

**BMS****INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**INDUCTION PROGRAMME REPORT – 2019-20 ODD SEMESTER**

A Transition from one environment to other environment that is university/college life is one of the most challenging events in a students' life. New students enter an institution with their diverse thoughts. They come into a new unfamiliar environment, and many of them have little knowledge of a university/college. Therefore it is necessary to welcome new students to Higher Education and prepare them for their new role which is designed by Student Induction.

The Department of Electrical & Electronics Engineering conducted 11 day long induction program for the UG students entering the institution, right at the start. Its purpose is to make the students feel comfortable in their new environment; create a bonding with their classmates and faculties. It also helps in developing awareness, sensitivity and understanding of the self and society. The following are the activities under the induction program took place in which the students were fully engaged throughout the day for the entire duration of the program.

Sl. No	Activity	No of count	Brief description
1	Thought for the day / Ice breaking sessions	8	Description Ice breakers can be an effective way of starting a training session or team-building event. As interactive and often fun sessions run before the main proceedings, they help people get to know each other and buy into the purpose of the event. Department had conducted 8 Icebreaking sessions where in faculty members delivered various Ice breaking sessions. Few examples are, How to do self-introduction, solving puzzles ad-making etc. Outcome Positive Energy used to be there after the ice breaking sessions.
2	Universal Human Values	5	Description : It induces ethical practices in students mind and helps in making him a better citizen of the country. In the first session students were asked to write few valuable points of any one prominent national leader and engineer. In the second session The speaker initially posed some questions to the students How do you identify a good friend? What is religion for you? How bribe evolves?. He answered them with real life examples like Gordian Knot associated with Alexander the Great and comparing precision

			<p>with respect to space engineers and neurologist.</p> <p>In the third session Gandhiji movie was shown to students to make them to understand about societal contribution.</p> <p>In the fourth and fifth sessions, our faculty members stressed upon the quadrant of quality which involves long term goals, self-empowerment and introspection for long-term vision and short term motivation.</p> <p>Outcome: Students have imbibed with human values and motivated to take right decisions.</p>
3	Literary	1	<p>Description: Literary activity will encompass reading a book/article, writing its summary, and possibly, debating, enacting a play, etc.</p> <p>Faculty members began with Informal talks about books. Book by Stephen Hawking etc. Students were made to solve some logical puzzles like finding the heavier coin etc.</p> <p>Outcome: Students have understood the importance of reading books in developing logical reasoning.</p>
4	Lectures by Eminent People	2	<p>Description: Two Alumni were invited to interact with 1st year students. Alumni of EEE department discussed about improving skill sets and attitude of a graduate. Students were made aware of the need of lifelong learning via self-learning.</p> <p>Outcome: Students have understood the need of MOOC's in continuous learning.</p>
5	Visits to Local Area	1	<p>Description: The sessions were organized by the Museum authority to give awareness of recent development in physics. First session was presented by professor G. Rajasekaran on Neeutrinos and the India based Neutrino observatory. Mainly the speaker highlighted on history of physics, solar neutrinos, quantum mechanics, neutrino oscillations. The 16 year saga carried out on in the field of INO. Also emphasized on conducting of Neutrino experiments that require 1km of rock. Professor Naba K. Mondal addressed about the elementary constituents of matter, forces that control their behavior, the structure of matter using a microscope and increasing the resolution of microscope upto 10-15 and also discussed about particle accelerators.</p> <p>Outcome: Students have been made aware of</p>

			places of importance in the neighbouring places.
6	Creative Arts and Culture	4	<p>Description: With an aim of creating awareness in the minds of the students about various fine arts, such that the same is eventually visible in their engineering creations, the EEE Department worked with the Pidilite in coming up with an activity for the Induction program. The Tanjore painting which originates in the Tanjavur of Tamil Nadu State of India was selected as a starting point. The Tanjore Painting was selected amongst various possibilities the Pidilite creative arts team gave us. Ms Hiba was the resource person and she gave a step by step instruction on making the painting.</p> <p>Miss. Deeksha of V semester bharathanatyam basics to 1st year students. Aroodha of V sem student taught students about percussion basics.</p> <p>Outcome: An interest in the fine arts as a creative medium</p>
7	Extra-Curricular Activities in College - Sports , cultural activities , PBL sessions	1 2	<p>Description: Students are involved with extra and co-curricular activity like indoor and out door sports.</p> <p>Students were also involved in different levels of physical training. This session was executed by the dept. of sports.</p> <p>On the conclusion day EEE 1st year students showcased their talents via solo singing, instrument playing, mimicry, group dance.</p> <p>Senior students were asked to demonstrate their PBL project to their juniors so that, 1st year students could be motivated.</p> <p>Outcome: Students are motivated to take up PBL initiative and co-curricular talents can be talents in the future.</p>



Induction Program for AY-2019-2020 in Numbers

Sl No	Activities / Events	Count
1	Number of First year students who Participated in the Induction Program after admission in AY 2019-2020	38
2	Number of Ice Breaking sessions	8
3	Number of Faculty who participated in SIP	15
4	Number of Faculty who appreciated SIP	15
5	Number of higher sem students interacting with First Year students	9
6	Lectures by eminent personalities	3
7	Number of Alumni who interacted with First Year students	2
8	Number of external visits	1
9	Number of external Speakers	3
10	Creative Art Sessions	4
11	Number of Proficiency sessions (PBL, Projects)	2
12	Number of performance by senior students	3
13	Number of performers (students)	3
14	Number of Literary Activities	1
15	Number of students exhibiting their talents during valedictory program	4
16	Number of students who gave positive feedback for the SIP	19
17	Number of students who have given suggestion for improving the SIP	38



BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
Department of Electrical and Electronics
Avalahalli, Yelahanka Bengaluru – 64

Daily Report

Day: 1

Date: 04-08-2019

Activity-1

Department: E&EE

Coordinator: Dr. N Ramarao, HoD-EEE

(Reporting)

Planned Schedule of the Day:

Time	Activity
2:00PM to 2:40PM	Institute & Department level Orientation: <ul style="list-style-type: none">• BMSIT&M presentation.• Presentation on VTU rules and regulations.• Department presentation.• Interaction with parents

Activity Name: Institution Level Orientation

Resource Person with affiliation: Dr. Narapareddy Ramarao, HoD-E&EE

Number of Students attended:19

Time: 2:00PM to 4:00PM

Venue:CR 405

1. Session Description:

- BMSIT&M presentation: HoD briefed about Institute information to parents and students.
- Presentation on VTU rules and regulations: Department head explained university rules and regulations to parents and students.
- Department presentation– HoD presented the department profile to the gathering. He covered the following; staff information, publications, projects handled by student and faculty, laboratory facilities, activity gist, faculty and student internships etc.

Interaction with parents: A brief interaction with parents was held. HoD clarified all the doubts raised by the parents. Parents were very keen on Grades policy, open electives, Industrial visits and Project based learning etc. HoD enunciated the unique practices of BMSIT&M.

2. Session highlights:

- Briefing of best practices followed in BMSIT&M
- HoD spoke about Industrial visits relevance in strengthening curricular gaps.
- How PBL helps in improving skill and attitude based programme outcomes.

3. Photographs:



HoD Presentation



Students and parents



Group Photo

4. Outcomes achieved:

- Promoted an active interaction with parents.
- Students were made aware with the importance of skill and attitude based programme outcomes.

