)	ISE		
Session	Time	Activity		

# Department of ISE

## Induction Program Schedule 2019-20(Even Semester)

I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Dr. Pushpa S K  Dr. Shivaprasad Nayak	ISE  Maths
II	09:30 am - 11:00 am	Creative Arts <b>Designing a Globe (In respective Department)</b>	Ms. Swetha  Mrs Yashaswini	ISE  Physics
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>		
III	11:30 am - 1:00 pm	Creative Arts <b>Designing a Globe (In respective Department)</b>	Ms. Swetha  Mrs Yashaswini	ISE  Physics
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>		
IV	02:00 pm - 04:30 pm	Sports Session <b>(Main Seminar hall / Amphitheatre)</b>	Mr. Chandrashekar	ISE
<b>Day 5</b>	<b>Friday (14-02-2020)</b>	<b>ISE</b>		
<b>Session</b>	<b>Time</b>	<b>Activity</b>		
I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Dr Pushpa S K  Dr Pushpa B V	ISE  Maths
II	09:30 am - 11:00 am	Club activities	Dr Pushpa S K  Dr Pushpa B V	ISE  Maths
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>		
III	11:30 am - 1:00 pm	Club activities	Dr Pushpa S K  Dr Pushpa B V	ISE  Maths
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>		
IV	02:00 pm - 04:30 pm	Club activities	Mr. Chandrashekar  Dr.Suresh Kumar	ISE  Chemistry
<b>Day 6</b>	<b>Saturday (15-02-2020)</b>	<b>All Branches (In respective Department)</b>		
<b>Session</b>	<b>Time</b>	<b>Activity</b>		
I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Dr.Suresh Kumar	Chemistry
II	09:30 am - 12:30 am	Cultural Performance ( Organised at the College level)	Mr. Chandrashekar + Ms. Swetha	ISE



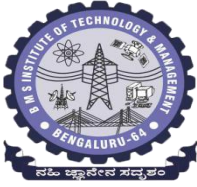
# Department of ISE

## Induction Program Schedule 2019-20(Even Semester)

<b>Day 7</b>		<b>Monday (17-02-2020)</b>		
<b>Session</b>	<b>Time</b>	<b>Activity</b>		
I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Dr. Pushpa S K	ISE
II	09:30 am - 11:00 am	Literary activity <b>Group Discussion with Seniors</b> (In respective Department)	Dr. Pushpa S K  Dr. Dwaraka prasad	ISE  Physics
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>		
III	11:30 am - 1:00 pm	Literary activity <b>Group Discussion with Seniors</b> (In respective Department)	Ms. Swetha  Dr. Dwaraka prasad	ISE  Physics
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>		
IV	02:00 pm - 04:30 pm	Universal Human Values (In respective Department Mr. Satyanarayana Raju	Ashwini N	ISE
<b>Day 8</b>		<b>Tuesday (18-02-2020)</b>		
<b>Session</b>	<b>Time</b>	<b>Activity</b>		
I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Ms. Anitha	Maths
II	09:30 am - 11:00 am	Creative Arts: <b>Collage</b> (In respective Department)	Mr. Chandrashekar  Dr. Jyothi	ISE  Chemistry
	<b>11.00 am – 11.30 am</b>	<b>Tea Break</b>		
III	11:30 am - 1:00 pm	Creative Arts: <b>Collage</b> (In respective Department)	Mr. Chandrashekar  Dr. Jyothi	ISE  Chemistry
	<b>1:00 pm - 2:00 pm</b>	<b>Lunch Break</b>		
IV	02:00 pm - 04:30 pm	Literary activity (Academic Block – CR405)	Ms. Swetha	ISE
<b>Day 9</b>		<b>Wednesday (19-02-2020)</b>		
<b>Session</b>	<b>Time</b>	<b>Activity</b>		
I	8.30 am - 9:30 am	Thought for the day / Ice breaking sessions	Mr. Chandrashekar	ISE
II	09:30 am - 12:30 am	<ul style="list-style-type: none"> <li>Feedback from students on various sessions conducted for them.</li> </ul> Discussions and finalization of presentations within each department.	Ms. Swetha	ISE

