



Report on Induction Programme for First Year Students

Day-1 Topic: Orientation Day

An 'Orientation Programme' was organized to welcome the first year students who were admitted to Engineering program at the institute premises where students and parents had been welcomed by the Management and Principal of Brilliant Grammar School Educational Society's Group of Institutions - Integrated Campus. The objective of the programme was to make the parents and students aware of the academic aspects of the course, the rules and regulations of the Institute and ensuring parental participation in monitoring the performance and progress of the students.

The day was marked with the presence of Dignitaries from various platforms. Other noted presence included Mr K Narayan Reddy, Chairman, Brilliant Group of Technical Institutions, Dr. S Peniel Paul Doss, Director, BRIG-IC, Dr CH Kantlam, Principal Pharmacy BRIG-IC Dr. S Peniel Paul Doss welcomed the distinguished guest, the management, students, parents and faculty to Brilliant Grammar School Educational Society's Group of Institutions - Integrated Campus and introduced the guests to the audience. He thanked them for their presence and invited Dignitaries to speak. Dignitaries welcomed the First Year Engineering students and shared their experiences as an engineering student. They urged the students to keep up with the changing trends in engineering and take their studies in to utmost importance. They spoke from the perspective of a former Vice Chancellor and opined that students must decide not to have backlogs so that their academics will prosper. Professor Venkat Reddy P, HOD, Freshman Engineering thanked the guests for their kind and valuable words and wished the First Year Students a hearty welcome to the college.



College Code:7Q

BRILLIANT GRAMMAR SCHOOL EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS - INTEGRATED CAMPUS

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Day-2

Session 1

Speaker Details: Dr. S Peniel Paul Doss, Director BRIG-IC.

Topic: About Institution.

An Induction Programme was conducted by the Department of Freshman Engineering with the intention of introducing first year students to the curriculum of engineering education. Dr. S Peniel Paul Doss, Director of Brilliant Grammar School Educational Society's Group of Institutions - Integrated Campus, hosted the students in the first session of the Induction Programme. Dr. S Peniel Paul Doss introduced the students to the college, its rules, scientific traditions and professional commitment in producing quality engineers for the country. Director delivered a vivid description of the college facilities such as the library, the computer centers, the language lab etc. He explained the idea of mentoring and its purpose in making the student life easier as well as documented enough to carefully analyze the progress of each and every student. He emphasized on the importance of being engaged in various engineering bodies such as IEEE, ICSE, and ISOE etc. He also urged the students to take their academics seriously and be regular to the classes to keep their attendance in a desirable level. Director concluded his session by urging the students again to concentrate more on improving their skills to match that of a professional's and to polish their understanding of the basic subjects to boost their knowledge of engineering subjects that they will face in the upcoming years of their academics. He implored the students to practice positive thinking to keep their minds sharp in order to achieve the maximum of their capabilities. He wished the students well for their maiden academic year in the Engineering stream. Mrs. K Sushma, Assistant Professor, freshman engineering delivered the vote of thanks.



Day-2

Session 2

Speaker Details: Dr. CH Kantlam.

Topic: Academic Regulations.

An Induction Programme was conducted by the Department of Freshman Engineering with the intention of introducing first year students to the curriculum of engineering education. The second session of the Induction Programme was hosted by Prof. Abdul Maqseed SK, Professor, Dept. Of ECE, on the topic 'Academic Regulations'. Dr. CH Kantlam started his session by explaining the topic and by assuring the students that it is of utmost importance to understand and recognize the academic terms for organizing their Engineering academics. Dr. CH Kantlam explained the difference between the words 'Program' and 'Course' and defined it in simple terms, explaining the importance of understanding 'outcomes'. He also made the students understand the difference between 'Foundation Courses', 'Core Courses', 'Elective Courses' and 'Mandatory Courses'. He also explained the difference between 'Integrated Courses', 'Theory Courses' and 'Laboratory Courses'. He informed the students that the recent introduction of 'Integrated Courses' are meant to expose the students to updated concepts through practice and theory. He also invited the attention of the students to the amount of credits required for each semester in the first year. Dr. CH Kantlam concluded his session by emphasizing on the points on Attendance Requirements as well as Promotion Rules. He also explained the system of Award of Degree, the criteria's for it as well as the rules and regulations regarding the completion of the Engineering Programme. The session came to a formal end as Mr. D Srinivasa Reddy delivered the vote of thanks.



