



A Report on

## Induction Programme for Engineering Entrants

(A three weeks mandatory course for each branch of engineering of first year B.Tech. program)

Academic Year 2022-23



Institution

Birla Vishvakarma Mahavidyalaya Engineering College

(An Autonomous Institution)

Vallabh Vidyanagar

Affiliated with Gujarat Technological University,  
Ahmedabad, Gujarat

## Institution

Birla Vishwakarma Mahavidhyalaya Engineering College, an institution run by Charutar Vidya Mandal (CVM), one of India's leading NGO and non-profitable charitable organizations, is the first grant-in-aid engineering institution approved by state established way back in 1948. BVM Engineering College is one among premier technical institutes imparting finest quality education offering degrees in B.Tech., M.Tech in the state of Gujarat. The evolution of the institute over the past six decades has witnessed a strong blend of state-of-the-art infrastructure and intricately intertwined human resource committed to endow with professional education with thrust on creativity and innovation. The motivating environment in BVM for knowledge assimilation, generation, and dissemination with a sense of social responsibility, human values and concern for the environment have carved a niche for itself among the best technical institutes. In BVM, it is believed and practiced that excellence is a continuous process and in pursuit of which the institute has made deep forays into contributing world renowned technocrats, successful entrepreneurs, competent leaders, innovative scientists, and researchers. The main focus of the Institution is to empower students with sound knowledge, wisdom, experience, and training both at the academic level of Engineering and in the highly competitive global industrial market.

Birla Vishvakarma Mahavidyalaya Engineering College orchestrated a three week Induction Program starting from 8th September, 2022 to 28th September 2022 for the 1st Semester Bachelor of Engineering students enrolled in academic year 2022-23. The program was a unique fusion of specially engineered academic and non-academic activities, to nurture, mould and fortify engineering entrants for the days to come. The program was sponsored by BVM Alumini Association and celebrated in high fervour by the team of expert faculties of the institution. Entrants from Civil, Computer, Electronics, Electrical, Mechanical, and Production branches of engineering participated enthusiastically and obtained benefit from the program. The college committee for Induction programme invited experts from different leading industries and esteemed institutions to interact with the entrants and brief the learners with their expertise in various fields.

## Objectives of Program

The Induction Program 2022-23 was designed with several significant objectives which are mentioned below:

- The major objective of Induction Program was to offer engineering entrants acquaintance with new academic system and smooth transition to the core studies through the introduction of ethos and culture of the institution.
- The second key aim was to instil in entrants the virtues of health and hygiene and help them realize the power of inner strength to fight against unpleasant impact of pandemic.
- Besides, it had objective to develop awareness, sensitivity, and understanding of the self, people around them, society at large, and nature to correspond and contribute in the most meaningful way as an engineer.
- The program was designed to aid entrants build progressive and emotional ties with peers and faculty members to self explore and comprehend the larger purpose.
- Further, it also had a goal to offer exposure to wide range of curricular, co-curricular and extracurricular activities in order to sensitize entrants towards exploring their academic interest and goals for excellence in respective branch of study

Name of the Expert	Title of Session	Date	Duration
Coordinators of various Dept.	Campus Visit	08/09/2022	2:00 Onwards

Students visited all the departments: Library, Super cell, etc. with Departmental faculty coordinators. The aim of this visit was to give introduction of various block and informed how to reach classroom. During this visit students explored various academic facilities within the campus like SSIP office, 3D Printing machine, Robotics Lab, Multimedia room etc. During library visit students collected various information like how to avail book, the procedure of obtaining book from the library, types of journals available, and using e-books. After that they visited newly renovated smart class rooms of A-Block. Students are very excited for attending lecture after seeing interactive board and other digital resources of smart class room. 104 Students Attended the Session.

## Glimpse of Session



Name of theExpert	Title of Session	Date	Duration
Dr. Paresh Karia	The best advice I Ever got	09-09-2022	10:30am to 12:30pm

The expert session of Dr. Paresh Karia (Alumni of BVM, Industrialist) was organised to instruct and advise young learners. This was a one of the best life learning and brain storming session. The expert advised students by providing some of the best advices to incorporate in life; he advised the students how to utilize time for the betterment of career, social life, healthy life, and family life. Expert assisted students in changing the perception of one's life for living healthy, wealthy and stress free life. Total 82 Students Attended the Session.

### Glimpse of Session



Name of theExpert	Title of Session	Date	Duration
Mr. Jagadish Sasala	Time Management	09-09-2022	2:00 to 4:00 pm

The expert session accentuated importance of administration, Self-Control, and work-adjustment skills. The Revered speaker Shree Jagadish Sasala illustrated benefits of Time Management. The expert elucidated several strategies to develop the ability to organize time sensibly. The expert explicated that the entire process of designing, managing schedule and activity monitoring depends upon how an individual spends time on task accomplishments.

The skill of time management empowers an individual to finish tasks effectively in a shorter span. He emphasized “Coordination” i.e. associated to Time and Call for action as an instrumental skills for being effective time manger. Total 90 Students Attended the Session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr Tridipkumar Macwan	Basic Structure & Formations in English	09-09-2022	4:00 to 5.30 pm

The session was delivered by Professor Tridip Macwan. In his session, Professor Tridip explained students’ importance of English as a language of modern world. He dealt with the general communication in English and shared significant audio-visual content to make students comprehend usage of English in professional set up and general life. He explained students different between the general and technical communication by showing some videos and extracting meaning of it. Further, the session concentrated on accuracy and fluency in communication; Concepts of sentence structures and parts of sentences were discussed in order

to offer thorough comprehension of structure which would help students develop accuracy in English communication. Total 73 Students Attended the Session

### Glimpse of Session



Name of the Expert	Title of the Session	Date	Duration
IEEE; BVM	The Evolving Science and Technology Convention 2022	10-09-2022	10:30am Onwards

