

A Report

on

Induction Programme for Engineering
Entrants

(A three day mandatory course for each
branch of Engineering of
First-Year B.Tech. Program)

Academic Year

2024-2025

BHASKAR ENGINEERING COLLEGE

Bhaskarnagar, Moinabad.

S.NO	NAME OF THE CONFERENCE / WORKSHOP / SEMINAR	EXPERT MEMBER	DATE
1	Orientation day for fresher's	Dr. Sumagna Patnaik	19-08-2024
2	Goal setting plan	Prof. CH Sanjay	20-08-2024
3	A lecture on communication skills	Dr. K.V. RAM MOHAN	21-08-2024
4	An inspiring speech	Dr. A.Srinivas Rao BPC Principal	22-08-2024
5	A motivational lecture	Dr.Anitha BMC	23-082024
6	Placement information	Dr.Ramakrishna Rao, Director of Placements JBIET	24-08-2024

About the Institution

Bhaskar Engineering College established in the year 2007 under the leadership of Honorable Chairman Shri. J. B. Bhaskar Rao garu, for the upliftment of the rural people.

About Induction Programme

BEC hosted the Induction Program, a unique fusion of specially engineered academic and non-academic activities, to nurture, mould and fortify engineering entrants for the days to come. The one week phase commencing from 19th August 2024 to 24th August 2024 marked the implementation of the induction program and celebrated in high fervour by the team of expert faculties of the institution. Total 200 entrants from Computer, Information Technology Electronics, Artificial Intelligence, Data Science & Machine Learning branches of engineering participated enthusiastically and obtained benefit from the program. They were provided the cursory view of various dimensions of engineering and the career opportunities in the field and the systems and procedures of the college to ease their transition to the core engineering program. They were enlightened about the prospective scope of the arena that they had opted for their success.

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Rationale

Plus two graduates of contemporary era exhibit blind craze of pursuing a shining career in the field of engineering, where aspirants embark on their academic journey without determining their interests and goals. This inclination turns into a major roadblock in an academic journey and attainment of goal for engineering students. Besides, the adjustment in a new milieu, peer pressure, hostel life, expectations of parents and their close supervision, monitoring of teachers, competition, increasing workload and responsibilities and above all individual aspirations shake spirit of students. Consequently, ample number of promising students suffer from deterioration in their academic performance. To aid students overcome this despicable entity is the need of the time and, indeed, a mammoth challenge for the academic institutions. Accentuating the remedy to the entity, AICTE introduced Induction Program and announced it mandatory for all colleges. BEC's Induction Program is an attempt to meet the directives and standards set by the AICTE in *A Guide to Induction Program*.

Considering the long span of academic hibernation after completion of higher secondary exams, induction programme proved itself a fruitful educational ambition of rejuvenating the spirit of entrants and redirecting them to educational goals. The interaction with the induction programme equipped entrants not only with the boost to their educational pursuits but also

with the work-culture, industrial exposure, social experiences, and various institutional activities. The present induction program aptly supported students in rationalizing their choice of study, developing bonding with peers and comfort at the new academic environment, exploring their academic interest, determining goals, pursuit for excellence, imbibing a broader view of life, and building character.

Objectives:

- 1) To help the engineering entrants adjust and feel comfortable in the new academic milieu
- 2) To furnish them with an ease of transition to mainstream engineering studies through the introduction of ethos and culture of the institution
- 3) To help entrants build progressive and emotional bonds with peers and faculty members to self-explore and comprehend the larger purpose
- 4) To inculcate the virtues of health and hygiene and help them realize the power of inner strength
- 5) To revise and reform the seminal concepts to fill the lacuna and sensitize them towards exploring their academic interest and goals for excellence in academics
- 6) To develop awareness, sensitivity, and understanding of the self, people around them, society at large, and nature.
- 7) To promote holistic development through the exposure of wide gamut of curricular, co-curricular and extracurricular activities.

Day 1:

Inaugural Function:

All the students were directed to assemble in the seminar hall the Principal, in presence of Heads of respective departments and entrants inaugurated the Induction Program. Dr. Sumagna Patnaik BEC Principal, the Chair, welcomed and enlightened the entrants with epigrammatic history of institution's academic excellence and conceptualization of various activities constituting induction program and the objectives. The Chair in his address accentuated the importance of transcending the knowledge of engineering into the application for the betterment of the society and appealed the entrants to utilize maximum resources at most of their capacity for academic enhancement.