Day-2

Session 3

Speaker Details: Dr. Pavan Kumar D.

Topic: Python Programming .

An Induction Programme was conducted by the Department of Freshman Engineering with the intention of introducing first year students to the curriculum of engineering education. The third session of the first day of the Induction Programme was on 'Python Programming' and was conducted by Dr. Pavan Kumar D.

Mr. Pavan Kumar D started his session by participating students in a discussion on how to differentiate between Arts and Science. He deliberated on the usual definitions of both words and extracted inputs from enthusiastic students. At the end of the introduction to the session, Pavan Kumar D defined engineering as a perfect application of art and science for the betterment of humanity. He spoke briefly about engineering education and implored students to take an oath along with him that they will obtain an engineering degree without having backlogs. Pavan Kumar D began the second phase of his session by talking about programming languages. He compared programming languages with other languages and spoke briefly about the 'relativity' of languages. He emphasized the importance of learning a programming language irrespective of the student's branch. From the etymological meaning of the name 'Python' to the workings of the programming language, Pavan Kumar D gave a very realistic idea about the language, and its importance in the engineering field. Pavan Kumar D concluded his session by introducing students to an online portal in which they can create an account and enjoy the initial stages of learning programming. Mr. B Upender gave the vote of thanks to Dr. Pavan Kumar D.



Day-2

Session 4

Speaker Details: Mr. D Srinivasa Reddy and Mrs. Neelima.

Topic: SWAYAM/NPTEL/MOOCs.

An Induction Programme was conducted by the Department of Freshman Engineering with the intention of introducing first year students to the curriculum of engineering education. The fourth session of the day of the Induction Programme was conducted by Mr. D Srinivasa Reddy and Mrs. Neelima on SWAYAM, NPTEL and MOOC courses. Mr. D Srinivasa Reddy started his session by making students aware of how these online courses enhance their capabilities as future engineers and also in making them appear as competent enough for placements. He emphasized that Brilliant Grammar School Educational Society's Group of Institutions - Integrated Campus has facilities that support students in obtaining online certification by participating in these courses and that students should avail those facilities if they wish to improve their career chances. With the help of a power point presentation, Mr. D Srinivasa Reddy showed the step by step process of enrolling for these courses. Mrs. Neelima, Assistant Professor, Department of CSE, took over the session and explained how the courses work in favor of students in understanding some of the courses in curriculum in a better way. She explained in detail how NPTEL courses differ according to level of the student how more core courses included in the 2nd, 3rd and 4th year, making the student more and more competent as they move forward in the Engineering education. She concluded the session by emphasizing the point that these courses are meant to make the students more positive towards skills and that they are important as they make the students 'placement-ready.'



Day-3

Session 1

Speaker Details: Mr Radha Krishna AN.

Topic: Why Engineering.

An Induction Programme was conducted by the Department of Freshman Engineering with the intention of introducing first year students to share knowledge of understanding the importance of choosing Engineering as a profession. Mr Radha Krishna AN, ECE & Dean IQAC of Brilliant Grammar School Educational Society's Group of Institutions - Integrated Campus, gave an organized and well informed talk to the first year students regarding the importance and the opportunities presented to the field of Engineering. Radha Krishna briefed the students about the importance of various branches of Engineering and pressed on the point that each and every branch has its own relevance and none of these branches stand alone. Further, he made a point that Engineering stands for solving problems by using available resources such as updated or recent technology. Next, he asked the students to rely on creativity and academic skills. Regarding the use of maths, science and computers are the main entity for engineering and told that many methods used are common to all engineers. Later, he discussed the types of Engineering, important reasons to choose Engineering, rewards of opportunities, What is Engineering?, and greatest engineering achievements of the twentieth century.

Day-3

Session 2

Speaker Details: Mr S Jamala Reddy.

Topic: Me, My College and My Success.