The Evolving Science and Technology Convention 2022, was hosted by IEEE BVM SB. This convention concentrated on the theme “Edging Towards a Connected Future”. There is no way to predict the future, and technology has power to alter everything - our perspectives, the way task are carried out, our methodologies and our outlook on life. Hence, substantiality of future technology, their role and impact and the association of prospective generations with technology were the prime grounds considered for the discussion in the session. The momentous Evolving Science & Technology Convention 2022 (ESTC'22) ceremony was

initiated by Drashti Gajjar and Harsh Shill, who invited the dignitaries on stage. Om Shukla, Chairperson of IEEE BVM SB gave welcome speech along with the floral welcome of the guests. Following this, Dr Darshan Dalwadi, Branch Counsellor of IEEE BVM SB, glanced over the fantastic events previously held by IEEE BVM SB. Furthermore, Dr Jagdish Rathod elucidated the ESTC, which was held in the platinum jubilee of Birla Vishvakarma Mahavidyalaya. Dr. Indrajit Patel, Principal of Birla Vishvakarma Mahavidyalaya Engineering College, Er. Bhikubhai Patel, Chairman-Charutar Vidyamandal & President of CVM University. Er. Prashant Kungadiya, Guest of honour Er. Pravin Sersiya, chief guest for the function, graced the occasion by their presence. 249 Students Attended the Session

### Glimpse Of Session

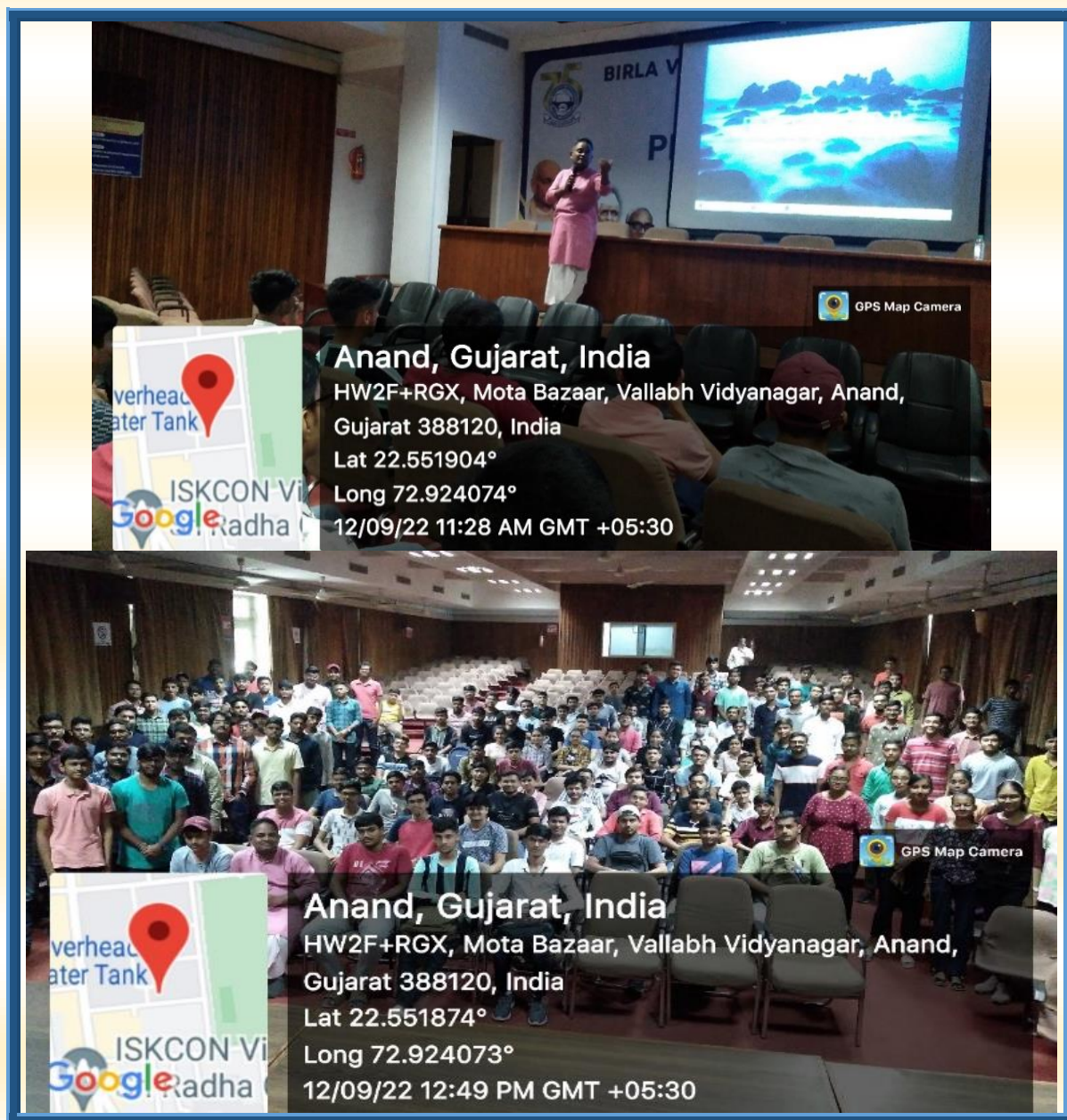


Name of the Expert	Title of Session	Date	Duration
Shree Jagdish Sasla	Importance of Bhagvat Geeta	12/09/2022	2.00 pm to 4.00pm

This session on 'Cherishing Importance of the Bhagvata Geeta' was conducted by Revered Shyam Vansidhar, ISKON, Vallabh Vidhyanagar, Gujarat. Revered Shyam Vansidhar pointed out ideas of pure living, valid use of strength to polish incarnate, discipline making, honesty and integrity, kindness and purity of soul with the intention of finding the ways by understanding the value of Time and Action (Karma). The expert, further, enlightened students how the law of Karma and ethical correction makes the difference in one's living. The expert explained

meaning of Karma, Value of Time, self-controlling etiquettes and Vedic Wisdoms. Total 135 Students attended the session

### Glimpse of Session



Name of theExpert	Title of Session	Date	Duration
Dr Anuradha Joshi	Discover yourself/Effective learning strategies	12-09-2022	2:00 to 4:00 pm

Dr. Anuradha Joshi delivered an expert lecture on Discover yourself/Effective learning strategies. Dr. Anuradha Joshi has been associated with Pramukh .Swami .Medical .College which is a part of Charutar Arogya Mandal wherein currently she is working as an Associate Professor in Department of Pharmacology. In her talk, she defined self-discovery,

understanding the importance of knowing yourself, Assessing competencies, and it helps understand point of development for creating a path to reach one's objectives. She discussed on finding self means being more aware of the person who is constituted of especially construct, abilities, intelligence, feelings and working on them, Metacognition (Thinking about thoughts, personality, goals, and dream). Thus, students received fruitful information and practical knowledge about discovering self through Effective learning ideas. Total 113 Students Attended The Session..