5. Scope for any improvement:

Images to be included in presentation of student activities.

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

Department of Electrical and Electronics

Avalahalli, Yelahanka Bengaluru – 64

Daily Report

Day: 2

Date: 05-08-2019

Activity-1

Department: E&EE

Coordinator: Dr. N Ramarao, HoD-EEE(Reporting)

Planned Schedule of the Day:

Time	Activity
9:00 am - 10:00 am	<ul style="list-style-type: none">• Welcome address & Briefing of various academic and non-academic activities, activities of Induction program such as creative arts (Pidilite Craft. Visit to local areas, Universal human values• Briefing about sports facilities, various clubs and their activities at this college, PBL projects and open courses.

Activity Name: Welcome address and briefing about the induction program

Resource Person with affiliation: Dr. Narapareddy Ramarao, HoD-E&EE

Number of Students attended:25

Time:9:00AM to 12:00PM

Venue:CR 301

1. Session Description:

- Explained about induction program as per the AICTE and VTU requirements.
- Explained about various activities conducted by Pidilite Craft officials.
- Informed about the local visit importance and dos and don'ts.
- Initial introduction was given on universal human values
- Explained about various facilities available in the BMSIT&M campus like sports, library, Xerox, medical etc.
- Informed about various clubs and activities conducted during recent years.
- Explain about importance of industry internships, PBL projects and Open courses.

2. Session highlights:

- Briefing of best practices followed in BMSIT&M
- Induction program importance and activities to be done in this program.
- Facilities available in the college, various clubs and their activities.

3. Photographs:



HoD Interaction



Interaction with senior faculty

- Students understood about importance of induction program and various activities to be conducted for next 11 days.
- Students became aware of various facilities available at the college and also about club activities.

5. Scope for any improvement:

More number of images related to previous induction program can be included.

Planned Schedule of the Day:

Activity-2

Time	Activity
10:20 am - 12:20 pm	• Principal's address in rotation among departments.

Activity Name: Principal's address

Resource Person with affiliation: Dr. Mohan Babu G.N., Principal, BMSIT&M

Number of Students attended: 25

Time: 12:00 PM to 1:00 PM

Venue: CR 405

1. Session Description:

- Addressed the students with respect to importance of non-academic activities along with academic activities.
- Discussed about personality development and professional ethics.
- Made the students to realise the importance of universal human values and social responsibility of every citizen.

2. Session highlights:

- Briefing of best non-academic activities held in the recent past in BMSIT&M

- Informed about importance of social responsibility & personality development.
- Explained about significance of Professional ethics and universal human values.

3. Photographs:



Principal's interaction

4. Outcomes achieved:

- Participation in non-academic activities.
- Personality development and Professional ethics
- Universal human values and social responsibility

5. Scope for any improvement:

* More interaction with students may give better response from the students.

Planned Schedule of the Day:

Activity-3

Time	Activity
01:30 pm - 04:00 pm	<ul style="list-style-type: none"> • 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) • Lab visit & college tours by mentors for their mentees

Activity Name: Mentor-mentee groups and EEE Lab visits

Resource Person with affiliation:Dr.Sanjay Lakshmi Narayan, Mr.H.D.Kattimani and Dr.Madhu Palati

Number of Students attended:25

Time:2:00PM to 4:00PM

Venue:CR 301

1. Session Description:

The total current strength was divided equally into three groups and the late admission students will be equally allotted into the three groups. First 20 students will be mentored by Dr.SanjayLakshminarayana, Middle 20 students will be mentored by Mr.H.D.Kattimani and last 20 students will be mentored by Dr.MadhuPalati.

Mr.H.D.Kattimani briefed about the need and importance of Proctorship. Close monitoring, counseling, maintaining records about his academic performance, attendance performance, any other issues will be done under proctorship from the day of joining this institution till the student obtains his degree. Dr.MadhuPalati discussed about the academic things such as regular core subjects, open electives, professional electives, labs, project based learning, internship and their weightage, Technical talks, Industrial visits. Time table, calendar of events, activities performed under department club, encouragement to students in terms of financial assistance from management side related to good projects, sports and cultural events etc., and Dr. Sanjay Lakshmi Narayan spoke about research activities carried in college.

The students were taken to DC machines and AC machines Lab, importance of machines lab in curriculum and relating the experiments to industrial applications was explained. Students were given awareness of Basic Electrical Engineering lab, High voltage Lab, Simulation Lab, Digital lab, CAED lab, Analog electronics lab, Micro controller Lab and Power Electronics Lab.

2. Session highlights:

- Importance of Proctorship via Close monitoring, counselling.
- Electrical course classification.
- Institute Research activity summary.

3. Photographs:



Session on EEE curriculum



Briefing of Research activities



Visit to Machines Lab



mentor mentee group formation

4. Outcomes achieved:

- Students are able to understand facilities created for student learning.
- Students are able to identify labs within the department.
- Students are able to appreciate the research happenings in the campus.

5. Scope for any improvement:

Interaction can be infused with video demonstration.

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
Department of Electrical and Electronics
Avalahalli, Yelahanka Bengaluru – 64

Daily Report

Day: 3

Date: 06-08-2019

Activity-1

Department: E&EE

Coordinator: Dr. N Ramarao, HoD-EEE(Reporting)

Planned Schedule of the Day:

Time	Activity
9:00PM to 9:30AM	• Thought for the day/Ice Breaking Sessions

Activity Name: The Bests

Resource Person with affiliation: Dr. Narapareddy Ramarao, HoD-E&EE

Number of Students attended:28

Time:9:00AM to 10:00AM

Venue:CR 301

1. Session Description:

- Spend three minutes finding three interesting facts about a partner and then discuss them as a group. Interviewers will ask pointed, specific questions and subjects will answer them to the best of their ability. Afterwards, the interviewer will report to the rest of the group about what they learned.

2. Session highlights:

- Students getting familiar with each other more and more.

3. Photographs:



Thought for the day/Ice breaking sessions

4. Outcomes achieved:

- Students are more comfortable with new surroundings.

5. Scope for any improvement:

More time may be provided for making event more effective.

Planned Schedule of the Day:

Activity-2

Time	Activity
09:30 am - 11:00 am	Universal Human Values
11:30 am - 1:00 pm	Universal Human Values

Activity Name: Activity on Universal Human Values-1

Coordinator: VikramChekuri

Activity Name: Principles of Human Values

Resource Person with affiliation: Prof. GanapathyHebbar H

Number of Students attended: 30

Time: 9:30 AM to 11:00 AM

Venue: CR 405

1. Session Description:

The speaker Prof. GanapathyHebbarH, divided the class into 5 groups and asked the students to write few valuable points of any one prominent national leader and engineer. Later he called the students from each group to summarize the values of each prominent person.

2. Session highlights:

Importance of Values such as

- Truthfulness
- Honesty
- Loyalty
- Spiritual Values such as truth, righteousness, peace, love and non-violence

3. Photographs:



4. Outcomes achieved:

Students understood the real sense of the above stated human values.