Day 2:

In the second day, Entrants were taken for the campus tour with a view to familiarizing them with the library, canteen, workshops, various central facilities and infrastructure available at the Institute which was organized by respective departments. Entrants were well informed about the difference between academic culture in college and study culture in school. They were appealed to acquire etiquettes, sense of grooming, and professional ethics, in addition to their concentration, during the course of graduation. Campus tour played instrumental role by offering entrants firsthand and complete experience of institution's character, intellectual stature, vibrancy, infrastructure, and amenities. Department representatives enthusiastically attended the academic curiosity of entrants during the campus visit. The day ended with the sense of attainment and gratification on both the ends students as well as Induction Team.

The Next day, the day started with a visit to the respective department. The Principal, Director Prof CH Sanjay, Dr.Anitha from BMC, Dr.K.V.Ram Mohan, Dr. A.Srinivas Rao BPC Principal, M S Chitra & V. Ramani Study Square Educational Consultant, Prof. Chethan Chittalkar, Mr.Khizer, Dr. Subramanyam, Dr.Ramakrishna Rao, Director of Placements JBIET, Mr. Md Osman Toufiq of BEC, Mr. Syed Mahmood Ali of BEC, Mr. Raheem Ahmed Khan of BEC, Heads and Class Counsellors interacted with entrants and imparted important information about the credit and grading system, and the examination scheme. A profound description of the role the technology and their respective branch play in recuperating society and contribution that society and nation, in broader view, Expect from graduate engineers in their field of specialization was furnished with the aid of compact presentations, audio and videos, anecdotes, and interaction.

Day 3:

On this very day on third the session started by Dr. K.V. RAM MOHAN (S&H) (ENGLISH) with a luminous and glittering start to enlighten the students to react on their innate skills. They were empowered to utilize their goals to communicate. They were given sessions on how to spike on the global market and their needs. It is an urgent war footing scenario to equip their language abilities and to acclimatize with their pronunciation skills in English. The session was very interesting and a great applaud in the midst of the gatherings

Day 4

On the fourth day an inspiring speech was conducted by ,Dr. A.Srinivas Rao BPC Principal to motivate the students admission to Engineering colleges and their talents to opt different branches in the

Engineering streams. The speech made the students to fortify the students caliber and their future. This was followed by the motivational speech by Mr. Md Osman Toufiq of BEC in the department of mathematics to mould students on their mathematical dexterity and their significance. Mr. Raheem Ahmed Khan of BEC made a tremendous gathering to make students utilize the value of time and money and strive for the fraternity and amicability of the student community.

Day 5

The fifth day of the session was followed by a motivational speech by Dr.Anitha from BMC to administer the role of discipline. Human values have to be implanted right from the student level to be munificent in the society. Besides, health plays a vital role and every student have to take responsibility to protect their physical and mental health. The speech was fabulous and it marked an apex note of high value of learning.

Day 6

The last day of the session was an inspiring talk rendered by Dr.Ramakrishna Rao, Director of Placements JBIET to expose students on the current situation of placements both national and international level. This information was very informative to make students mould their career and take up various placements. It was very informative to revamp their capability to become entrepreneurs. This session was an encouragement to the student community which builds their self -confidence and to explore new talents and job opportunities.

Physical Activities:

Students were involved in sports, games and Yoga in order to keep their body healthy and fit.

Glimpses



Checking the weight and height of the students



FAMILIARIZATION OF DEPARTMENT:

The Students are shown their department, and told what it means to get into the branch or department. Describe what role the technology related to their department plays in society, and after graduation what role the student would play in society as an engineer in that branch.

LITERARY ACTIVITIES:



Story Narration



Vocabulary Activity

OUTCOMES OF THE PROGRAMME:

- Entrants were able to display confidence and successful transition into a new academic environment.
- Entrants were able to utilize primary resources and facilities of the institute.
- Entrants were able to establish positive acquaintance with their peers, faculties, and institute as whole.
- Entrants were able to attach moral values and behaviors with the practices of the institutional activities.
- Self-analysis and introspection was positively bridged for their academic needs.
- Entrants were able to get convinced to structured and collaborative learning platform.
- Entrants were able to project exemplary performance in activities designed during induction programme.

CONCLUSION:

Student Induction Program was conducted for all the students so that they get to know the course structure and the importance towards quality education. The total involvement of deputed faculties actively engrossed in various responsibilities of Induction programme, which facilitated to motivate the entrants to stir like a sugar in water of institutional activities. Students are made aware about multidisciplinary areas and their developments and developed ability to transcend from subjective knowledge to the application of subject in real life situations. With the fulfillment of the stated objectives, the Induction Programme concluded with great success.