An Induction Programme was conducted by the Department of Freshman Engineering with the intention of introducing first year students to inspire the first year students to take Engineering and their career seriously. Mr S Jamala Reddy started his sessions by inviting questions from students and asked them to create their opportunities and not to wait for the opportunities. Further he added that no



one can motivate humans but we can inspire people with our action. The students can get inspiration from their teachers, parents, and eminent personalities. He also added that a NEGATIVE thought attracts more and positive thoughts get distracted very soon. He gave four main principles for success to the students. He inspired the learners to practice listening skills. Patient listening can change their failure into success. He also raised questions regarding the reasons behind the students who are toppers out of sixty students as they have learnt and practice the patient listening. While concluding, Mr S Jamala Reddy talked about creating positive attitude and vibes around respect the self, respond the self, response to the ability of the self and having a smiling face. Smile is the best way to learn and earn and live life successfully.

Day-3

Session 3 & 4

Topic: Familiarizing Students to their respective Department.

An Induction Programme was conducted by the Department of Freshman Engineering with the intention to familiarize the students with their respective departments. The primary purpose was to introduce the students to the faculty, departments, computer lab and other physical facilities available on the campus. Department of Computer Science (CSE) Mr . B Upender, Head of the Department of Computer Science, BRIG-IC gave brief information about the department and its faculty, computer labs and other physical facilities. Later, he asked other faculty of the department to give a brief introduction to the students and the achievements of the department. Next, students visited the computer lab and explored the other facility available in the department. Students mainly visited to 104, 105, 302, 304, 103 computer labs. Department of Mechanical Engineering As part of Induction Program, the Department of Mechanical Engineering started to familiarize the students with the mission and vision of the department which is highly focused on learner centric approach and self-learning to facilitate as continuous learning based on the needs of the society. The Head of the Department also stressed to learn the latest technology and keep an eye on the development in the field of technology.



The entire faculty was introduced to the students and infrastructure, students' achievements and various other details of the department professional societies. Finally, students were taken to for the lab sessions where they explored the various equipments and machines and found it very interesting. Department of EEE The students of EEE visited the department as part of familiarization to the department to the students post lunch session. The students were briefed about the department from the inception and how it has grown over a period of time. All the faculty were introduced to the students and they were informed about the approach to teaching and learning , role of internship and faculty assistance to the students if they show interest in any projects. Next, they were briefed about the mentoring, internships, projects, publication of papers, IEEE chapters and further suggested to make best use of the lab and faculty to gain knowledge. The session was ended with the students visiting to their labs to get familiarize with the lab equipments. Department of ECE Mrs J Sandhya Rani welcomed the students and invited the Head of the Department to address the students and welcome them the department as part of Induction Program post lunch session. The initiative was taken to familiarize the students to the department and various other activities which are part and parcel to the department. The HoD emphasized on the department vision and mission, POs and PSOs. Further, he gave clear description about the structure of Academic Calendar and the importance of credits. Following are the points which he stated to the first year students and they are: Innovations by faculty in TLP, conduction of experiments and assessment, mentoring, major domains as part of ECE. The head of the department also discussed about special training for the students such as CLAD, CLD, MAT LAB etc. The session was ended by inviting questions from the students and their queries. Department of Civil As part of Induction Program for the first year students the department of Civil took the initiative to familiarize the students to the department, faculty and other facility available in the department. Mr Chiranjeevi, Assistant Professor helped the students to know the faculty, labs, and gave a brief lecture on civil engineering as an engineering branch. He further asked the students to be clear regarding choosing their branch and explained the advantages of studying civil engineering. He named top ten civil engineers of India and their contribution to the society. Finally, he an account of BRIG-IC Civil Engineering department and its mission and vision,



Faculty, labs, equipments which are available in the department. He ended the session by stating that students will have to go for industrial trips and project expos etc in the coming days.

Day-4

Session 1

Speaker Details: Mr. D Chiranjeevi .

Topic: Essential for Career Building.

An Induction Programme was conducted by the Department of Freshman Engineering with the intention of introducing first year students and shared the essential knowledge for career building. Mr D chiranjeevi from the department of Civil of BRIG-IC who started his presentation by showing a pie chart to brainstorm the students and to know from the students what was indicating. D Chiranjeevi briefed the students about the several essential to build the career of the students. He made his first point by stating to students that time management is one of the important aspects to build the career of students. Secondly, he discussed the importance of discipline. Discipline, he meant to was the control of mind/goal/time/feelings of students who wanted to be achievers. Next, he stated that discipline is the bridge between goals and achievements. Further, he discussed the importance studying the dictionary and how it would be helpful to enhance the knowledge of the students. In addition, he also talked about the importance of reading skills and public speaking. Finally, he concluded his session by saying that students must have transferrable skills like learning, communicating, teamwork, career management, self management, critical thinking, information handling and information and technology. He also asked the students to build their resume by participating in extracurricular activity, develop a hobby.