5. Scope for any improvement: ----

Activity-3

Activity Name: Activity on Universal Human Values-2

Coordinator: VikramChekuri

Resource Person with affiliation:Mr. PrashanthHebbbar, Director, Knobly Consulting LLP

Number of Students attended:30

Time:11:30 AM to 1:00PM

Venue:CR 405

1. Session Description:

As part of Universal Human Values, the department of Electronics and Telecommunication Engineering & Electrical and Electronics Engineering jointly organised a talk on “Value of Truth” by Mr. PrashanthHebbbar, Director, Knobly Consulting LLP. The speaker initially posed some questions to the students How do you identify a good friend? What is religion for you? How bribe evolves?. He answered them with real life examples like Gordian Knot associated with Alexander the Great and comparing precision with respect to space engineers and neurologist.

2. Session highlights:

- Impact of precision for engineers and doctors
- Identification of a good friend

3. Photographs:



4. Outcomes achieved:

Students understood the value of truth wrt changing perspectives (Engineers and Doctors).

5. Scope for any improvement:

Interaction can be infused with video demonstration.

Planned Schedule of the Day:

Activity-4

Time	Activity
02:00 pm - 04:00 pm	<u>College level clubs</u> Library (20 mins) Alumni (10 mins) Quiz (10 Mins) RedCross (10 Mins) NSS (10 mins) Eco club (30 mins) NCC (15 mins) Photography (15 mins) (Academic Block – CR405)

Activity Name: Briefing of Institute student clubs and societies

Coordinator:Ozwin Dsouza

Resource Person with affiliation:

Library : Sri. Gopalakrishna and Sr. SharathSagar

Alumni : Sri. Gireesh Babu

Quiz : Dr. Usha

RedCross : Sri. Ravindra Asundi

NSS : Sri. Shivakumar T

Eco club : Dr. Rajesh Gopinath

NCC : NCC Cadets

Photography : Sri. Ozwin Dsouza

Number of Students attended:20(EEE) and AInML and ETE students

Time:2.00PM to 4.00PM

Venue:CR 405

1. Session Description:

Library:Session was started with Library induction given by Sri. Gopalakrishna (Librarian) and Sr. SharathSagar(Library team member). Librarian explained about different aspects of library, as in borrowing rules, late submission, discipline in library premises, collection of weekly magazines, newspapers, journals etc. He also explained about online usage of library portal. Sri. Gopalakrishna clarified students doubts regarding library usage policies, number of books permitted to borrow, book bank scheme to name a few.

Alumni:The second session was handled by Alumni coordinator Sri. Gireesh Babu. Gireesh Babu gave online demonstration of “ How to use alumni website”. He explained various features of alumni website. In the latter half he explained the students about the benefits of joining alumni network. He also mentioned that many alumni have come forward to mentor the young students.

Quiz:Dr. Usha, HoD ISE and student team handled this session. Dr. Usha gave a lively briefing about quiz club and its objectives. Student members of quiz club made this session as an the spot quiz questions. To their surprise 1st year students answered all of them. There was good amount of fun quotient floating in the air during this session.

RedCros: Sri. Ravindra Asundi, Institute coordinator of RedCross wing handled this session. Sri. Asundi explained about the Importance of being a volunteer and what he/she can contribute.

NSS: Sri. Shivakumar T, coordinator delivered the objectives of NSS wing. He showed many pictures of NSS club activities. He explained the real motivation behind Swatch Bharath Abhiyaan, Rally for Rivers etc. He requested First year students to stay away from drugs and to donate blood to the needy person. Students were very keen on joining this club.

Eco club:Dr. Rajesh Gopinath, Key Liaison of Eco club took charge of the session. He started his session with a Video of Sir. David Attenburg, World renowned nature conservist. He enunciated the various objectives of Eco club, the functionalities and moral responsibilities.

Various events covered by eco club were shown to students. He also mentioned the fact that eco club is the only club that has an active MoU with National Law School of India. He also shared the fact that, delegate from UN had come down to BMSIT to handover a certificate of appreciation to BMSIT student. Students interacted very enthusiastically with Dr. Rajesh.

NCC : Sargent from NCC wing handled this session. Hey explained about the importance of having NCC A B and C certificates. He mentioned that with all the three certificates a graduate can claim reservation under Govt. job sector.

He also told about NCC camp and how it helps in moulding a young student's in terms of discipline, dedication and devotion. Students were made aware about the fact that NCC is nations 2nd line of defence. Hence all the NCC cadets get to use the real rifles to practice with. In the second half he explained about republic day parade and advantage of having selected there.

Photography : Sri. Ozwin Dsouza, coordinator of Photography club handled this session. He started the session with objectives of the club. The main objectives were 1. Photographic coverage of official institutional importance events like, Tech-Transform, 1st year Inauguration, Farewell function etc. he mentioned that the coverage helps in developing a strong database of photographic evidences.2. Coverage of Uthsaha Fest (Annual Techno-Cultural Fest of BMSIT)

Here student volunteers plan and execute the coverage of all the events. This includes the promotional video of Fest also!

A few videos created by the past members were shown to students.

2. Session highlights:

- Impact of NSS club in nurturing “give away” side of humans.
- Need for nature conservation.
- How NCC helps in making a graduate more disciplined.

3. Photographs:



Library session



Alumni Session



Quiz Club interaction



RedCross club interaction



NSS presentation



ECO Club presentation



NCC presentation



Photography club briefing

4. Outcomes achieved:

- Students understood the functionalities of various club at institute level

5. Scope for any improvement:

Senior students can be engaged while delivering the sessions.

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

Department of Electrical and Electronics

Avalahalli, Yelahanka Bengaluru – 64

Daily Report

Day: 4

Activity-1

Date: 07-08-2019

Department: E&EE

Planned Schedule of the Day:

Time	Activity
9:00AM to 10-00AM	• Ice breaking and general introduction

Activity Name: Ice breaking and introductory session.

Resource Person with affiliation: Dr. Sanjay Lakshminarayanan, Professor, EEE

Number of Students attended:29

Time:9:00AM to 10:00AM

Venue:CR 405

1.Session Description:

- Greetings followed by general introduction by name.
- A small puzzle on finding a counterfeit coin by weighing was discussed.
- A flavour of what the 4 years will teach the students was discussed.
- How an inductor behaves, how it modelled using mathematics is.
- What is the nature of the power supply we get?
- A flavour of AC circuits was given. Power= $V \cdot I$ was discussed, how an inductor in an ac circuit does not draw any active power.
- How imaginary numbers are represented and $e^{j\theta} = \cos \theta + j \sin \theta$.

2. Session Highlights:

Informal talk on how students travelled by BMTC bus etc., about reaching college from home.

3. Photographs:



Icebreaking session

4. Outcomes achieved:

- Students are able to relate mathematics in day today applications.
- Able to understand the power supply fundamentals.
- Able to introduce themselves in front of a large audience.

5. Scope for any improvement:

Audio visual interaction can be used to facilitate better interaction

Day: 4

Date: 07-08-2019

Activity-2

Department: E&EE

Coordinator: Prashanth.N.A-EEE(Reporting)

Planned Schedule of the Day:

Time	Activity
9.30AM to 1:00PM	Institute & Department level Orientation: Universal Human Values – Gandhi movie

Activity Name: Universal Human Values – Gandhi movie

Resource Person with affiliation:Gandhi movie

Number of Students attended:29

Time: 10:00 AM to 1:00PM

Venue:Seminar Hall 2nd floor Academic block

1. Session Description:

This is far and away one of the most inspirational films and a must-see for anyone wanting to make a difference in the world. A multitude of universal lessons can be found here: stand up against injustice, love your neighbour and Gandhi's own "an eye for an eye makes the whole world blind" are some of the most prevalent. But the highlight of the film is by far Ben Kingsley's incredibly lifelike and justly humane performance in the daunting title role. However: there is little appeal for pre-teens here due to the subject matter, run time and frequent violent scenes (plus some racist language). Overall, though, the film definitely does justice to the incredible person at the story's centre.