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Civil & Structure Department	Departmental Activities	12-09-2022	4:00 to 5:30 pm

Civil and Structure Departments jointly organized this session. This session commenced with speech of Dr.S.D. Dhiman, Head of Civil Department. He provided brief introduction of civil and structural engineering also he discussed importance of Civil engineering in society. After that, Dr Dhiman discussed various activities and program organized by civil and structure department. Later the session was taken over by team IEI student chapter Civil. The team discussed about IEI student chapter and showed introduction video clip to the students so they can understand in a better way. Also they showed a documentary film based on smart city DHOLERA. Points concerning planning of roads, drainage, and construction of Dholera smart city were discussed in this session. Total 83 Students Attended The Session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Shree Aadi Gurudasji	Power of Good habits and Controlled Mind	13-09-2022	10:30AM to 12:30PM

The session was delivered by Spiritual mentor Aadi Gurudasji. He is associated with ISKON, Vallabh Vidyanagar. He is a spiritual mentor who is dedicated to youth enlightenment. Revered Adiguru Dasji delivered talk on 'Power of Good habits and Controlled Mind'. The expert illustrated students difference between good and bad habits, gap between knowledge and action, brain's behaviour, self-change and inner change in the session.

The expert started session emphasising value of knowledge and action on that knowledge. He explained that applied knowledge is real Power. Then he shared a lesson from military training to make students understand cycle of habit and its formulation. The expert elucidated that it's the Karma that makes one king of thoughts and desires. So people act according to thoughts and the actions decides reaction. And that reaction affects physical state. Habit is a way for brain to save energy. After that the expert made students understand the mechanism of mind by practical example and guided students to seek and achieve inner change. The session ended with open house discussion. Total 135 Students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr.N.M.Patel and Prof. P.B.Swadas	Introduction about CSI chapter & Emerging area of Computer Science	13-09-2022	4:00PM to 5:30PM

The session was delivered by Dr.N.M.Patel and Prof. P.B.Swadas. Dr.N.M.Patel is a Professor, and Prof.P.B.Swadas is an Associate Professor at Computer Engineering Department of BVM Engineering college. Dr. N.M.Patel provided brief information on different chapters currently active in the institute. Further, the expert acquainted students about different activities undertaken during the year under CSI chapter. He also explained the process of availing membership of CSI chapter. He also furnished knowledge about the basic programming languages and its expediency across all engineering branches. the session covered discussion on types of language, concept of higher level language, algorithms, flow charts, iteration using loop, if ... else condition and making algorithms. Prof. P.B.Swadas students' information about emerging technologies in computer science. The expert explained how computer knowledge is import in every area of day to day life. Total 104 Students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr. Bhargav Goradiya Dr. A. N. Bhavsar Dr. Aakar Roghelia Dr. Haresh Patolia	History of Vallabh Vidyanagar and Introduction to Various Activities by Central Core Team and Interaction With Seniors	14-09-2022	10.30 am to 12.30pm

The session started with a short film revealing history of Vallabh Vidyanagar and the institution. The student came to know about how the city was planned and how BVM engineering college was established. After the short film conveners of various committees Dr. Bhargav Goradiya (Vice President, BVMCC), Dr. A. N. Bhavsar (Technical Convener), Dr. Aakar Roghelia (Cultural Convener), Dr. Haresh Patolia (Sports Convener) explained about various activities organized round the year by their respective committees. Team BVM believes in the overall growth of the students.

Later, student central committee was introduced to first year students. Here, student leaders briefly explained the role of various committees in the college. Students also obtained information about extra-curricular and co-curricular activities organised by the institution during academic year. Total 138 students attended the session..

### Glimpse of Session





Name of the Expert	Title of Session	Date	Duration
Dr.Rashesh Mehta Dr.Bhargav Goradia Dr.Hiren Patel	Briefing of SSIP ISTE IEEE	14-09-2022	02.00 am to 04.00pm

The session aimed to provide introduction to different technical clubs or local chapters - which are active on campus for betterment & development of all the first year students.

NPTEL – Dr. Rashesh Mehta, NPTEL Coordinator, and Prof. Dharita Patel gave an overview about NPTEL initiative as well as Swayam portal. Students were also informed about BVM's Credit Transfer policy & motivated students to take maximum benefit of it.

SSIP – Dr. Bhargav Goradia enlightened students about start-up ecosystem. Then Dr. Rajvir Rana furnished detailed presentation on SSIP BVM & its functions. He also addressed procedure for registering start-ups - patents & gave brief on SSIP BVM's policies.

ISTE – Dr. Hiren Patel, faculty advisor of ISTE, delivered a detailed presentation on ISTE & its area of functioning. Students were familiarised with the past events of ISTE BVM & registration procedure for ISTE BVM. Total 104 students attended the session.

#### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr Bhargav Goradiya	Electronics & Communication Department	14-09-2022	04.00pm to 05.30pm

Dr Dr Bhargav Goradiya provided brief information of Electronics & Communication Department. The expert furnished an explicit introduction to electronics and communication department. Later, he acquainted students with different departmental cells and activities and also informed students the accolades of all the cells and activities of Electronics and communication department. Students were also made aware of importance of the EC as a branch. Further, expert appealed students to partake in all the activities enthusiastically in order to enhance their cognitive status. Expert also introduced the apt faculty team and how students can interact with them to obtain best in academics. The session ended with open house discussion. The Expert attended all the queries of students successfully. Total 109 students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr. Narottam Sahoo, Dr. P.M. Udani, Dr. D.J. Shah, Dr. Prashant Kunjadiya	IETE Student Forum (ISF) BVM Inauguration Program & Engineer's Day Celebration	15-09-2022	10.30 am to 12.30pm

The session was dedicated for IETE Student Forum (ISF) BVM Inauguration Program and Engineer's day celebration. Dr. Narottam Sahoo (Chief Guest, Advisor at Gujarat Council on Science and Technology (GUJCOST)), Dr. P.M. Udani (Guest of Honor & Keynote Speaker, Director General of C.V.M. University), Dr. D.J. Shah (Guest of Honor, Chairman IETE, Ahmedabad Centre) and Dr. Prashant Kunjadiya (Guest of Honor, Secretary, Vigyan Gurjari) graced the occasion.