Day-4

Session 2, 3 & 4

Topic: Expert Talk by Industry Professional.

An Induction Programme was conducted by the Department of Freshman Engineering with the intention of introducing first year students to inspire the first year students to take Engineering and their career seriously. In order to achieve that students were visited their respective departments and attended a talk given by Heads of the department and faculty.

Department of Mechanical Engineering:

Department of Mechanical Engineering organized a talk by Venumadahv as part of Induction Program for first year students to inform the students about the relationship between Mechanical Engineering and industry. Further he added that students must choose the area of interest in the field of engineering and devote their life to it. Next he discussed industry and types of industry which he stated the production industry, manufacturing industry, service industry etc. He pointed out the different departments of Engineering such as marketing, design and development, planning, manufacturing, quality assurance, finance and personal and administration etc could be the great opportunities for the students.

Department of Civil Engineering:

Civil Engineering Department conducted the afternoon session with the expert lecture on New Challenges in Civil Engineering by Mr. Guru Prakash. The speaker started the session by discussing the importance of Civil Engineering and advancement in day to day technology, scope of civil engineering in private and government sector, professional growth and basic requirements etc. Apart from that he made a presentation on the quality materials used in construction of building, malls and dams etc. The session ended up clearing doubts of the students and motivated them to excel in their specific areas with perseverance.



Department of Computer Science and Engineering:

Department of Computer Science and Engineering organized a talk as part of Induction Program for the first year students to make them familiarize industry and engineering. The resource person from TCS asked students to reimagining the future as a Journey through the Looking Glass. Further, he provided some important inputs on the role of future engineering and he asked students to focus on five skills which are required to work in an industry. The five points which students need to work on it are leadership skills, communication skills, organizational skills, tactical skills and strategical skills. Department of EEE

As part of Induction Program for the first year students visited their department for a talk organized by EEE department .The speaker started the session with an ice breaker and distributed slips in which the students wrote the domains they are interested in. Next, the speaker collected the slips and addressed the different domains and gave them tips on how to achieve their career goals. The resource person further discussed regarding importance of respect, placements and the nature of job after doing B.Tech, difference between transmission and distribution of electricity, distribution of generators, power shutdowns and pursuing higher studies in the field of IEEE. The session ended with questions from students about the area of IEEE and they were informed to have a positive attitude towards the coming four years.

Department of ECE:

The students of ECE visited the department as Part of familiarization of the department to the students post lunch session. The session was a briefing on the placement opportunities and placement record at BRIG - IC. The session was handled by D Srinivasa Reddy. He discussed on the skills that the student should acquaint themselves with, the eligibility criteria and the training that is provided at VCE to gear up for placements. He emphasized on the significance of writing the mock tests- AMCAT and COBULES as most of the companies have an MoU with these consultants. The session concluded with an interactive session. An activity TOT –talk on topic was conducted.



Day-5

Session 1

Speaker Details: Mr Lalaiah K .

Topic: Competency Development.

As part of Induction program for first year students, the department of Freshman Engineering organized a talk on Students Development Cell which is provided by BRIG-IC to help the students in order to acquire or develop some basic skills which would enable them to get job opportunities. Lalaiah K briefed the students while explaining them to understand the difference between knowledge and skills. He too discussed about the ability which is inherent or inbuilt. Further, he explained the kind of role students development cell would play in the coming days. His main focus throughout the session was skills, ability, and knowledge. Next he defined competency as the ability to apply set of related knowledge, skills and abilities to successfully perform certain task. He did several activities with the students and the type of activity involved the learners in a group or pair work to perform certain task. He ended his presentation with a brainstorming puzzle which was really liked by the students. The session was completed by clearing some doubts of the students. The session was really praiseworthy as it involved the learners and learning took place.

Day-5

Session 2

Speaker Details: Mr D Srinivasa Reddy.

Topic: Placement Opportunities.