2. Session highlights:

This movie is not only inspirational and educational but it is also thrilling to watch. A film that deserved its best picture Oscar.

- Gandhi features both Ben Kingsley and director Richard Attenborough at their bests.
- The movie is an epic that depicts Gandhi from his start as a lawyer all the way through his rise to being one of India's most influential figures.
- The evolution of the character was a fascinating thing in itself.
- The movie contains some violence including massacres and beatings, but the violence is controlled.

3. Photographs:

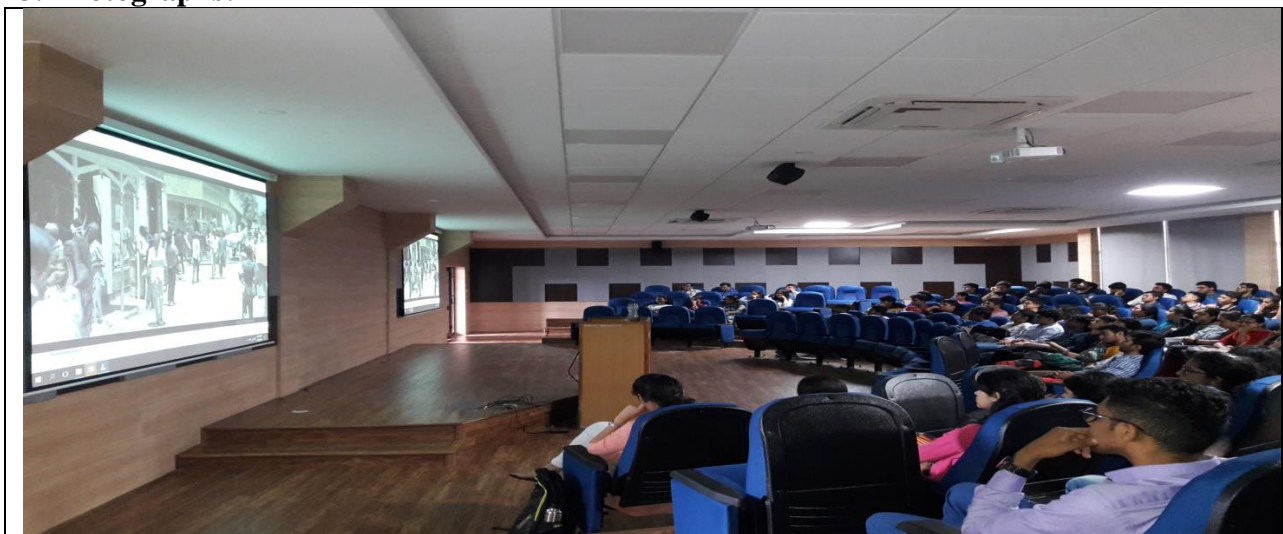




Photo of students watching Gandhi movie

4. Outcomes achieved:

- Students were able to learn the Ambition and Energy which were inherent in Mahatma Gandhiji during Freedom struggle.
- Students were made aware with the importance of honesty at work, goal and towards the motherland which were demonstrated by Gandhiji.
- The confidence that Gandhiji demonstrated in attaining independence increased the confidence levels of students.

5. Scope for any improvement:

Other inspirational movies on great personalities like Swami Vivekananda can be shown to enhance the moral values of students.

Day 4

Date: 7.8.2019

Activity-3

Department: E&EE

Coordinator: Dr. Madhu and Mr. Babu Naik-EEE (Reporting)

Time	Activity
02:00 pm - 04:00 pm	<u>College level clubs</u> Innovation (30 mins) Incubation (20 mins) IPR (30 Mins) Entrepreneurship (20 mins) Co cubes Address (20 mins) Seminar Hall second floor Academic Block

Activity Name: Briefing of Institute student clubs and societies

Resource Person with affiliation:

Innovation	: Mrs.Shama
Incubation	: Dr.Sangamesh
IPR	: Mr. Praveen Kumar
Entrepreneurship Development Cell	: Students of Second Year Mechanical
Co Cubes	: Mr. Babu Naik

Number of Students attended : EEE and AI and ML and ETE students
Time : 2.00PM to 4.00PM
Venue : Seminar Hall second floor Academic Block

1. Session Description:

Innovation: Mrs Shama started the session by briefing about innovation centre initiatives and the activities conducted by the innovation centre. She briefly explained about prototyping, Students participation, Awareness program, Funding and Promotion to set up start up, Idea Contest, Industry Interaction and Plan for 2019-20. Also showed the videos of prototype models developed by BMSIT students.

Incubation: Dr Sangamesh briefed about incubation centre. He explained about the process of transforming the prototype model to product. He also explained how to market the product. He also mentioned about the Mentoring, Networking, Marketing, Industry Linkages, Connecting to Angel Investors and seed funding from various funding agencies.

IPR: Mr. Praveen Kumar, addressed the students on the need for patenting any product or idea. He also mentioned the various procedures involved in filing a Patent. He also explained about the various activities conducted by the IP cell such as creating awareness among students and faculty, Evaluation of Patentable projects and organizing workshop/training for both students and staff members. He shared the details of the patents filed by the institute.

Entrepreneurship Development Cell: Students of second year mechanical branch Mr Rishi Dineshwar, Nitin S and Mazin Omar briefed about Entrepreneurship Development Cell and the activities performed by that cell. The initiatives and the events organized from 2013 to till date was briefed. They also mentioned about the number of students turned into entrepreneurs from various departments. They also motivated the students to become entrepreneurs rather than becoming job seekers.

Co-Cube Placement Address: Mr. Babu Naik , EEE department placement co-ordinator addressed the students about the importance of Co cube test. He mentioned that the co cube test will be conducted from 5th to 8th semester. On the basis of performance in the co cubes test , the students will be shortlisted for the further recruitment process.

2. Session highlights:

- Impact of Innovation Activities in developing the prototypes for the societal needs .

- Need for Incubation for transforming the prototype models into products.
- Getting patents/copyrights for innovative ideas.
- Motivation to become Entrepreneurs.
- Importance of Co Cube Placement.

3. Photographs:



Entrepreneurship Development Cell



IPR cell



Incubation centre



Innovation Centre



Co Cubes Placement

4. Outcomes achieved:

- Students understood the functionalities of various clubs at institute level

5. Scope for any improvement:

Students can be included to share their experiences with 1st year students.

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

Department of Electrical and Electronics

Avalahalli, Yelahanka Bengaluru – 64

Daily Report

Day: 5

Date: 08-08-2019

Activity-1

Time	Activity
09:00 am - 09:30 am	Thought for the Day/Ice breaking

Activity Name: Ice Breaking

Resource Person with affiliation: Babu Naik G

Number of Students attended: 36 EEE students

Time: 9.00AM to 9.30AM

Venue: CR 405

1. Session Description:

Ice Breaking: Mr. Babu Naik G, EEE department addressed the students about the importance of electromagnetism and explained about Vector graph experiment to realize the field practically. He mentioned about spherical charge on the surface and calculation of electric field at particular point located. He demonstrated a video for understanding the existence of field on a surface.