**Department of ISE**  
**Induction Program Schedule 2019-20(Even Semester)**

		<b>Lunch Break</b>		
IV	1.30 pm – 4:00 pm	<ul style="list-style-type: none"><li>• Presentation by the I years for the higher semester students of the department.</li></ul>	Dr. Pushpa S K	ISE



# BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

AVALAHALLI, YELEHANKA BENGALURU – 64

## Department of Information Science and Engineering

### INDUCTION PROGRAM FOR FIRST YEAR STUDENTS

DAILY REPORT- FEBRUARY 2020

DAY-1- 10/2/2020

Venue: ISE Seminar Hall

Number of Students attended: 56

#### Planned Schedule of the Day:

Time	Activity
8:30-9:30	Ice breaking sessions
9:30-4:00	Visit to VTU Muddenahalli

#### Activity Name: Ice breaking session “Session on briefing about the induction programme”

Resource Person with affiliation: Ms. Ashwini N

Time: 9:00- 9:30

Venue: ISE Seminar Hall

Highlights of the activity: Induction programme coordinator addressed & briefed about the induction programme. The schedule of entire induction program has been discussed and inspired students to participate in all the activities planned.

#### Outcomes:

- Helped the students to know the programs organized.
- Helps them to plan for the rest of the activities.
- 

#### Activity Name: Visit to VTU Muddenahalli

Resource Person with affiliation: Prof. Chandrashekhar K T, Prof. Anitha Kiran

Time: 9:30- 4:00

#### Highlights of the activity:

Students started their journey by the blessing of God's by visiting two temples (Bhoganandishwara temple) on our way to Sir M Visveshwariah museum on 10/2/2020 as a part of induction program. This temple is a very ancient and historical temple. It is located in Nandi

village. It's the lord Shiva temple and one of the oldest temples in Karnataka. After that we visited the museum, we saw his birth place and many of his achievements with lot of certificates and awards. Lastly visited Nano R&D Laboratory at Visveshwariah PG studies Muddenahalli.

**Outcomes:**

Students are able to understand the spiritual values, value of food and charity, helping others. Students were motivated by the Sir M Visveshwariah achievements. It helped the students understand about his thought process and it ignited their minds towards the achievements.



**Visit to Bhoganandishwara temple**



**Visit to VTU Muddenahalli-Museum and R&D Nano science laboratory**

## DAY-2- 11/2/2020

### Activity Name: Creative Arts-“Collage on World Catastrophes”

Resource Person with affiliation: Ms. Ashwini N

Time: 9:00- 1.00

Venue: ISE Seminar Hall

### Highlights of the activity:

The students were asked to design the catastrophes around the globe like the disasters happening, economic crisis, world health etc. Students based on the imagination and current affairs around the globe sketched on card board sheets in a group and explained their thought process.

### Outcomes:

The designs done by the students in this session will be used in next creative arts session where they have to do the globe model.



**Creative arts done by the students**

## **Activity Name: Talk by eminent persons-Ms. Richa Khandelwal Bhat from Keshava Productions**

Resource Person with affiliation: Ms. Ashwini N

Time: 2.00 - 4:00

Venue: ISE Seminar Hall

### **Highlights of the activity:**

The session started by welcoming Ms. Richa Khandelwal Bhat from Keshava productions. Ms. Richa started the session by giving information on her production house and the 5 businesses that we operate out of Keshava Productions few are Keshava Advertising, Keshava Originals, Creative Shaala, Narayana's the Himalayan Artsy Crew, Studio.

Ms. Richa Khandelwal Bhat made students understand practical problems in the industry, how the fire the employees when they run out of their assets. So, Ms. Richa suggested to have another plan(Plan B) for their profession. Ms. Richa ended the session by knowing the talents inbuilt with students and recognized them and told that she likes to work those students.