On this occasion, Dr. Tanmay Pawar welcomed the house and briefed about Electronics Department's Vision, Mission and achievements. Dr. Darshak Thakore congratulated everyone on 55th Engineers day and furnished information on successful implementation of TEQIP II, TEQIP III, Academic council and Board of Studies. Dr. D.J. Shah briefed about the I.E.T.E. and its centres and activities in India and abroad. Dr. Narottam Sahoo virtually delivered talk on Shri Mokshagundam Visvesvaraya who was the first civil engineer of India and also talked on contribution and role of engineers in society. Dr. P.M. Udani emphasized on chip manufacturing in India and delivered information on Electronics Companies and job opportunities. Through digital medium Dr. Indrajeet N. Patel congratulated the organizing committee of BVM College for organizing this event and wished success to college in every future endeavours.

Dr. J.M. Rathod concluded session with vote of thanks. The whole event was anchored by a student team, Dhruv Marathe and Dhriti Shah. Total 214 Students attended the session.

#### Press Note

## વિધાનગર બિરલા વિશ્વકર્મા મહાવિદ્યાલય ખાતે ૫૫ માં એન્જિનિયર્સ ડે ની ઉજવણી



આઈઈટી, તા. ૧૭  
બિરલા વિશ્વકર્મા મહાવિદ્યાલય ખાતે ૫૫ માં એન્જિનિયર્સ ડે ની ઉજવણી તથા ઈન્સ્ટિટ્યુશન ઓફ ઈલેક્ટ્રોનિક્સ એન્ડ ટેલિકોમ્યુનિકેશન એન્જિનિયર્સ સ્ટુડન્ટ ફોરમનો પ્રારંભ કરવામાં આવ્યો.

આ પ્રસંગે ડૉ. તન્મય પવારે સૌનું અભિવાદન કરી વર્ષ ૧૯૮૪ થી શરૂ થયેલ ઈલેક્ટ્રોનિક્સ એન્જિ. ડિપાર્ટમેન્ટના મિશન, વિઝન તથા એચિવમેન્ટ્સ વિશે જણાવ્યું હતું. ડૉ. દર્શક ઠાકોરે સૌને ૫૫ માં વર્લ્ડ એન્જિનિયર્સ ડે નિમિત્તે સૌને

શુભેચ્છા પાઠવી હતી. ડૉ. ધર્મેશ શાહે જણાવ્યું હતું કે, ઈન્સ્ટિટ્યુશન ઓફ ઈલેક્ટ્રોનિક્સ એન્ડ ટેલિકોમ્યુનિકેશન એન્જિનિયર્સની શરૂઆત વર્ષ ૧૯૫૩ થી થઈ જેમાં અત્યારે ૧૨૫૦૦૦ થી વધુ મેમ્બર્સ છે તથા દેશ અને વિદેશમાં ૬૪ થી વધુ સેન્ટર્સ કાર્યરત છે. ડૉ. પી.એમ. ઉદાણીએ જણાવ્યું હતું કે, આગામી સમયમાં ભારતમાં ચિપ મેન્યુફેક્ચરિંગ સર્વોચ્ચ ઊંડાઈએ પહોંચશે. વર્તમાન સમયમાં ભારતમાં ૩૦૦ મિલિયનથી વધુ મોબાઈલ ફોન્સ મેન્યુફેક્ચર થાય છે જે

આગામી સમયમાં ૧ ટ્રિલિયન સુધી પહોંચશે. ડિજિટલ માધ્યમથી સંસ્થાના પ્રિન્સિપાલ ડૉ. ઈન્દ્રજિત એન. પટેલે ૫૫ માં એન્જિનિયરીંગ કે તથા ઈન્સ્ટિટ્યુશન ઓફ ઈલેક્ટ્રોનિક્સ એન્ડ ટેલિકોમ્યુનિકેશન એન્જિનિયર્સ (આઈઈટીઈ) સ્ટુડન્ટ ફોરમનો પ્રારંભ બદલ સૌને અભિનંદન પાઠવ્યા હતા.

ડૉ. પ્રશાંત કુંજડીયાએ વિજ્ઞાન ગુર્જરી અંતર્ગત પ્રવૃત્તિઓ વિશે માહિતી આપી હતી. અંતે ડૉ. જગદીશ રાઠોડે સૌનો આભાર વ્યક્ત કર્યો હતો.

## Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr. Mayur Parmar	Language Acquisition & Language Learning	15-09-2022	2.00 pm to 4.00pm

The resource person – Dr Mayur Parmar, Principal of H.M. Patel English Training and Research, Vallabh Vidhyanagar, Gujarat, conducted interactive session for the betterment of students. He delivered his expertise in theoretical and practical format. Here, the intention was to draw such young learners to the reliable and accurate way of Learning English language. In addition, he familiarised students through live demonstration of producing and practising sentences to communicate. Total 120 students attended the session

### Glimpse of Session



Name of theExpert	Title of Session	Date	Duration
Shree Yagnik Gupta	Journey to First to Final	16/09/2022	10:30 am to 12:30 pm

The session unveiled Vedic Wisdoms in modern world. The expert accentuated significance of entrepreneurship and motivated students to have a zeal to start own venture. Expert, Mr Yagnik Gupta, enlightened students on various aspects of academic life and habit to develop during graduation phase in order to ensure progress. He also informed students about the procedure of starting a start up and provided insights into various legal compliances the start up requires to abide with during registration, in inception phase and while leading business further. He also informed students the concept of sustainable growth and its implication.

