



Delivering Excellence
Consistently

Bearys
**Institute
of Technology** 
MANGALORE

Our Vision

To be a world-class engineering institution, nurture leaders in every field of technology and groom knowledgeable men and women who can significantly contribute to a progressive, peaceful and greener world.





Clarity of Mind + Purity of Heart

Bearys Institute of Technology (BIT) firmly believes that its motto will help realise its vision. We aim to instil the first half of the motto - Clarity of Mind – through a carefully crafted curriculum of academics and personality development programs.

Today's student with clarity of mind is sure to become tomorrow's focused professional.

The second half of the motto – Purity of Heart – arises when the student is exposed to upholding basic human values, respecting nature and helping the weak and disadvantaged.

We believe that a student with both Clarity of Mind and Purity of Heart not only becomes an exceptionally focused professional but also a responsible citizen.



My Lord! Advance me in knowledge

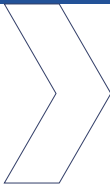


By the grace of the Almighty, imparting education has always been an integral part of all Bearys initiatives. Among them Bearys Institute of Technology (BIT) takes the pride of place. It is my firm belief that everything about BIT from the inception, planning to execution was preordained by the Almighty. It is my conviction that the same hand will continue to guide us in the years to come.

I have always wondered that when our country can produce Managers of high calibre, why not leaders and innovators too? We at BIT aspire to make our Institution a Centre of Excellence renowned all over the world for producing leaders and innovators. We aim to achieve this by focusing on both Nature and Nurture which form the very foundation of BIT.

It therefore gives me immense pleasure to extend to you a warm welcome to BIT, a gateway towards a new generation of leaders, innovators and professionals in the true sense.

Syed Mohamed Beary
Chairman, BEARYS GROUP OF INSTITUTIONS



BIT, from its inception has been recognized as a futuristic Engineering College. Applauded by the discerning circles, academia & industry leaders, BIT is on the threshold of emerging as a world class institution.



BEARYS INSTITUTE OF TECHNOLOGY, MANGALORE

Karnataka's first fully Integrated Residential Engineering College with a Sustainable Green Campus

Founded by the Bearys Group, BIT is a minority institution under the aegis of Bearys Academy of Learning. We believe that our location and strong environmental orientation, coupled with rigorous academic program, make BIT a college with a difference offering excellent scope for pursuing higher education.

Leveraging the extensive Bearys network and the experience of our faculty, we give our students a local-global perspective as well as excellent exposure to industry-academia interaction. This in turn results in well matched job prospects for the student upon graduation.

The college offers independent residential facilities for boys, girls and faculty to make learning accessible. Sports and recreation facilities are provided for enhanced student interactions and physical fitness.

BIT is a young and dynamically evolving institution reflecting the motivating spirit of its founding principles. We do not have a long history but are future ready.





LOCATION, LOCATION, LOCATION

Advantage Mangalore!

A strategic location and inspiring environment play a major role in stimulating learning.

Over the past few decades Mangalore has become recognised as an educational hub offering superior standards of education. It has also developed into major business and commercial centre with several large and global companies functioning from here. A recent survey has in fact placed Mangalore as the fastest growing non-metro in South India.

Located on the south-west shores of India, Mangalore is among the most picturesque and naturally bountiful cities in South India. It is a multi-cultural and multi-lingual city that is both friendly and welcoming.



