

Aims and Objectives of BETA

BNMIT Electronics and Telecommunication Association (BETA) has been established with a mission to mould high caliber and totally equipped Engineers and update their knowledge with present and future development in Engineering field before they leave the portals of BNMIT into the ever-demanding world today.

With this in mind BETA'S Key work areas include increasing Technical know how and personally development.

BETA aims to achieve sustained excellence in Technical know-how and further value addition by providing thrust in the areas of

- Academic knowledge
- Current trends

In order to achieve increased academic knowledge BETA plans to hold

- Technical paper presentation by students and staff
- Conducting quizzes
- Group discussion and quizzes on Technology

BETA aims to make the students aware of latest trends in the industry by

- Getting experts from industry to deliver guest lectures
- Holding seminars and workshops
- Going on Industrial visits
- Opportunity to participate in live projects

This not only bridges the gap between academics and industry trends but also promotes academic and industry interaction, which is the need of the hour.

The personality development program of BETA aims to make the students

- Build self confidence
- Inculcate good professional ethics in their work and environment
- Teach team dynamics
- Learn time management
- and the art of risk taking

Self-confidence comes from identifying ones strengths and weaknesses and it comes from being able to express oneself fluently. Once a person is aware of his strengths, he needs to use it to benefit the society. At the same time he should work on his weaknesses and turn them to his advantage. Towards achieving this "BETA" will get experts to the BNMIT campus in order to groom our students.

BETA will provide a platform for its members to master communication skills by

- Presenting papers
- Participating in Group discussion
- Speak in Elocution competitions
- Debating

Integrity, reliability and loyalty to a cause all from the crux of professional ethics. BETA aims to inculcate this by running the association in a professional manner.

Team building as well as being a team player is a much needed skill in one's chosen profession. A quotation from one of the great personalities quotes, "A good leader inspires others with confidence in him or her but a great leader inspires them with confidence in themselves". Being a good team player requires one to cooperate, coordinate, contribute and compromise, all for a common goal. Encompassing the entire team dynamics is interpersonal relationship. BETA will provide ample scope to its members to master team dynamics while they organize and participate in activities of BETA.

In this fast paced life that we lead we need to master time management. Time management involves punctuality, timely delivery of quality product are all achieved through prioritizing and intelligent scheduling of jobs.

In order to stand up and be counted one needs to take risks. As our late Prime Minister Jawaharlal Nehru once said, "Success comes to those who dare and act but seldom to the timid", one needs to take risks. There should also be a backup plan to mitigate the risks too.

BETA will get experts in all these fields to hold workshops and seminars for its members.

Activities of BETA

With the above-mentioned aims, BETA started working from 10th October 2005, making all students of EC/TC its members. Inauguration of BETA, BNMIT Electronic and Telecommunication Association was held on 10th October 2005 in seminar hall. Sri M. Chandrasekharan, founder chairman of Impulse software Pvt. Ltd., was the Chief Guest.

BETA arranged 2 lectures on different technical topics during even semester period Jan to May 2006 to make the members of BETA to get awareness about new technologies.

- On 6th March 2006 a technical talk on "Microwave sources for Satellite and Radar applications" by Dr. A Mohanthy, Asst Prof, Super Computer Education and Research Center, IISc, Bangalore., was arranged.
- A lecture on "EDA tools for VLSI design" by Sri. BKSVL Varaprasad, Head, Microelectronic Design Facility, ISRO Satellite center, Bangalore, was arranged on 25 March 2006.

During the odd semester between Aug-Dec 2006, a technical talk on "Future trends in Nano Technology" by Dr. Hema Sharda, Prof, university of western Australia, was arranged on 26th Sept 2006 by BETA.

In the Even semester period, Jan-May 2007, BETA arranged a technical talk on "Spacecraft Antenna" by Sri. V.V. Srinivasan, Head, Antenna Section, Communication System Group, ISRO Satellite Center, Bangalore, was arranged on 18 March 2007.

Sri Ravishankar B., Design Architect, LSI Research, delivered a lecture on "On Front Foot" on 14th November 2007 for BETA members during the Odd semester period between Aug-Dec 2007.

With the mission “for the students, from the students” BETA made the students to conduct a technical quiz, during the even semester period Jan-May 2008. Preliminary round of quiz was conducted on 20th March 2008 with participation of 165 students from all semesters of EC/TE. Final round of Quiz was conducted by the student representatives of BETA, on 28/03/2008 with 5 groups of finalists. Two groups were given I and II prizes.

On 29/03/2008, BETA arranged a technical talk on “Sensors with advanced technologies and applications” by Dr. Anil Kumar Ramesh, Global Manager, Honey Well Technologies. FCD mementoes were distributed to all EC/TE eligible students on the same day.

On 27th March 2010, Department of Telecommunication Engineering under BETA arranged a technical talk on “Research activities and employment opportunities at Defence Laboratories (DRDO)”, by Sri. N.P.Ramasubba Rao, Former Director, LRDE (DRDO Labs, Bangalore). All the students of the Department of Telecommunication Engineering who secured distinction in VTU exams received FCD mementos from the dignitaries.



- On 23th October 2010, Department of Telecommunication under BETA arranged a technical talk on “Trends and Challenges in Computer Vision & Image Processing” by Dr. Lokesh R B, Honeywell Fellow, ACS-Advanced Technology Labs, (Honeywell Technology Solutions, Bangalore). FCD mementos were distributed to all eligible students of the Department of Telecommunication on the same day.



- To enable the students to get a hands-on experience on the AURDINO microcontroller software/ hardware, Department of Telecommunication under BETA in collaboration with Tenet Technetronics conducted a 2 day workshop on 28th and 29th December 2010 in BNMIT. 17 students from the department of Telecommunication participated in it. The contents of the course were well received by the students.