Total 172 students attended the session

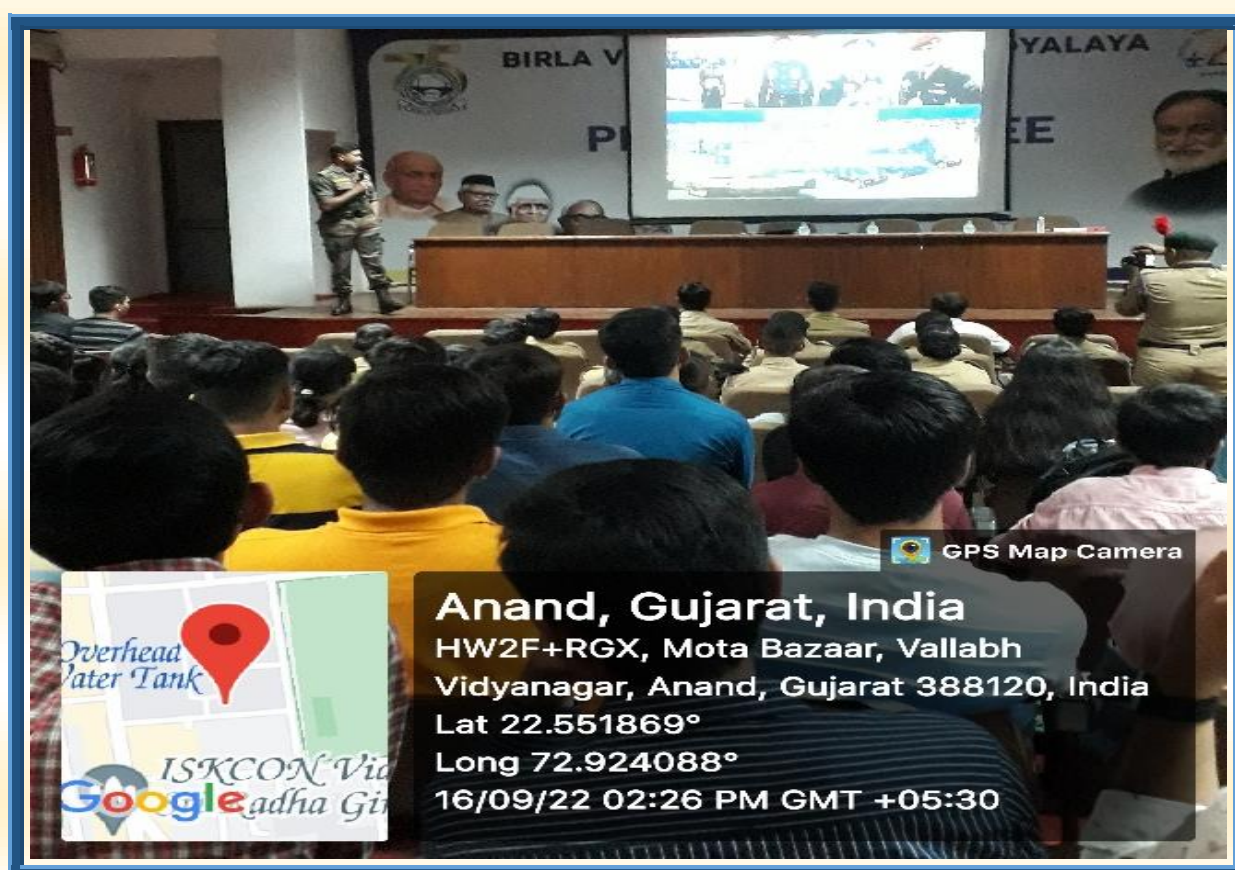
### Glimpse of Session



Name of theExpert	Title of Session	Date	Duration
Lt. Col. Satheesan	Introduction to NCC Activities	16/09/2022	2.00pm to 4.00pm

The session on Introduction to NCC Activities was conducted by Lt. Col. Satheesan R. The expert mentioned about the 3 pillars of armed forces which includes, Indian Army, Indian Navy and Indian Air Force. The presentation of the expert shown the glimpses of the activities, weapons, vision and some famous personalities in every domain. Later on, the presentation focused on the National Cadet Corps and the activities conducted by camping, rafting, paragliding, and hiking. The vision of NCC is to learn unity and discipline in order to be a good uniformed volunteer. NCC was born on 15<sup>th</sup> July, 1948 with approximately 20,000 volunteers with the scope of instilling the cadets with courage, discipline and patriotism. Currently, NCC is the largest uniformed youth volunteer organization in the world. The session ended with the slide containing the benefits and incentives of NCC which says that students can achieve an additional credits in academics. In addition, they can have opportunity to perform adventure sports, meet some of the highly designated dignitaries of India during RDC (Republic Day Camp) and achieve confidence by interacting with other cadets during camping. Total 95 Students and entire NSS unit of BMV attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr P M George	Mechanical Engineering	16/9/2022	4:00 pm to 5:00 pm

The session was engaged by Dr P M George, Head Mechanical Engineering Department & Dr Vinay Patel. Students were hands on information on scope of mechanical engineering and the latest developments in the field. The session emphasised on the ways one can secure the best job after graduation. Further, students were acquainted with various functions of mechanical engineers such as conducting research and analysis, designing equipment, developing systems, building structures, examining mechanical devices, and assessing thermal devices. Total 109 students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Mr. Milan Pandya	Critical thinking Skills	19-09-2022	10.30 am to 12.30pm

The expert session of Critical Thinking helped students to develop the ability to think clearly and rationally. The Speaker explained the term 'Argumentation' as “reason giving” and explained that Critical Thinking & Argumentation include the ability to engage students of Engineering in reflective and independent thinking using reasoned and valid arguments. It demands evaluating information and thoughts in a disciplined way, moreover, it provides keys for unlocking one's intellectual independence leaving one willing and able to explore and solve problems for self. The expert guided students how to keep away from rash conclusions, bad arguments and reluctance to question received wisdom, authority or tradition. The intention was to develop awareness towards intellectual discipline. Total 105 students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Ms. Kuntal Desai	Developing Vocabulary For Academic & General Purposes	19-09-2022	2.00 pm to 4.00pm