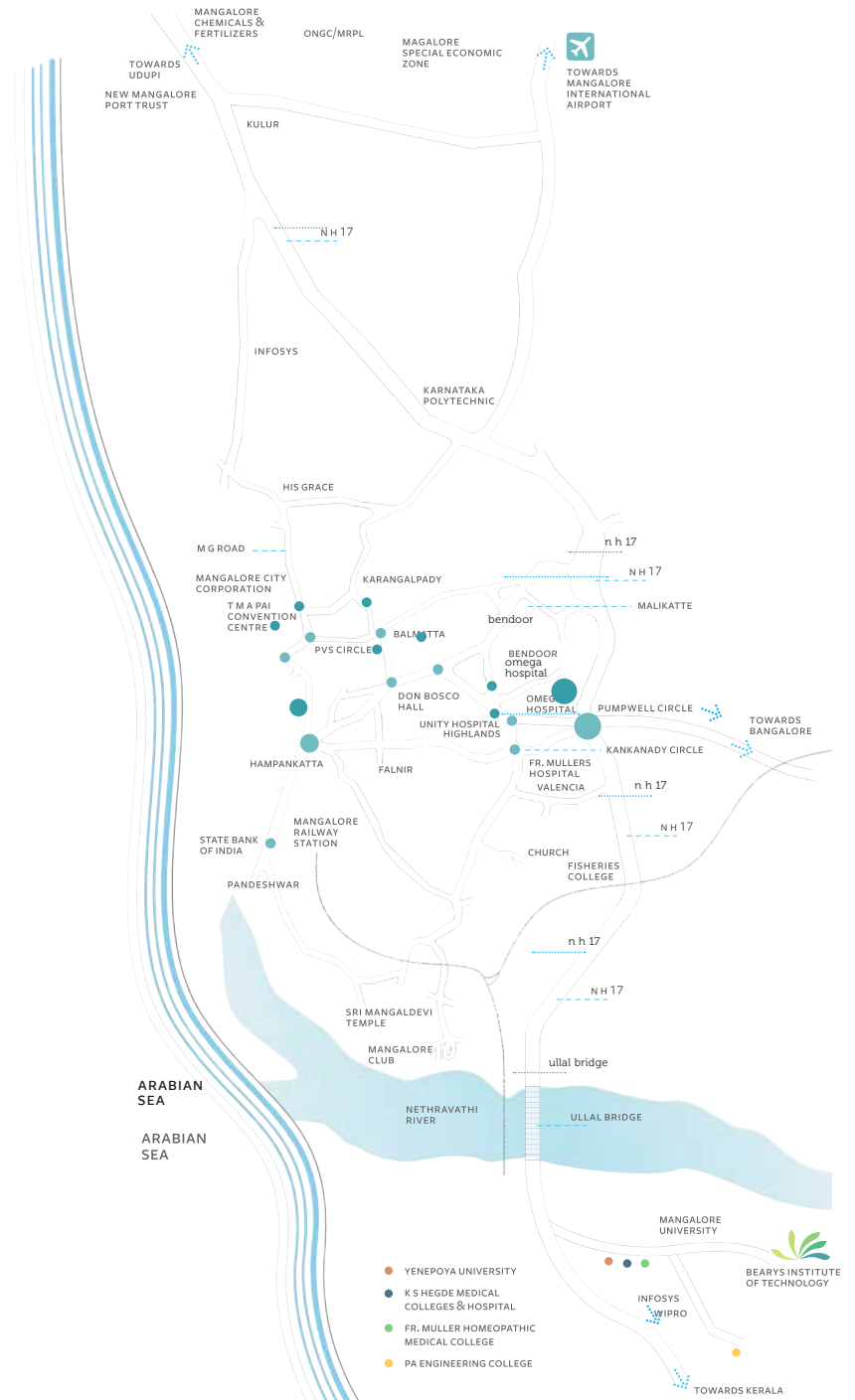
education hub with highly literate populace

Getting there

Mangalore city is accessible by all means of transport - road, rail, air and sea. BIT is just 20 kms from the heart of the city. Three National Highways pass through Mangalore.

Transport systems include private buses, KSRTC buses, trains, taxis and auto rickshaws. The city has two railway stations – Mangalore Central (located at Hampankatta) and Mangalore Junction (located at Kankanadi). Train services link Mangalore to almost all the major cities of the country like Mumbai, Hyderabad, Bangalore, Cochin, Eranakulam, Chennai etc.

Mangalore International Airport is about 20 kms north-east of the city centre, handling both domestic and international traffic. Flights from almost all major airports in India and several middle-east countries like Dubai, Muscat, Kuwait, Bahrain, Abu-Dhabi, Riyadh, Doha and Dammam operate daily to this airport.





