



**BMS INSTITUTE OF TECHNOLOGY &
MANAGEMENT**

**DEPARTMENT OF
ELECTRONICS AND TELECOMMUNICATION**

**1ST YEAR INDUCTION
PROGRAM**

BATCH 19





SRI. B.M.SRINIVAS AIAH



SRI. B.S.NARAYAN

FOUNDER'S VISION

Emerge as a premier department developing high quality Electronics and Telecommunication Engineering professionals with ethics and eco friendliness for the betterment of the society.

Electronics & Telecommunication Engineering



Vision

Emerge as a premier department developing high quality Electronics and Telecommunication Engineering professionals with ethics and Eco- friendliness for the betterment of the society.

Mission

Impart quality education in Electronics and Telecommunication Engineering by facilitating:

- Conducive learning environment and research activities
- Good communication skills, leadership qualities and ethics
- Strong Industry-Institute interaction

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- 1) Electronics, Telecommunication and IT related fields.
- 2) Engage in life-long learning.
- 3) Maintain ethical norms, exhibit good communication skills and leadership qualities.

PROGRAM SPECIFIC OUTCOMES (PSOS)

- 1) Analyze and Design Communication Systems
- 2) Analyze and implement signal processing applications.
- 3) Design and implement embedded systems

FROM THE HOD'S DESK:



Department of Telecommunication was established in the year 2003, with an AICTE approved intake of 60. The department imparts knowledge in various fields like Communication, Signal processing and VLSI & Embedded systems. The department has well qualified, experienced and dedicated staff members with 2 faculty members holding Doctoral Degree and 8 faculty members pursuing their Ph.D. Well equipped, sophisticated laboratories with skilled technical staff are the strength of the department which helps the students in strengthening their theoretical knowledge by hands on practical sessions.

Well equipped, sophisticated laboratories with skilled technical staff are the strength of the department which helps the students in strengthening their theoretical knowledge by hands on practical sessions. It is happy to share that our department is NBA accredited from 2016 to 2022. From its inception, TE department has secured 20 VTU ranks.

On one side the improved publications and research activity are in full swing, and on the other the latest Teaching Learning methods are adopted by the staff to improve the department standards. The signing of MOU's with 3 industries to join projects and consultancy indicates our fair degree of expertise. Our students enhancing their learning skills by adopting Project Based Learning is very heartening. Our interactions with Alumni in India and abroad has heightened our understanding of the needs of the industry. Class rooms have an academic ambience. Placement through the campus is excellent. Most of our students are placed in good companies.

I am glad to share few words with all my students, parents and faculty members about the first year Induction program.

The purpose of Student induction program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to sense of larger purpose and self exploration.

I Thank the faculties and supporting staff for their truth full dedication to this Induction program and special thanks to coordinator for their effort in releasing this Induction program report- Batch 19.

I also wish my dear first year students all the very best for their future and fruit full time in the department as well as in the campus.

EDITORIAL TEAM

**Prof. Stariha I G
Chief Editor**



**Rithika Rose Thomas 6th
semester ETE**



Introduction

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 Electronics & Telecommunication 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 student were fully engaged throughout the day for the entire duration of the

Initial Phase

Time	Activity
Day 1	Saturday (3/9/2019)
8.30 am to 10.00 am	Students arrival at hostel. (Preferably do pre allotment)
10:30 am - 12:30 pm	Inauguration of First Year Classes: <ul style="list-style-type: none">• Addresses by VIP's• Prize distribution for rank holders. Institute level Orientation: <ul style="list-style-type: none">• BMSIT&M presentation
12.30 pm – 2.00 pm	Lunch
2:00 am - 4:00 pm	Institute and department level Orientation: <ul style="list-style-type: none">• Presentation on VTU rules and regulations (40 minutes)• Department & Placement presentation (40 minutes)• Interaction with parents (40 minutes)• Student registration (only required data - attendance)

On the first day , 3rd September 2019 , Dr.Seema Singh, HoD, Professor, ETE, welcomed the students and parents . Around 36 students and 50 parents were gathered the function .She addressed and briefed about Institution . She Highlighted about events involved in Induction program. She distributed prizes for the students who won in PBL projects and Innovative idea in IETE forum. In continuation with this Dr. Raju Hajare welcomed the aspiring

Telecommunication Engineers and their parents to ETE dept. Introduced all Faculty and Technical staff to both the students and parents . Sir also listed the research and consultancy work and MOUs with Industry and briefed on initiative taken in providing Internships to students Explained Best practices in the Dept./ Institute to encourage students and staff. Highlighted the Achievements of both Faculty and students to the audience .

Mrs. Sumathi , Department Placement coordinator highlighted about the importance of placement and eligibility criteria of placement . She listed the company names where our senior students got placed. She also explained about the training given by placement department for the students in all semester.



Welcome speech , Prize distribution and Placement talk

Later Mr. Mallikarjuna gowda Sir explained about VTU rules and regulations are presented by focusing on the importance of attendance requirement, Internal assessment marks requirement for taking semester end exam, eligibility criteria for promotion to next academic year.

Followed by the same , 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.

Highlighted the importance of Mentor and Mentee relationship and divide the students groups for respective Mentor . Finally the day end with the Lab visits and campus tour in the institution along with the Mentors.