2. Session highlights:

- Importance of electromagnetism in practical applications and thinking innovative ideas experiment.

3. Photographs:



4. Outcomes achieved:

- Students understood the importance of electromagnetism

5. Scope for any improvement: -----

Daily Report

Day: 5

Date: 08-08-2019

Activity-2

Time	Activity
09:30 am – 11.00 am	Universal Human Values-1

Activity on Universal Human Values-1

Coordinator: VikramChekuri

Activity Name: Prioritize the Goals

Resource Person with affiliation: Dr. Rama Rao and VikramChekuri, BMSIT&M

Number of Students attended: 36

Time: 9:30 AM to 11:00AM

Venue: CR 405

1. Session Description:

The students were asked to list down the goals in some of the following categories Career, Education, Family, Artistic, Financial, Public Service, etc. Then the students were asked to prioritize the goals as per 4 quadrants Urgency, Quality, Deception and Waste. Finally speaker stressed upon the quadrant of quality which involves long term goals, self-empowerment and introspection for long-term vision and short term motivation.

2. Session highlights:

Quadrants of Goals (Urgency, Quality, Deception and Waste)

Career Passion and Personal Satisfaction

3. Photographs:



4. Outcomes achieved:

Students understood the importance of prioritizing goals for long-term vision and short term motivation.

5.Scope for any improvement: More involvement of students is to be encouraged.

Daily Report

Day: 5

Date: 08-08-2019

Activity:3

Time	Activity
11:00 am – 1.00 pm	Universal Human Values-1

Activity on Universal Human Values-2

Coordinator:Mrs.SumaUmesh

Activity Name: Seven Habits of Highly Effective Teenagers

Resource Person with affiliation:Mrs.SumaUmesh, BMSIT&M

Number of Students attended: 37

Time: 11:30 AM to 1:00PM

Venue: CR 404

1. Session Description:

The students were asked to introduce themselves to the group emphasizing on their hobbies and interests. It was surprising for them that they did not know each other by their names and their background in these 4/5 days.

The session was basically on how to be effective as teenagers, how to have a effective campus life in the coming 4 years of graduation, what are the 7 habits (as per the bestselling author Sean Covey's Book titled '7 Habits of Highly Effective Teens') that make them successful in life. The seven habits were emphasized through presentation and were discussed.

2. Session highlights:

- Seven habits of highly effective Teenagers:
- Be Proactive
- Begin with the end in the mind
- Put first things first
- Think win-win
- Seek first to understand; and then to be understood
- Synergize
- Sharpen the Saw

3. Photographs:



Universal Human Values-2 session under progress

4. Outcomes achieved:

Students understood the importance of cultivating effective habits to be happy and succeed in life.

5. Scope for any improvement: More involvement of students is to be encouraged.

Daily Report

Day: 5

Date: 08-08-2019

Activity: 4

Time	Activity
2.00pm – 4.00 pm	Traffic Police Control (30mins), Dept sports (30 mins) Sports Activity (1 hour)

Activity Name: Sports Session

Resource Person with affiliation:

Traffic Police Control: Mr. Somashekar - ASI

Dept. sports presentation: Mr. Patil

Number of Students attended: 37

Time: 2.00pm to 4:00pm

Venue: Amphitheatre

1. Session Description:

Traffic Police Control: Mr. Somashekar – ASI started the session by briefing about the Traffic Police Control. He briefly explained about Vehicles accidents, Bangalore city rules and driving rules. He demonstrated about the vehicle accident, video earthquake, slippery road sign and driving awareness program.

Department sports presentation: Mr. Patil briefed about the Institute sports activity. He explained about the process of sports conduction and selection of students for different sports. He also shared the information about student sports excellence over the years. In the later half he explained about institute gymnasium and different equipment list. He also told about cricket practice facility. He asked students to visit trophy cabinet placed at the entrance of academic block.

Sports Activity: The session started with normal stretching. This session was handled by Mr. Patil and Mr. Murali from Sports Dept. They demonstrated different stretching postures to students. This was followed with particular stretching. Here Mr. Patil made the students to stretch the particular portion of the body.

In the second half students were made to undergo warm-up exercises. Lunges, bunny hop, jumping jacks etc. were done during this session. The session was concluded with cool down session. Mr. Patil explained the importance of cool down session in sports activities

2. Session highlights:

- Facts about Bangalore traffic.
- Information about sports facilities and laurels won by BMSIT&M students
- Importance of physical activity in personality development.

3. Photographs:



Live camera feed of Bangalore police



Audience at the venue



Sports presentation by Mr. Patil



Normal stretching



Warm-up session



Cool down session

4. Outcomes achieved:

- Awareness about traffic rules and regulations.
- Awareness about different sports facilities.
- Can demonstrate different stretching exercises

5.Scope for any improvement:More involvement of students is to be encouraged.

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

Department of Electrical and Electronics

Avalahalli, Yelahanka Bengaluru – 64

Daily Report

Day: 6

Date: 09-08-2019

Activity-1

Time	Activity
09:00 am - 09:30 am	Thought for the Day/Ice breaking

Activity Name: Ice Breaking

Resource Person with affiliation: Dr.Prashant A Athavale

Number of Students attended:35

Time:9.00AM to 9.30AM

Venue:CR 405

1. Session Description:

Ice Breaking: As part of the Ice Breaking session, Prashant A. Athavale, Asst Prof. E&EE Department, engaged the session in the morning. Each student was asked some questions related to the Department, and the Institute, keeping in mind the happenings in the last 10 days. Some students were able to answer, but most were unaware of the facts. Drawing a parallel from the current affairs, the students were told about the importance of co-curricular activities, in shaping ones personality. Around 35 students were present.

2. Session highlights:

- Faculty student interaction.

3. Photographs:



Ice Breaking session

4. Outcomes achieved:

- Students have consented to be a part of various activities happening in the Department, and at the Institute.

5. Scope for any improvement: -----

Daily Report

Day: 6

Date: 09-08-2019

Activity-2

Time	Activity
9:30 Am - 04:00 pm	Visits to local areas (Visvesvaraya Industrial and Technological Museum)

Activity on Local Visit

Coordinator: Dr. Madhu Palati

Activity Name: Visits to local areas (Visvesvaraya Industrial and Technological Museum)

Resource Person with affiliation:Resource Person with affiliation:

1. **G.Rajasekaran**
Professor,
Indian Institute of Mathematical Sciences,
Chennai
2. **Naba K Mondal**
Raja Raman Fellow
Saha Institute of Nuclear Physics
Kolkata

Number of Students attended: 30

Time: 9:30 AM to 4:00PM

Venue:Visvesvaraya Industrial and Technological Museum

1. Session Description:

EEE Students along with three faculty Dr Madhu Palati, Mr Rajnikanth and Mr.VikramChekuri attended the VignanSamagam, First Mega Science Exhibition in India at Visvesvaraya Industrial and Technological Museum, Bangalore. The sessions were organized by the Museum authority to give awareness of recent development in physics. On this day the sessions were on India Based Neutrino observatory (INO). First session was presented by professor G. Rajasekaran on Neutrinos and the India based Neutrino observatory. Mainly the speaker highlighted on history of physics, solar neutrinos, quantum mechanics, neutrino oscillations. The 16 year saga carried out on in the field of INO. Also emphasized on conducting of Neutrino experiments that require 1km of rock.