### **Outcomes:**

Students were able to get information about:

1. Need in talented persons in filmy house in various fields like editing, animation, voice dubbing, marketing, photography etc.
2. Internship provided by Keshava production house to train the talented house.
3. Interns are highly paid when they start work in the production house



**Welcoming the speaker and session by Ms. Richa Khandelwal Bhat**



**Performance by student Mr. Chethan in the session**

**DAY-3- 12/2/2020**

**Activity Name:** Universal Human Values -“Surgical Strike movie”

Resource Person with affiliation: Ms. Ashwini N and Mr. Chandrashekar K T

Time: 9:00- 1.00

Venue: ISE Seminar Hall

**Highlights of the activity:**

Students were shown with Surgical Strike movie. The movie was very educational and inspirational. Movie consist of unforgiving war drama which incorporates the events that led to the surgical strikes as seen through the eyes of protagonist Major Vihaan Singh Shergill (Vicky Kaushal),many things were harder for him with his personal battles to fight at home as well. Surgical strike movie is based on the September 2016 retaliation carried out by the Indian Army in response to the terror attacks at Uri, the army base camp in Kashmir. Vicky plays the role of a dedicated soldier, Vihaan, who is known for his meticulous strategizing and planning in missions. After a successful mission, he wishes to retire from army life, as his mother needs him.

**Outcomes:**

Students were able to learn

- Humanity
- Truth and facts
- Emotions attached with profession and personal life
- Handling the situations.





**Addressing students regarding human values and screening Surgical Strike movie**

**Activity Name: Innovation/ Incubation/IPR/EDII/Entrepreneurship cells/  
Placement activity**

Resource Person with affiliation: Ms. Swetha M S

Time: 2.00 - 4:00

Venue: ISE Seminar Hall

**Highlights of the activity:**

Ms. Swetha M S spoke briefly about the achievements and activities conducted by Entrepreneurship Development Cell (EDC) at BMSIT&M. She also presented innovation center activity and how the Centre engaged in set of activities every year to boost Start-up. She specified how innovative products developed is patent-able and how to make our product visible in the market.



**Session on ED Cell, Innovation cell and IPR cell by Ms. Swetha M S**

**DAY-4- 13/2/2020**

**Activity Name: Ice Breaking Session-** Narrating story through a sketch

Resource Person with affiliation: Dr. S K Pushpa

Time: 9:00- 10.00am

Venue: ISE Seminar Hall

**Highlights of the activity:**

Students are given topic on spot to narrate story without any communication with others by drawing a sketch relative to their story line. Once completed sketch each group has to show that to the other group for identification of story line. If audiences are able to identify then the group itself discuss the story line with others.

**Outcomes:**

Students were able to learn

- Team work

- Imagination
- Thinking capacity
- Creative work
- Communication ability



## Students involved in the Narrating story through a sketch

### Activity Name: Creative Arts-Designing a Globe

Resource Person with affiliation: Ms. Swetha M S

Time: 9:30- 1.00

Venue: ISE Seminar Hall

### Highlights of the activity:

Students are involved in the Creative Arts-Designing a Globe, The creative arts are often The creative arts emphasize the process, teaching kids in a world that is progressively more and more product-driven that the method by which you arrive at the destination is as or more significant than the destination itself.. However, the creative arts not only cultivate children's imaginations, so that they become more flexible and inventive thinkers, but also help to develop their physical, emotional, and mental capabilities. As such, it is imperative that we work to integrate greater chances for young children to engage in the creative arts, for such measures will provide the foundation for later success.