This session was designed to familiarize students with the importance of English language and communication and the significant role of vocabulary in it. The expert demonstrated the role of vocabulary and multidimensional features of using same word in different contexts. She also discussed the strategies helpful in developing vocabulary considering the academic and general purposes of the English language for students. It also included many interactive activities and students responded through their active participation throughout the session. Overall, it was an insightful and interesting session. Total 105 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr. Vithal Kamat	Solar Powered Vehicles Electronics Department	19-09-2022	4.00 pm to 5.30pm

The expert talk was on Solar Powered Vehicles. Dr. Vithal Kamat, M.D. of Baroda Electric Meters was the expert for the session. Prof. Ajay Daiya from Electronics Department welcomed Dr. Kamat sir offering a bouquet of flowers. Dr. Kamat explained the role of engineers in society, and helped students comprehend the concept of engineering and the need of engineering. He also emphasized on solar powered vehicles and Battery Management System(BMS). In addition to this, sir also gave information on Ail Judiciary system.

The session ended with question answer session. The session was really informative, full of knowledge and interactive. Total 83 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Prof. Apoorv Joshi	Corporate Etiquette - Do's and Don'ts	20-09-2022	10.30 am to 12.30pm

The expert session of “Corporate Etiquette - Do's and Don'ts” was delivered by the resource person Prof. Apoorv Joshi, H.M. Patel Institute of English Training and Research, Vallabh Vidhyanagar, Gujarat. This session aimed to acquaint the students with corporate etiquettes; a professional, mutually respectful atmosphere; and improved communication, all of which contribute to an office serving as a productive place. The experts shed light on a variety of etiquettes including e-mail etiquette, telephone etiquette, physical appearance, and meeting etiquette. A few activities and interaction with learners were also included during the session. Indeed, this session culminated in the development of professionalism in the learner's life. Total 106 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr.Rekhakumari Singh	Gender Equality, its importance & Constitutional Provision & Law	20-09-2022	2.00pm to 4.00pm

During her session, students received information regarding Gender inequality, Harassment, Mental and Physical abuse. To know Constitutional Law is a remarkable experience for young learners. The intention to know the rules and regulation so one can protect citizens from any abuse. The speaker defined some of the crucial terms related to constitution and explained briefly about human rights and gender bias. She incorporated various topics Valuing different behaviours, Equal ease, Equal rights and Helping women to gain power in a same lecture and denoted the notion of equal rights in human life. Total 239 students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Prof. Kanu Patel, Prof. Dipan Parikh, Dr. Vatsal Shah	Introduction to IT, MYSY Scholarship and GDSC BVM	20/09/2022	4.00 to 5.30

The session was initially conducted by Prof. Kanu Patel to introduce the world of IT to the students. By this, the students were introduced to different fields of IT like, Data Science, Web and Application Development and so on. Later on, the session was continued by Prof. Dipan Parikh who explained the importance and criteria for MYSY scholarship. The expert described the procedure and eligibility criteria like, their academics and family background. Finally, Dr. Vatsal Shah introduced the students to the GDSC BVM team who then gave some insights of GDSC team and explained the events that occurred in the past. They found a unique way to interact with students by playing a Quiz online on Kahoot where they were requested to create unique name and start the quiz. The quiz questions were general and were displayed on the projector screen, students just needed to identify correct answer. In addition, the GDSC team shared their ideas on upcoming events for the current academic year. Also, the students were engaged in another fun activity in which the students had to guess the speaker from the audio. At the end, they helped the 1<sup>st</sup> year students of different branches to make group by their month of birth and explained them to form network with other students to become extrovert. To conclude, the students enjoyed the session of scholarship and got motivated to take part in chapters like GDSC whether they are from CP/IT or not. Total 104 students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Time
Prof. Meghaben Patel	Presentation skills	21-09-2022	10.30am to 12.30pm

The Presentation skills enhancement session was conducted by Prof. Meghaben Patel, H.M. Patel English Training and Research, Vallabh Vidhyanagar, Gujarat. She provided guidance to learners to improve Presentation skills. The session unwrapped different tips and techniques to win PowerPoint presentation. A strong introduction to take the main idea of the subject and create an interesting and captivating demonstration to capture the audience's attention was furnished by the speaker. The Speaker illustrated excellent presentation, topic-focused speaking, and tone of speaker, use of body language, as well as Do's and Don'ts of presentation. The session also helped students to overcome the stage fright and communication apprehension. Total 102 students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Time
Dr. Kishankumar Joshi	Interview skills	21-09-2022	2.00pm to 4.00pm

The resource person Dr. Kishan Joshi, Institute of Language Studies and Applied Social Science, Vallabh Vidhyanagar, Gujarat, acquainted students with successful interviewing skills. He explained that tackling interview positively helps maximize the probability during that a job candidate will make a positive impression upon a prospective employer. An area of continued concern related to potential employee readiness involves performance in interviews. Questions remain regarding the effectiveness of higher educational systems to develop the variety of efficient skills necessary for students to showcase the full array of their qualifications within an interview. Hence, the session dealt with all the important aspects of Interview skills. Total 128 students attended the session

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr. Trupti Desai	Mathematics Department	21 -09-2022	4.00 am to 05.30pm

Dr Trupti Desai provided brief information about Mathematics Department and various activities carried out by various department coordinator during the previous academic year. The Expert also enlightened students about the significance of mathematics in real life situations and how it aids engineering application. She appealed students to enhance mathematical skills to ensure success in the field of their concentration. Total 89 students attended the session.

### Glimpse of Session



Name of theExpert	Title of Session	Date	Duration
Prof. Ajit Marchant	Fun Learning Activities	22 -09-2022	10.30 am to 12.30pm

The Internal Faculty member Mr. Ajit Marchant, Faculty of English (Mathematic Dept.) of Birla Vishwakarma Mahavidhyalay, Vallabh Vidhyanagar, Gujarat, conducted the expert sessions on “Public Speaking on 22nd of September 2020. The session emphasised topics:

1. Overcoming Stage fright.
2. Practising Speaking with ease
3. Student Centric Learning.

Total 133 students attended the session.