Professor Nabak.Mondal addressed about the elementary constituents of matter, forces that control their behavior, the structure of matter using a microscope and increasing the resolution of microscope upto 10^{-15} and also discussed about particle accelerators.

After the sessions students visited the different exhibition halls in Museum Engine Hall - How things work, Electrotechnic, Fun Science, Space Technology Gallery , BEL-Hall of Electronics and Science for Children.

2. Session highlights:

- Importance of Nuclear Physics.
- Research in Indian based Neutrino observatory
- Exposure to basic working principle of various mechanical and Electrical models.

3. Photographs:



Session by Naba K Mondal



Session by G. Rajasekaran



Visit to Visvesvaraya Museum

4. Outcomes achieved:

- Students understood the working principles of Electrical and Mechanical models displayed at Museum and also got awareness about the research work in India Based Neutrino observatory.

5. Scope for further improvement: More such reach-out activities to be organized. Similar events can be organized the future.

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

Department of Electrical and Electronics

Avalahalli, Yelahanka Bengaluru – 64

Daily Report

Day: 7

Date: 10-08-2019

Activity-1

Time	Activity
09:00 am - 09:30 am	Thought for the Day/Ice breaking

Activity Name: Ice Breaking

Resource Person with affiliation: Sri. Kattimani H.D. and Mr. Prashanth NA

Number of Students attended: 27

Time: 9.00AM to 9.30AM

Venue: CR 405

1. Session Description:

Ice Breaking: As part of the Ice Breaking session, Kattimani H.D., Associate Prof. and Mr. Prashanth NA, Assistant Prof. E&EE Department, engaged the session in the morning. This session was all about knowing each other. As an ice breaking initiative, The speakers introduced themselves to the audience. Then the students were made to introduce themselves in front the class by highlighting their aspiration in life and their hobbies. This session was a great help in understanding each other's interests.

2. Session highlights:

- Self-introduction.
- Laughter and sense of humour.

3. Photographs:



Student interaction with faculty



Ice Breaking session

4. Outcomes achieved:

- Students developed confidence to talk in front of the class.
- Improvement in communication.

5. Scope for any improvement:

Activity based delivery to be continued.

Daily Report

Day: 7

Date: 09-08-2019

Activity-2

Time	Activity
9:30 Am - 11:00 pm	<ul style="list-style-type: none">• Career guidance• Interaction with seniors• Alumni Interaction

Activity on Local Visit

Coordinator:Mr. Ozwin Dominic Dsouza

Activity Name: Career guidance
Interaction with seniors
Alumni Interaction

Resource Person with affiliation:Resource Person with affiliation:

Career Guidance: Ozwin Dominic Dsouza, Asst. Prof. Dept. of EEE, BMSIT&M

Interaction with seniors: Miss. Deeksha P, V sem EEE
Mr. Deol P, V sem EEE

Alumni Interaction: Mr.Azeez Khan, Engineer, ABB Pvt. Ltd., Bangalore
Mr. LokaAbhiram A, Reseach Scholar, Innovation center

Number of Students attended: 27

Time: 9:30 AM to 4:00PM

Venue:Visvesvaraya Industrial and Technological Museum

1. Session Description:

Career Guidance: Ozwin Dsouza, Asst. Professor, Dept. of EEE delivered this session. He started the session by interacting with the students to speak about their target after the graduation. Very interesting answers were floating around the room. Entrepreneur, being a team member of a startup firm, teacher etc. etc. were some of the replies from students. Later Mr. Ozwin spoke about the career path after graduation. He classified the path in two ways viz higher

studies sector and Job sector. He also spoke about different avenues in job sector. He concluded the session with higher education information.

Interaction with seniors: Miss Deeksha and Deol from V SEM EEE interacted with the students. Deeksha spoke about “How to balance academics and study life”, she gave an example of herself. Deeksha told about her vidvat qualification in classical dance along with high grades in VTU exam. Deol mainly concentrated on sports and extra-curricular activities. He spoke about the culture of industrial visits and support extended by EEE department over the years in nurturing sporting talents of students.

Alumni Interaction:

a. Mr. Azeez Khan spoke about his student life at EEE department. He talked about the importance of participating in student contests. He also mentioned about taking up key roles in organizing college fest utsaha. In his second half of the speech he explained the importance of self-learning. He asked the students to take up at least 1MOOC in a semester.

b. Mr. LokaAbhiram A, shared his research journey at BMSIT. He explained the importance of EEE course in the field of Electric Vehicles. He also spoke about the opportunities for EEE graduates in the job market. He asked the students to utilize the facilities of Innovation Center. In the final half of his speech he spoke about Electric Vehicle fundamentals.

3. Photographs:



Career guidance session



Ozwin Dsouza Delivering the session



Senior Interaction	Some glimpses of senior interaction
	
Azeez, interacting with students	LokaAbhiram delivering the session.
	

4. Outcomes achieved:

- Students were sensitized about career opportunities after graduation.
- Rapport building with seniors.
- Understood the need of MOOC's

5. Scope for further improvement:

Similar events can be organized the future.

Day: 7

Date: 10-08-2019

Activity: 3

Department: E&EE

Coordinator: H D Kattimani and ShilpaG(Reporting)

Planned Schedule of the Day:

Time	Activity
11:30AM to 1:00PM	Department level Orientation: <ul style="list-style-type: none"> • Project and PBL exhibition

Activity Name: 3 D Printer and Pick and Place Robot

Resource Person with affiliation: RohanChinni, SompalliSaket, EnthaRohit – VII sem, EEE

Prashanth R, Bharat Bhaskar, Binoj, Siddarth – V Sem, EEE

Number of Students attended:27

Time:11:30AM to 1:00PM

Venue:CR 405

1. Session Description:

- Professor H D Kattimani gave an introduction of Project Based Learning (PBL). He explained about the importance of PBL as part of the curriculum. He encouraged the students to build the projects from the very first semester.
- Two projects were demonstrated by the students. One project titled “**3D Printer**” by VII sem students and the other titled “**Pick and Drop**” by V sem students.

2. Session highlights:

- The first project demonstration is a cost effective 3D Printer. It uses a poly latic acid as the material to print the objects. The software AUTOCAD is used to load the model to the controller. The project has 5 stepper motor to control the X-Y-Z axis. The project used modified version of Arduino UNO and Rasberypie for controlling the motors.
- The second project reduces the human effort. It has 5 servo motors which controlled by pots. The servo motors and pots are controlled by Arduino UNO.

3. Photographs:



4. Outcomes achieved:

- The first year students were very enthusiastic about the projects demonstrated.
- The students interacted with the seniors to know more about the projects.

5. Scope for any improvement:

PPT/ poster presentation also could be done by the students.