As part of Induction program for first year students, the department of Freshman Engineering organized a talk on Placement Scenario by D Srinivasa Reddy from BRIG -IC. D Srinivasa Reddy discussed in detail about the job prospects, future of engineering, and the expected outcome after the four years. His primary focus was on vitality dynamics in which he stated that present scenario demands skilled and a competent communicator to get the job opportunities. He inspired first year students to focus on people skill, enthusiasm, and communication skill, logical



Reasoning and analytical ability, learnability, decision making, consistency and sound base in technical skills. He stated that students must learn to develop their technical competency and vitality dynamics in order to fulfill the demand of the market. He ended his sessions by suggesting few books to students to read which may change their life.

Day-6

Full Day Session

Topic: Plantation (Haritha Haaram).

As part of the Induction Programme for the First Year students Haritha Haaram a program of Plantation and awareness on environmental has been organized by Department of ECE at nearest village with the help of Gram panchayath Abdullapurmet.

Day-7

Session 1

Speaker Details: Mr. B Pardasarathi .

Topic: Research Opportunities.

As part of the Induction Programme for the First Year Students, B Pardasarathi, R&D of BRIG-IC delivered a lecture on 'Research Opportunities'. In his introduction to the session, B Pardasarathi laid out the basics of research in the Engineering field and spoke briefly about the need to cultivate an interest in accomplish something in life. He stressed the fact that only research can take a branch of knowledge forward and without research every branch of knowledge will remain stagnant. Through a variety of short video, B Pardasarathi made it easy for the students to understand how vital research and innovation is in the ever-changing field of engineering. In the second part of his session, B Pardasarathi shifted his focus to improving critical thinking. He maintained that only critical thinking would enable innovations and finally culmination in the overall improvement of the society. He urged the students to understand the need for focus in research. In the final part of his session, B Pardasarathi invited attention of the audience to the example of the innovation of motor car, its historical background



And the changes it has brought in the way humankind travelled until then. With the help of a video clip, he narrated how a thought was formed and how it was made into practice through focused research and various innovations that contributed to the overall result we see today. As conclusion to his session, B Pardasarathi remarked that innovation remains the key to success and decides one's future. He hoped that more and more students will go in to research and make lives better.

Day-7

Session 2

Speaker Details: Mr D Ramesh .

Topic: Industry-Institute Activities.

As part of the Induction Programme for the First Year Students, Mr D Ramesh, Outreach, gave a talk on 'Industry Institute Activities'. Mr D Ramesh began his session by addressing them on the various future plans that they might have reserved for their post-B.Tech period. He himself gave four options as 'employment', 'higher degree', 'business', etc to which students responded positively. He briefly narrated the course attributes and programme outcomes for the information of the students and made it clear that the latter were after careful deliberations on the standards of the industry. He said that his session was aiming at inviting the attention of the students to the various ways in which one can be industry-ready. He implored the students to be positive towards the number of programmes implemented by the college for facilitating the evolution of students from ordinary students to high quality professionals for becoming a part of the industry. Mr D Ramesh listed out a few such programmes for the information of the students; BEC Certification for improving the LSRW skills, the Communicative English course, various other seminars, workshops and NPTEL courses aiming at improving the technical skills, Placement and Training Center's courses on Interview Skills, Graduate Aptitude Test etc. He pointed out programmes by various departments that are conducted periodically to strengthen the industry-institute relationship. Mr D Ramesh concluded his talk by assuring that the college is ready to meet the demands of the students in meeting the industry standards.



Day-7

Session 3

Speaker Details: Mr Nageswar Rao.

Topic: Library Facilities.

As part of the Induction Programme for the First Year Students, Nageswar Rao, Librarian, BRIG-IC organized a session titled 'Library Orientation'. In his orientation, Nageswar Rao welcomed students to the library facilities and re-assured them that the library of BRIG-IC open to all their acadmic purposes. He elaborated on the various services offered by the library and emphasised that if put to its best use, the library can facilitate a successfull academic career for the students. Nageswar Rao furhter explained the rules of the library that the students are required to follow along with the way the library must function with the student's best interests. He implored the students to refer through the research journals to see the newest developments in their respective area and keep themselves updated. He emphasized that the students must learn to think from research oriented point of view and that the library of the college is equipped to serve the needs of the students in all engineering fields. Nageswar Rao Concluded his session by introducing the students to the library timings, membership process, circulation policies, etc.