### Glimpse of Session



Name of theExpert	Title of Session	Date	Duration
Dr. Maunas G. Thaker	Leadership Development	22 -09-2022	02.00 Pm to 04.00 pm

The session on acquaintance and significance of Leadership skills development (inside and outside of workplace) conducted by Dr. Maunas Thaker, Faculty of H.M. Patel English Training and Research, Vallabh Vidhyanagar, Gujarat. He provided his expertise to build leadership skill and Strength to shine as an individual performer to young learners. He explained Leadership skill's importance to build career and bring reformation in general and professional field. Moreover, he pointed out the role of Leadership Development in professional domain. Such elements are important to shape professional life and develop accountability, management skills, negotiation skill and effective communication style. Total 96 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr. R.P Mehta, Prof G.K Sharma, Prof D.K Patel , Prof Kashyap Gadhiya.	Electrical Engineering Department Introduction To NPTEL	22/09/2022	2.00pm to 4.00pm

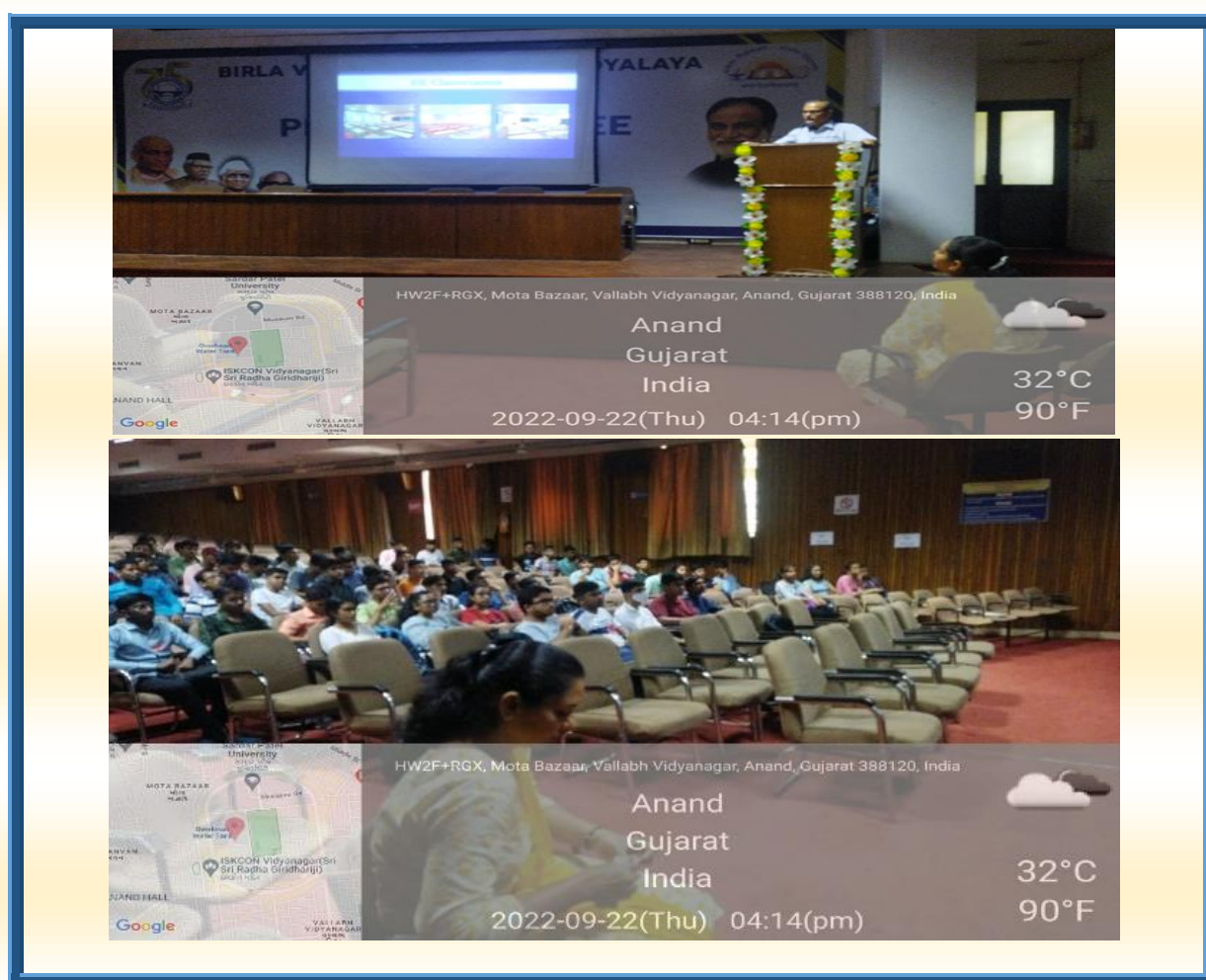
### 1. Introduction to EE Department:

Prof Dr. R.P Mehta shared his experience and motivated the students. He told students to improve their approach to life and studies. He introduces EE Department and their Faculties with expertise in various domains.

### 2. Higher studies, NPTEL and Competitive Exams :

Expert also made attendees aware about Higher studies, NPTEL , Credit transfer rules,GATE activities ,Practical Project w,orks and various open forum lectures beyond the curriculum. The entire Session was very well conducted by Prof Gaurang Sharma and Prof Kashyap Gadhiya . Total 133 students attended the session. Total 76 students attended the session.