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT**Department of Electrical and Electronics**

Avalahalli, Yelahanka Bengaluru – 64

Daily Report**Day: 8****Date: 13-08-2019****Activity-1**

Department: E&EE

Planned Schedule of the Day:

Time	Activity
9.00AM to 9.30AM	• Thought for the day/Ice breaking session

Activity Name: Thought for the day/Ice breaking session**Resource Person with affiliation:** Mrs. Manjula B.K., Asst. Prof, Dept. of EEE**Number of Students attended:** 35**Time:**9.00AM to 9.30AM**Venue:** CR 405**1. Session Description:**

The ice breaking session to I year students of Electrical & Electronics Engineering started at 9.00 am in Room CR 405 with introduction of each student. An activity was conducted by forming eight groups with five students in each group randomly. Each group was given with a short moral story about faith, confidence, inner strength and team work and so on... The students were asked to come up with the moral of each story as team. The students participated actively as it was situation they could judge about it. Ice breaking session was concluded at 9.30 am by making each student to interact and share their views as a team member.

2. Session highlights:

- Voicing out your opinion

3. Photographs:



Ice breaking session under progress

4. Outcomes achieved:

- Peer group interaction achieved.

5. Scope for any improvement:

Multi-media presentation based approach to be incorporated.

Daily Report

Day: 8

Date: 13-08-2019

Activity-2

Department: E&EE

Coordinator: Dr.Prashant A. Athavale (Reporting)

Planned Schedule of the Day:

Time	Activity
9.30AM to 1.00PM	Creative Arts • (In respective Department)

Activity Name: Creative Arts

Resource Person with affiliation:Ms. Deeksha P., MrAroodhaG. P., Mr Wilson J., all from 5thSem, EEE, BMSIT&M

Number of Students attended:35

Time:9.30 AM to 1:00PM

Venue:CR 405 and CR 402

1. Session Description:

In order to create an interest in various types of arts (performing, fine arts etc) a session was planned for the first year students which will give an insight in to select art forms such as dance and instrumental music. The same was also used as an opportunity to create a platform for the current higher semester students who have attained a considerable level in one or the other arts. Thus three above mentioned students were roped in in this task. Ms Deeksha was the resource person for the morning session, in which she engaged the students in a discussion and demonstration of the Bharatanatyam. She gave a description of the typical concert starting with a *Pushpanjali*, and went on till *Thillana*. She also made few groups of the attendees and gave them simple topics to be enacted highlighting the *Abhinaya* aspect of Bharatanatyam.

Next the session was engaged by Mr Arrodha G. P. he is a percussionist specialising in Tabla, a major Hindusthani concert instrument. Apart from giving a detailed history of the instrument and construction features, he also showed videos of several maestros of yester years and their playing styles. In a group activity, he demonstrated the beats and made the attendees reciprocate with tapping the table with patterns. Mr Wilson Jackson took over to show some music editing software and how to use them for ones applications. He also gave an over view of compositions in the western music.

2. Session highlights:

- Group activity and the response of the students

3. Photographs:



Ms Deekha P and the attendees



Mr Aaroodha G P during the session

4. Outcomes achieved:

- The students can now appreciate the importance of arts in their life

5. Scope for any improvement:

Facilities for Multi-media presentations require attention

Daily Report

Day: 8

Date: 13-08-2019

Activity-3

Department: E&EE

Coordinator: Dr. Sanjay and Mrs. Shilpa G (Reporting)

Planned Schedule of the Day:

Time	Activity
2.00pm to 4.00pm	• Reading and literary activities followed by talk on NSS

Activity Name: Reading and literary activities and introduction to NSS from Mr. Suresh

Resource Person with affiliation: Dr. Sanjay Lakshminarayanan, Shilpa .G

Number of Students attended: 25

Time: 2.00 to 4.00 pm

Venue: CR 405

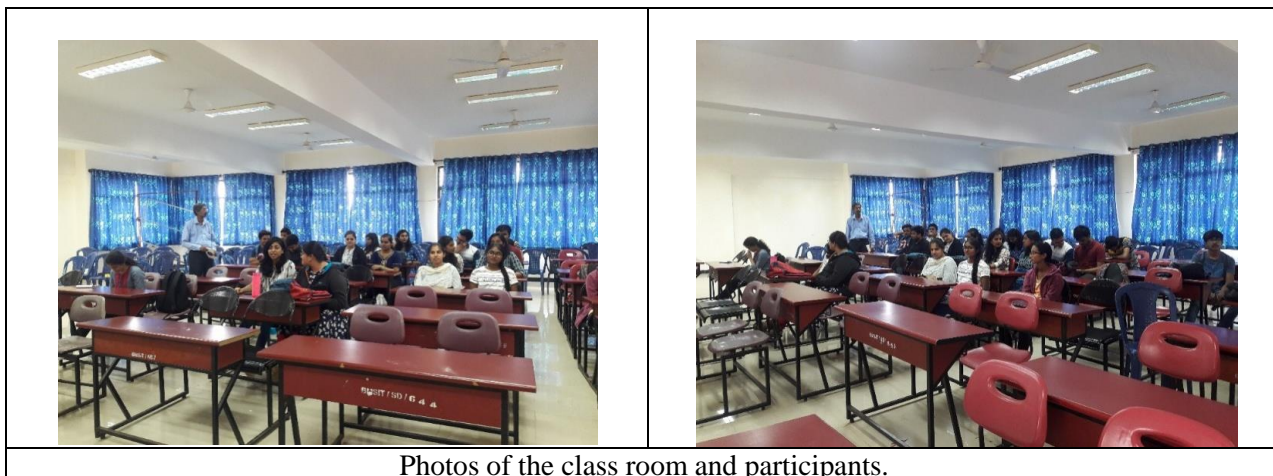
1. Session Description:

- Started with a puzzle, finding the heavier coin.
- Informal talks about books. Book by Stephen Hawking discussed with some.
- Talk on NSS activities by Suresh (Mech).

2. Session highlights:

- Informal discussion: Blood donation discussed with Prof. Suresh, why donate?

3. Photographs:



Photos of the class room and participants.

4. Outcomes achieved:

Hope students will have wide reading habits and be sensitive to social issues.

5. Scope for any improvement:

Facilities for Multi-media presentations require attention

Daily Report

Day: 8

Date: 13-08-2019

Activity-4

Department: E&EE

Coordinator: Ozwin Dsouza (Reporting)

Planned Schedule of the Day:

Time	Activity
9.30AM to 4:00PM	• Local Visit (resource person for Photography bsics }

Activity Name: Local Visit

Resource Person with affiliation: Ozwin Dsouza, Asst. Prof, Dept. of EEE, BMSIT&M.

Number of Students attended: 35

Time: 2.00 AM to 4:00PM

Venue: Near Nandi hills

1. Session Description:

On 13th Aug 2019, the first year students from Department of Civil Engineering have embarked upon a visit to Horaginbetta, off Nandi Hills. During the visit, the students were instrumental in clearing the place of plastics and beer bottles left behind by trekkers. This outreach activity was

most imperative since the littering was a potential threat to the wildlife and aesthetics of the hillock. The students were accompanied by Dr Rajesh Gopinath and Mrs Shimna.

On this occasion Mrs Chetana (Oikos) and Mr Ozwin (photography club) had also offered their valuable support. Mrs Chetana was instrumental in motivating students in carrying out dispersal of seedballs of water apple and guava to enhance fruit bearing tree cover for birds and other mammals.

She was joined by student members of oikos in this exercise with several first year civil engineering students becoming members as well. Mr Ozwin with a dedicated group of students was providing training on landscape and Nature photography to the budding student photographers.