BE INSPIRED AND TRUSTED

Our Campus

The primary intention of the BIT campus is to blend it with nature and create an integrated environment for learning, teaching and residing. It reflects the sustainable green vision of Bearys group and adheres to the norms and guidelines of Green Building Sustainable Development.

Upon entering the campus the visitor is welcomed by warm laterite facades, and landscaped gardens. Lush greenery surrounds all learning and residential spaces. Classrooms are wide, naturally well ventilated and technology-enabled. Student accommodations are spacious and private. The campus cafeteria caters to all tastes and serves nutritious and balanced meals. Convenience stores and other basic amenities are all available within the campus premises.

Nature + Nurture

All too often we ignore the important lessons that only nature can give us. We must recognise the interconnectedness of nature and nurture. Both must come together for a complete and meaningful education.

creating an *integrated environment*





"BIT is a very impressive addition to the list of Educational Institutions set up by the Bearys' from 1906 onwards. I am sure with your hard work and dedication, BIT will also flourish and occupy a top ranking position in due course of time, as all your other enterprises do".

*Mr. Mahendra Raj
Chairman, Mahendra Raj Consultants,
New Delhi
Founder President, Indian Association
of Structural Engineers*



WE INSPIRE EACH OTHER TO GIVE OUR BEST

Our Clubs

BIT constantly strives to encourage talent, inspire innovation & creativity and instil human values among its students. To achieve this, BIT has established 5 dynamic clubs. Students are encouraged to be a part of any of these clubs. Regular activities are conducted by these clubs that enable students to discover their latent talent.

BIT Champions

This club encourages students to excel in sports by giving them opportunities through various sporting events and competitions held in the college as well as at inter-collegiate levels.



BIT A+C

BIT Arts and Cultural forum helps students hone and develop their skills in various activities like dramatics, music, painting, dance, public speaking etc.





BIT Green

Eco consciousness is firmly integrated into BIT's programs. BIT Green Club introduces a unique tradition of Planting Saplings. Both staff and students will each plant a sapling and nurture it. Besides reflecting BIT's strong commitment to the environment, each sapling symbolizes the student whose potential BIT will nurture and bring to fruition.



BIT Pray

Pain Relief and You is a BIT initiative to encourage students and faculty to contribute to the welfare of the underprivileged through social and community service activities.

BIT Innovators

In creating technocrats and leaders of tomorrow, BIT Innovators Club encourages core research & development from both faculty and students.