Day-7

Session 4

Speaker Details: Mr Sridhar P.

Topic: Extracurricular Activities.

As part of the Induction Programme for the First Year Students, Mr Sridhar P gave a detailed talk titled 'Introduction to Student Affairs Division'. Mr Sridhar P, chairman, Student Affairs, BRIG-IC, began with a rousing welcome to the students. He provided the students with a basic understanding of what 'Student Affairs' stand for; elevating students' life experience, to establish a working relationship within the academic community, to create a student-centric



Environment, to facilitate personal growth, to nurture student life by engaging in co-curricular and extra-curricular activity etc. In the second part of his talk, he explained what the 'Student Affair Division' means in the context of BRIG-IC. He made the student understand the primary aim of the Division as building life-long friendships and human contributions. He explained the function of the office of the Student Affair Division as also something that would help facilitate industrial visits, time management, inter-personal skills and often in reducing stress. Mr Sridhar P also enthralled the students by narrating the different student-centric activities in the college such as Cultural Festivals, Sports Events, NCC, NSS etc. In the last part of his speech, Mr Sridhar P explained the function of various student clubs in the college. He listed out a variety of clubs that function under the broad supervision of the Student Affairs Division. While concluding his session, Mr Sridhar P urged the students to enroll in the various clubs according to their preference and utilize the campus life to its fullest.

Day-8

Session 1

Speaker Details: Mrs Sri Vani G .

Topic: Project Management Tools and Techniques.

As part of the Induction Programme for the First Year Students, Mrs Sri Vani G, Assistant Professor of the department of MBA gave a detailed talk titled 'Project Management and Engineering Education'. Mrs Sri Vani G started her talk by giving students an idea about management principles that can be applied in education as well as life. The introduction part of her talk focused mainly on the number of students enrolled for engineering, the recruitment process and the placement opportunities in India, especially in Telangana. The second part of her session concentrated more on tips on getting employed in a reputed company, firm or organization. She gave a quick introduction to different quotients; intelligence, emotional, physical, curiosity and adversity. She highlighted the importance of the session by quoting a favorite line of Narayana Murthy, 'Under promise, over delivery.' The third part of the session was used for explaining the way various engineering related industries work. Mrs Sri Vani G gave the students a vivid



glimpse of how industries work. She explained the qualities of an employer in three terms; Talent Acquisition, Talent Development and Talent Retention. She urged the students to make use of the different programmes in the institution to contently polish their talent to suit the requirements of the industry. Mrs Sri Vani G concluded her session by underlining the importance of professionalism and talent-nurturing in all the engineering streams.

Day-8

Session 2

Speaker Details: Mrs Neelima T .

Topic: ICT in Education.

As part of the Induction Programme for the First Year Students, Mrs Neelima T Assistant Professor, Department of Computers gave a detailed talk titled 'Project Management and Engineering Education'. Mrs Neelima T introduced the students to the concept of ICT as employed in engineering education as a system to transfer information. She explained ICT as a tool to improve the teaching learning process. She highlighted and connected the potential of ICT to Planning and Management, Access to Information, Efficiency, Learning, Teaching, Skills Formation, Lifelong Learning and Language. She said that by understanding the tools of learning, students will understand how to use them to learning new techniques as well as new methods of learning. After explaining the necessity of employing ICT Tools, Mrs Neelima T elaborated on its benefits. Easy to access material. Wide student participation, large-scale motivation of students, a shift from teacher-centric learning to student-centric learning and even active learning are seen as some of the benefits of ICT. In the last part of session, Mrs Neelima T elaborated on various open source tools for introducing ICT. While Google is majorly used as a search engine, WordPress is known as a easier tool to create our webpage so that information can be provided to those who seek it. He also gave the students a proper awareness of online learning platforms as OpenLearn, MIT's OCW, Xpert, Khan Academy, NPTEL Swayam, etc and encouraged the students to learn from as many as possible.



Day-8

Session 3

Speaker Details: Mr A Suresh.

Topic: Entrepreneurship.