Thought for the day / Ice breaking

An Ice breaker is an activity , game , or event that is used to welcome and warm up the conversation among the students in class team building class which require people to comfortably interact with each other Department had conducted 8 Icebreaking sessions where department faculties and students participated effectively and performed various Ice breaking sessions such as Handshaking , Favorite fruit, Mind mapping, words to sketch , Practice makes man perfect and advertising role paly. Every day students were compatible with their friends and staffs.





Icebreaking sessions

Universal Human Values

It gets the students to explore oneself and allows one to experience the joy of learning, took up the peer pressure, take decisions with courage, be aware of relationships with the surrounding people . Human values must not taught through do's and don'ts, but get students to explore and think by engaging them in a dialogue, group discussions and showing videos on real life of eminent personalities like Ghandhiji.





Human values for the student

All the Facilities & various clubs in Institute

Library: Session was started with Library induction given by Sri. Gopalakrishna (Librarian) and Sr. Sharath Sagar (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.

RedCross: 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. He 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. Students understood the functionalities of various club at institute level



Library session



Alumni Session



Quiz Club interaction



RedCross club interaction



NSS presentation



ECO Club presentation



NCC presentation



Photography club briefing

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. Students understood the functionalities of various clubs at institute level



Entrepreneurship Development Cell



IPR cell



Incubation centre



Innovation Centre



Co Cubes Placement

Traffic Rules & Regulations : Mr .Someshekar , ASI & Lingadevaru ,Head constable discussed about road accidents and presented documentary on earthquakes and also discussed about Traffic rules &

regulations. Mr. Mallikarjun Patil made students to learn about basic exercise as normal stretching , warm up exercise and pool exercise .



Traffic Rules & regulation & sports

Industrial visit

Students of around 34 students from I year ETE along with a faculty and instructor visited Nano Science laboratories, VIAT, Muddenahalli, Chickballapur District. Mr. Mahesh, Research Scholar at VIAT took the students to different laboratories, where they showcased Nanotube Synthesis laboratory, Hot air Oven with 200° C , Atomic force microscope, Scanning electronic microscope, X-ray diffractometer, Chemical vapour deposition, Spray pyrolysis, Glove box etc. It was great experience for students to go through the best Nano Science laboratories, in Karnataka. Students have seen Titanium dioxide nanotube synthesis method. Students came to know the opportunities of pursuing higher studies and research in nano science.



Industrial visit to VTU , Muddenahalli

Career Guidance, Interaction with Alumni & Senior Students

Alumni's of the department Sandeep & Sukrutha spoke about how to shape their career, job opportunities and Higher Studies. Sandeep had very good interaction expressing his career journey.

.Sukrutha who passed recently spoke about the placement process and what companies expect from freshers.Senior Students Vishnu & Soujanya (V Sem students), spoke about the importance of first year grades and various OBE, technical activities done in college. Senior Students Prajwal & Karunya (III Sem students), spoke about important factors of 1st year.



Interaction with Alumni & Seniors

Career Guidance

Supreeth,CEO,Tequed Labs, was from a start up based in Bangalore.he stressed the importance of Electronics and Telecommunication engineering scope in present world. he also pinpointed career option which could be obtained by ETE students.Students were happy about the program and got enlightened about their domains scope in engineering field.



Interaction with Employer of startup company

PBL Demonstration

The seventh semester students demonstrated the PBL projects to the first year students. The projects were related to societal concern and environmental issues. They also explained the need of PBL projects and motivated the students to carry out PBL projects and need for doing Inter disciplinary projects. Students were motivated to carry out projects which are related to societal concern and interdisciplinary projects.



PBL Demonstration by senior students

Cultural activities by Seniors

Senior students from 3rd and 5th sem gave performance to their juniors. Students were happy about the program and this activity made to mingle freshers to mingle with their seniors.

Senior students from 3rd and 5th sem gave welcome party to their juniors by arranging snacks and other cultural programs. Mr and Ms Fresher was organized for 1st year ETE students.



Cultural activities by Seniors

Feedback and cultural event at Amphithetre

Ms.Ananya from 1st sem ETE gave feedback about 11 days induction program..samridh and niraj gave a solo singing performance and Arjun played keyboard. Students were happy about the program and talents of ETE were appreciated by the crowd.



Feedback and cultural event at Amphithe tre

Feedback From Students

Name	Mobile	How effective were the sessions?	Any other Comments
Jyothi D.S	8431913530	Nice	Super
Dara sriha	9059765885	Good	Nothing
Ninaada m s	9901487415	Very effective..	Art sessions were very good
Ananya Pathak	7259222706	Very	Very good sessions
Madhuri Kavatekar	9743626716	Great!	_
Pallavi Vighneshwar Hegde	9483457039	Good	No
Vachana H S	6366260591	It was gud and enjoyable	All session was gud
Purushotham reddy	7259744087	Good	No
Roshan Rajagopal	8277605165	The ice breaking sessions were good	Overall it was fun
Vandana sh	6364711702	It was good	Art was something apart from academics
Thanushree.k	9148172336	It was very good	No
Sanjana Kadam	9535193018	Fun and engaging.	.