Students rolled the newspaper and the made it in circular shape of earth using glue, papers and tissues... Then we drew the map by making a outline of continents and painted it. Later when the globe was dried and stickled the continents to the globe

### Outcomes:

Students were able to learn

- Team work
- Imagination
- Thinking capacity
- Creative work





### **Students involved in the Creative Arts-Designing a Globe**

**DAY-5- 14/2/2020**

**Activity Name:** Ice Breaking Session-“Story Telling on Current Challenge Faced”

Resource Person with affiliation: Dr. Pushpa S K

Time: 9:00- 10.00

Venue: ISE Seminar Hall

#### **Highlights of the activity:**

Students are given topic on spot to narrate story on the current challenge faced in their daily life.

Students were expressing what difficulties they faced during their journey to achieve an

Engineering seat. By this all their friends got to know the path their fellows persons faced, as it tells the any success is not icing cake it will have hard hurdles which has to be faced.

**Outcomes:**

Students were able to learn

- Humanity
- Truth and facts
- Emotions attached with for the success
- Handling the situations.





**Students expressing their challenges**

**DAY-6- 15/2/2020**

**Activity Name: Club activities-Paper craft**

Resource Person with affiliation: Dr. Pushpa S K

Time: 10.00pm - 1:00pm

Venue: ISE Seminar Hall

**Highlights of the activity:**

Dr. Pushpa S K discussed the topic on how to use waste and do paper craft in a well presented way. By Paper Crafting student got involved in a wide and varied mixture of several different craft and art, hand on skills that people use to create one, two or three-dimensional objects in paper and card stock. Paper crafting is generally associated with Scrapbooking, Cardmaking, Stamping, Quiling.

**Outcomes:**

Students were able to learn

- Creativity
- Innovative
- Concern towards environment



**Students participation and craft designed**



**Creative work done by students**



## DAY-7- 17/2/2020

**Activity Name:** Literary Activity : ”Session by Mr. Mahantesh G Kivadasannavar Founder Managing Trustee of Samarthanam Trust for the Disabled”

Resource Person with affiliation: Dr. Pushpa S K and Ashwini N

Time: 9:00- 1.00

Venue: ISE Seminar Hall

### Highlights of the activity:

Dr. Pushpa S K welcomed the speaker of the session Mr. Mahantesh G Kivadasannavar Founder Managing Trustee of Samarthanam Trust for the Disabled which was established in the year 1997. Students were given the brief introduction about Samarthanam trust by listing few of the awards obtained. As listed:

- **State Award** in recognition of services rendered for persons with disability, 2007 and 2009
- **Aryabhata International Award** in recognition of the excellent contribution and services in the field of Visually Impaired 2009
- **National Award for Child Welfare by Ministry of Women and Child Development, Government of India and received from Smt. Pratibha Patil, Honourable President of India in 2010**

Mr. Mahantesh G Kivadasannavar started the session with his brief introduction how he faced problems due to disability of vision. Then he told students to be enthusiasm, and dream more so that we will achieve it. He touched more about the cricket played by the blind at National and International level. Sir listed few of their achievements with video. Sir listed few of the winning moments of Blind crickets.



### Outcomes:

Students were able to learn

- Humanity
- Truth and facts
- Enthusiasm
- Motivated from the Blind person.



**Welcoming Mr. Mahantesh G K by HOD**



**Mr. Mahantesh G K sharing his recognition from PM of India Modi**

Activity Name: **Universal Human Values: “Resource Person-Mr. Satyanarayana Raju”**

Resource Person with affiliation: Ms. Ashwini N

Time: 1.30pm - 4:00pm

Venue: ISE Seminar Hall

**Highlights of the activity:**

Mr. Satyanarayana Raju was welcomed formally by the students and handed over the session to him. Sir started the session by taking a oath from the students that Parents, Teachers are my responsibility. Sir told that in order achieve something big in future we have to put foundation

now itself. Sir also told students that not to blame that we have no opportunity instead have to get ready with certification courses for the opportunities. He also told students to have aspiration.

**Outcomes:**

Students were able to learn

- Concern about themselves
- Respecting elders
- More aspiration





**Students and Resource person-Mr. Satyanarayana Raju in the session**