An Induction Programme was conducted by the Department of Freshman Engineering on with the intention of introducing first year students to share knowledge of understanding the importance of choosing Engineering as a profession. Mr A Suresh, Associate Professor, who discussed about the 'Essence of Innovative and Entrepreneurship'. He explained the goal of Centre for Innovation and Incubation (CIE) at BRIG-IC and it promotes and supports technology based entrepreneurship spirit among the graduated and graduating students of BRIG-IC. Later, he provided different business ideas and spoke about its importance which is essential for students in their professional life. He also gave opportunities to two senior students who have gone for start-up teams, OUTORAL and FATKAT. The team shared their journey and experience to the first year students. Next they had explained about their start-ups. Their talked involved the goal of CIE and how it promotes and supports technology based entrepreneurship spirit. Finally, the details regarding funding, mentors who helped the mentees to nurture the ideas and start-ups and entrepreneurs were provided to the students. The session was ended with clarifying some doubts of the first year students. .

Day-8

Session 4

Topic: Co-curricular Activities (Professional Society Activities) .

As part of Induction Program for the first year students of visited their departments for post lunch session. All the departments took different initiatives for the talk and familiarizing the students with the department. The Department of Mechanical Engineering stressed on innovative ideas. They also urged the students to work on their presentation skills and self introduction skills as the department has found them to be important for student placements. The Head of the Department of Mechanical Engineering asked the students to focus on gaining non-technical skills



during the first year. The Department of CSE welcomed the students formally. The Head of the Department of CSE spoke briefly about sharing business ideas and the advancement of new technologies and their impact on today's life. He also stressed on their Center for Innovation and Entrepreneurship and asked the students to work hard to be a part of it. The Department of IT focused on the recent developments in IT and its tools and techniques. The Head of the Department of IT spoke about the future of IT in future and stressed on developing competency. The Department of ECE welcomed the students and their faculty introduced roles and responsibilities of a student's of ECE and gave a glimpse into the activities that are conducted in the different societies in ECE such as IETE, ISTE, IEEE etc. The Department of EEE discussed about their annual magazine and invited the students to work on their career skills as well as be a part of different department organizations such as ETA, ISTE, IEEE etc. The Department of CE focused on the advancement in day to day technology. The faculty also spoke about the scope of Civil Engineering in both private and government sector in the present and in the future. The Head of the Department focused primarily on achieving the basic requirements for professional growth.

Day-9

Session 1

Speaker Details: Dr. S Peniel Paul Doss .

Topic: Curriculum Framework.

As part of the Induction Programme for the First Year Students, Dr. S Peniel Paul Doss, Director , BRIG-IC gave a talk on 'Transformation'. Dr. S Peniel Paul Doss began his talk rather unconventionally albeit in a social manner, inviting answers from the student community to establish their understanding about the institution, their chosen engineering department and their future. He made them aware of the changing realities and changing methods of engineering education to face the job market in the future where a digital revolution might be in effect. He spoke briefly about the how an effective utilization of time in the academic environment can be managed by students. Dr. S Peniel Paul Doss further went on to make the students understand how to focus on wholesome education. He assured that by learning to focus on the cognitive, effective, loco motor and social dimensions, students can be



assured that comprehensive and conclusive learning experience happen. While concluding his session, Dr. S Peniel Paul Doss urged the students to be thorough with the course and programme descriptions in order to ensure maximum benefits from them so that they meet the required industry standards.

Day-9

Session 2

Speaker Details: Mr P Venkat Reddy

Topic: First Year Curriculum Structure.

As part of the Induction Programme for the First Year Students, Mr P Venkat Reddy, Head of Freshman Engineering, provided them with a detailed presentation on First Year Curriculum Structure. P Venkat Reddy welcomed the students formally again and emphasised on the importance of understanding their courses, the credits offered for each of them, the assessment details, the course articulation matrix, the CO's, PO's and the PSO's etc. The students were brought to an understanding through a semi-formal Q&A session and each engineering batch was offered an in-depth analysis of the upcoming two semesters. P Venkat Reddy listed out each course for the first and second semesters and explained the importance each of those courses have on the larger aspect of an engineering programme. Also, P Venkat Reddy explained the different levels of the Bloom's Taxonomy to the students with the intention of making them understand the levels of learning they undergo as per the design of the curriculum. He emphasized the effects of Outcome Based Education and urged the students to realize the Mission and Vision of the institution to understand where it stands and how further it can go. He also spoke briefly about the Thinking-Learning Process and urged the students to understand how important it is to be focused and pro-active.