The aforementioned mentioned trip was a joint exercise between Department of Civil Engineering, Eco-Club and Photography club at BMSIT&M.

2. Session highlights:

- Cleaning the tourist spot as a part of swachbharatabhiyaan.
- Documenting flora and fauna of Nandi Hills region.

3. Photographs:



Ozwin Dsouza with students



Rare butterfly pics



Few more butterfly pics



Seed dispersal

4. Outcomes achieved:

- Students implemented Swatch Bharath Abhiyaan.
- Learnt photography basics.

5. Scope for any improvement:

Such initiatives need to be strengthened.

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
Department of Electrical and Electronics
 Avalahalli, Yelahanka Bengaluru – 64

Daily Report

Day: 9

Date: 14-08-2019

Activity-1

Department: E&EE

Coordinator: Shilpa G

(Reporting)

Planned Schedule of the Day:

Time	Activity
09:00 am - 09:30 am	Thought for the Day/Ice breaking

Activity Name: Ice breaking session

Resource Person with affiliation: Shilpa G, Dept. of EEE

Number of Students attended: 37

Time: 9:00AM to 9:30AM

Venue: CR 405

1. Session Description:



- First the students were grouped into teams as per month of their birth.

- Each team was given with a sheet of paper and two colour pens.
- They were asked to draw anything of their wish.
- After 10 seconds they had to pass the sheet of paper to the next team.
- The sheets of paper were circulated after every 10 seconds till each team gets their original sheet of paper.
- When each team gets their original sheet of paper which they started with, they had to share their masterpiece and briefly put into words.

2. Session highlights:

- The students were grouped out of their comfort zone so that they mingle with other classmates.
- They session was a teamwork so that every member of the team can express their views.

3. Photographs:

	
Mrs. Shilpa G interacting with students	Students interaction

4. Outcomes achieved:

- The students enjoyed the session in a new cluster.
- The students expressed their views to a fresh gather without any hesitation.

5. Scope for any improvement:

The time for the session could have been 15 minutes more.

Daily Report

Day: 9

Date: 14-08-2019

Activity-2

Department: E&EE

Coordinator: Dr.Prashant A. Athavale(Reporting)

Planned Schedule of the Day:

Time	Activity
9:30 Am - 1:00 pm	<ul style="list-style-type: none"> • Creative Arts (Pidilite)

Activity Name: Creative Arts

Resource Person with affiliation: Ms.HibaMansoor from Pidilite

Number of Students attended: 35

Time: 9.30 AM to 1:00PM

Venue: Amphitheatre

1. Session Description:

With an aim of creating awareness in the minds of the students about various fine arts, such that the same is eventually visible in their engineering creations, the EEE Department worked with the Pidilite in coming up with an activity for the Induction program. The Tanjore painting which originates in the Tanjavur of Tamil Nadu State of India was selected as a starting point. The Tanjore Painting was selected amongst various possibilities the Pidilite creative arts team gave us. Ms Hiba was the resource person and she gave a step by step instruction on making the painting.

2. Session highlights:

- Beautiful swan painting by the students and interest shown by each in the activity

3. Photographs:



Students of EEE during the session at Amphitheatre



Students displaying the art work, along with the resource person Ms Hiba

4. Outcomes achieved:

- An interest in the fine arts as a creative medium

5. Scope for any improvement:

- Making other designs / shapes in the given time

Day: 9

Date: 14-08-2019

Activity: 3

Department: E&EE

Coordinator: Mr. Nagaraj DC and Mr. Babu Naik G (Reporting)

Planned Schedule of the Day:

Time	Activity
2:00PM to 4:00PM	• Project Exhibition, PBL / Demonstration

Activity Name: Project Exhibition, PBL / Demonstration

Resource Person with affiliation: Mr. Nagaraj DC and Babu Naik G, Asst. Prof, Dept. of EEE

Number of Students attended: 35

Time: 2:00AP to 4:00PM

Venue: CR 405

1. Session Description:

On the Day Nine of First Year Induction Program a session on Project Based Learning and Project Exhibition held from 2:00 pm to 4:00 pm in CR405 main block. The session was conducted by Prof. Nagaraj D C and Prof. Shilpa G for First Year EEE Students. The students were introduced regarding Project Based Learning and its importance in acquiring the knowledge of the subjects practically. A brief presentation was done containing the various aspects of Project Work like Meaning of Project, Purpose of undertaking projects, Challenges in Projects, Various Phases in Project and Types of Projects.

At the end of presentation students were given an activity in which they have to come up with a project idea based on the observation and experiences of their own. The students were divided into various groups and each group came up with one idea and one member of the team presented the idea. Following are the groups and titles of their project ideas.

Team	Title
SaiRassmi and Team	Siren detectors to help Ambulance pass easily
Yeshashwini and Team	Magnetic Weighing Machine
Karan and Team	Crop protecting device from stray animals using sensors
Aniket and Team	Noise cancelling and Auto-shaping shoes using nano materials
Anshul and Team	Power generation using Wind and Solar energies combines
Vinayak and Team	One Way Road Humps
Pratibha and Team	Artificial Intelligence in Automobiles

2. Session highlights:

- Students were amazed by looking at the senior students projects.
- Exchange of ideas amongst peer groups.
- Ideas generated by 1st year students.

3. Photographs:



Prof. Nagaraj DC with students



1st year student interacting with classmates

4. Outcomes achieved:

- Many Ideas were generated by 1st year students.
- Good response from student community is achieved.

5. Scope for any improvement:

To enhance the presentation part, students may be encouraged to explain their ideas through posters.

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Department of Electrical and Electronics
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Daily Report

Day: 11

Date: 17-08-2019

Activity-1

Department: E&EE

Coordinator: Babu Naik G & Nagaraj DC

(Reporting)

Planned Schedule of the Day:

Time	Activity
11:15 am - 11:30 am	<ul style="list-style-type: none">• Presentation by EEE department at the Institute level in the amphitheater and Valedictory session.

Activity Name: Valedictory session

Resource Person with affiliation: Mr. Babu Naik G and Mr. Nagaraj D.C, Dept. of EEE

Number of Students attended:37

Time: 11.15AM to 11:30AM

Venue:Amphitheater

1. Session Description:EEE Dept. Feedback on Induction Program

- Mr. Gaurav first year from EEE dept. gave a feedback on Induction program from day1 to day11 program conducted.

Session Description: Guitar Play

- Mr. Vishnu first year from EEE dept. played a Guitar.

Session Description: Mimicry

- Mr. Karan of first year from EEE dept. gave a mimicry voice of President NarendraModi.

Session Description: Group Dance

- Miss. Sahana and team of first year from EEE dept. made group dance at the audience.

2. Session highlights:

- All students were understood about the rules and regulation of VTU and as well as Institute level.
- Students were participated program very enthusiastically.

3. Photographs:



Mr. Gaurav EEE Dept. Feedback on Induction Program



Mr. Vishnu performance of Guitar on stage



Mr. Karan performance of Mimicry on stage



Miss. Sahana and Team performance group dance on stage

4. Outcomes achieved:

- The students enjoyed the session and gave good feedback on Induction program.

5. Any further improvements:

15 minutes duration is not sufficient to showcase student talents. It can be extended to 30 mins.