### Glimpse of Session



Name of theExpert	Title of Session	Date	Duration
Dr Rohit Bagthariya.	Action research for professional development	23/09/2022	10.30am to 12.30 PM

The session explicated the application of action research. He informed students the ways to determine that Birla Vishvakarma Mahavidyalaya (BVM) is the best college for them using action research as a method. The principle and several research types were also explained. The major topic of the lecture was how action research could be applied to professional growth, particularly in the field of engineering. Total 130 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr. Rajnikant Dodiya	Communication Skills	23 -09-2022	2.00 pm to 4.00pm

The expert session on the topic “ Communication skills” was delivered by Dr. Rajnikant Dodiya, Faculty of H.M. Patel English Training and Research, Vallabh Vidhyanagar, Gujarat. He presented the value of listening skills and Speaking skills as the most important aspects of communication. I.e. helpful to be Straight talker, improve Non-verbal communication, to handle stress during conversation as well as emotion control. The intention behind conducting such session is to convey points of Communication etiquettes’ to audience. Here, such kind of knowledge is fruitful to develop ability to understand any situation and prepare an appropriate or suitable response. The speaker discussed about how to explain things to listeners in order to maintain smooth relationships and to convince others. He further informed students about the knowledge of word selection and skills of pleasant communication at workplace. Total 113 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
TRS Team	Robotics	23/9/2022	4:00pm to 5:00pm

In this session various speakers briefed about economic growth and productivity and new career opportunities associated to Robotics. The idea regarding how the robots were developed and how this society will be beneficial to the students, in today's life robots have wide industrial applications, atomic energy, etc. and entered newer domains of education, rehabilitation, entertainment, and even into our homes. In this session TRS team have discussed regarding how to develop the various robots and were they have participated after making this robot, how it will be beneficial to engineering students after graduation. Total 92 students attended the session.

### Glimpse of Session



Cricket Teams	Title of Session	Date	Duration
	Sports Activities & Quiz	24/09/2022	10:30am to 12:30 pm

The session was initiated by Coordinator of Sports activities and student's in-charge of institutional sports club. He acquainted students about various sports activities and appealed students to partake in different sports competitions organised by different state and national level sports bodies. He also familiarised students with the institutional sports facilities and achievements of college students in various sports competitions. Total 119 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Prof. Snehal Mevada	Academic Regulations	26/09/2022	10:30 to 12:30

The Expert commenced session with the introduction of the curriculum and academic system along with the examination scheme. Students were provided requisite insights into examination scheme and assessment criteria along with the rights of students concerning academics and examination. Total 111 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr. H.J. Chauhan	Introduction to DRONE	26/09/2022	2;00 to 4:00

In this session of introduction to drone, Dr.H.J. Chauhan started the session with the basic introduction of drone, he discussed about the various part of drone, the function of each part and how drone is used for data collection. After this he gave a brief overview of drone survey, the camera used in day time and during night. Also he discuss the process of flying drone, fixed route path, controlling of drone, data collection and data analysis Total 124 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Ajit Marchant	Fun learning (Role play )	26-09-2022	2.00pm to 4.00pm

The sessions were organized for the betterment of first year students. Both the sessions delivered by the speaker with the intention to let students delight in auditorium with their respective group. To do so, the less theoretical and more practical format taken into consideration. Here, the purpose is to guide young learners and remove their stage fear. This is one of the accurate ways of learning English language. Students adapted live demonstration and practiced individually as well as in groups. The session was very interactive and full of fun. Total 131 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Dr P M George	Value engineering	26/9/2022	4:00 pm to 5:00 pm

In this session, total 109 students were present on 26/09/22, the expert of the session was Dr P M George Head Mechanical engineering Department talked regarding the Value engineering. How value engineering is important in engineer's life for that what kind of ethics & attitude one have to develop for the welfare of the society. According to expert, the Value engineering is widely associated to identify and solve problems, exclude unwanted costs and increase functions of machines, tools and product quality. Total 115 students attended the session.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Prof. Ghanshaym Rathod	Effective use of Google Tools	27/09/2022	2:00 to 4:00 PM

As part of Induction program, on 27th September 2022, an expert talk was organized on "Effective use of Google Tools" at B.V.M. Auditorium. Prof. Ghanshyam Rathod was the expert person for the session. Prof. Rathod explained how to use different Google tools in the day to day life.

The expert started the session with Email where students learned Drafting, Signature and all the related tags. In addition to this, finding the stolen/hidden phone, retrieving or erasing information through email was very interactive. Apart from this, sir also emphasized on Google Drive, creation of Google form, every tags on Google form, sharing and storage information. To add more, how to generate QR code was also explained. The session also included 3 quiz through Google form.

Session was ended with questions and answers. The session was really informative, full of knowledge and interactive to students. Total 89 students attended the session. Prof. Nadimkhan Pathan gave the vote of thanks and concluding remarks.

### Glimpse of Session



Name of the Expert	Title of Session	Date	Duration
Mr. Dhaval Thacker	Speed Learning	28/09/2022	10:30am to 12:30 pm

The speaker elucidated various advantageous activities which can help students to decrease anxiety and feel confident while learning a new skill. He pointed out the importance of growing as a speed learner. Active participation and generating curiosity to acquire a new skill is highly advantageous to young learner. According to speaker, deep sleep and meditation strengthen memories. Such undertakings can help students to reduce stress. Furthermore, he added that Slowing and deepening our breath can help us feel confidence. He advised students to remain in calm atmosphere and stay technology free for sometimes in a day.

This is logically suitable to focus on the assigned task by finding out the answers of challenging questions. It can bring some positive benefits at workplace. Total 88 students attended the session

### Glimpse of Session



The Below are the outcomes of the program

- 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

The induction program was designed and implemented by Dr. Trupti Desai, Convener Induction Program under the apt guidance of Dr I N Patel, Principal BVM Engineering College. Professor Tridip Macwan and Professor Ajit Marchant acted as overall coordinators along with the team of departmental representatives. Departmental representatives managed and compeered allotted sessions. The entrants, the teachers, and the stakeholders received optimum benefit from the programme. With the fulfilment of the stated objectives, the Induction Programme concluded with great success.

## Acknowledgment

I wish to express our deep sense of gratitude to ...

- Er. Bhikhubhai B. Patel (Chairman, CVM)
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- Hon. Secretary and Joint Secretary of CVM
- Respective Industries and Professionals
- Dr. Indrajit Patel (Principal, BVM)
- Dr. P.M. George (Dean, Academics)
- All the Heads of different Departments of BVM
- All the committee members of Induction Programme
- All the Teaching and Non-Teaching Staff
- Team of Students

*Dr. P. M. George*  
*Dean, Academics*

*Prof. (Dr) Trupti Desai*  
*Convener*  
*Induction Program 2022-23*