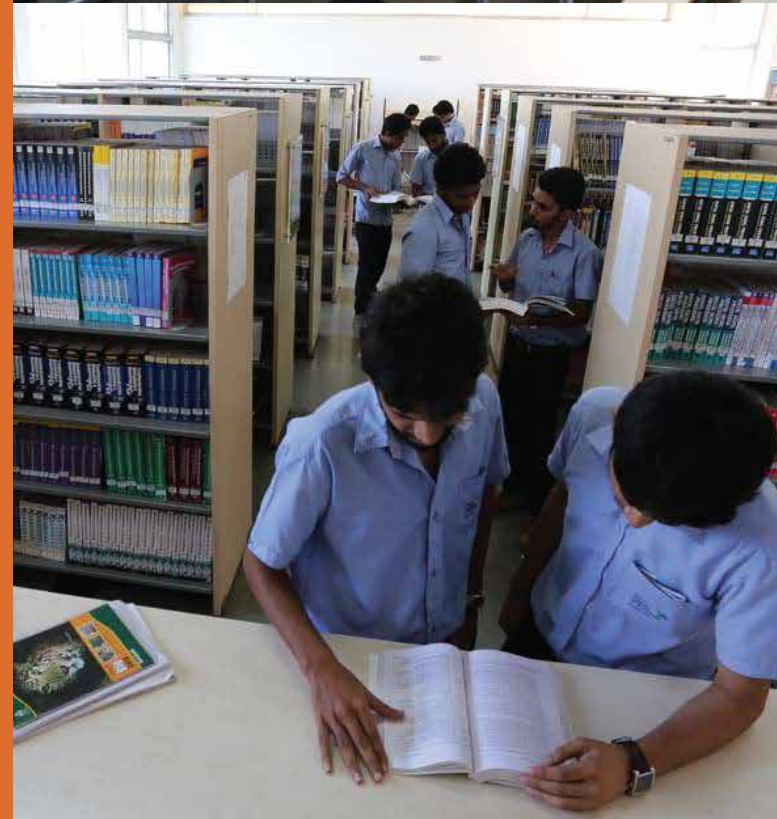


MEETING YOUR NEEDS

Facilities

The creation of support facilities is a major element of our core strategy. Facilities at BIT are carefully developed in response to student and faculty needs and comfort. A regular rain-check enables us to ensure that the campus is ready with amenities that are updated on regular basis thus making life easy for a smoother functioning.

- Independent hostel facilities for boys and girls – a boon for outstation students.
- Faculty Quarters
- Separate Residences for Foreign / NRI Students
- Fully equipped Computer Lab with WAN, LAN & Internet
- Wi-Fi enabled Campus
- Engineering Workshop
- Physics Lab
- Chemistry Lab
- Computer & CAED Lab
- Central Auditorium
- Seminar Halls
- Well Stocked Library with National & International Journals and access to e-journal networks.
- Career Guidance & Placement Cell
- Sports Ground with Badminton / Volleyball / Basketball/ Football
- Indoor Recreation (Table Tennis, Carrom, Chess, etc.)
- Cafeteria
- Convenience Store
- ATM
- Infirmary
- Central Mess facility for hostel students



encouraging talent
inspiring innovation



1



2



3



4



5



6



7



8

- 1. Cafeteria
- 2. Supersonic Lab
- 3. Seminar Hall
- 4. Library
- 5. Sports Ground
- 6. Girls Hostel
- 7. Boys Hostel
- 8. Multigym



NUTURING + GUIDING

Our Esteemed Faculty





My Dear Students,

Congratulations on your graduation! Indeed we are proud of you!

I am extremely happy and I wish you all the very best for your career ahead. Before you leave, I would like to share few of my thoughts.

Graduating from college is not the end. In fact it is the beginning! May your graduation from BIT mark the beginning of your bright future.

Engineers are the architects of the modern world and are liable for showcasing nation's growth through their innovations. In the present era of rapid changes in technology, engineers need to identify new challenges and address them promptly. Remember "If all you have is a hammer, everything looks like a nail". So it is vital for an engineer to update him/herself with changes from time to time. In order to achieve true success in your career, you need to be driven by great imagination, innovative ideas and creative thinking. It is also very essential to work with great commitment, dedication, enthusiasm, passion and perseverance.

We have nurtured and prepared you for challenges in today's globalised technology. Now, the time has come to spread your wings and set forth on your journey ahead independently and bravely. To serve our nation better, tune yourself to become an entrepreneur. Always believe in yourself and never back away from taking brave and challenging decisions. Follow your dreams, chase your passion and you will surely reach your destiny! All things are possible when you believe in God and in yourself.

Step into the future with a prayer in your heart and you'll soon reap the fruits of your efforts and hard work.

May God's grace be upon you as you forge ahead towards your dreams!

Dr. Palakshappa K
Principal



Our focus of Research at BIT is to encourage innovation and prepare our students for higher learning and application of knowledge. This would also serve to guide them in pursuing M. Tech. and Ph.D. schooling. Our objective is not only the acquisition of a more advanced degree of engineering knowledge and research ability but also to acquire leadership ability.

One of the academic goals of BIT is the cultivation of knowledgeable individuals equipped with a systematic knowledge of science and technology. We are satisfied that we at BIT are able to develop an engineering mindset in our students and conduct continuous research in relation to engineering and its application which is useful for the masses.

In the last few years focus of our research has been in the following areas: Gas Dynamics, Soft Computing in Fluid Flow, Sudden Expansion, Control of Jets, Structural Dynamics, Renewable Energy, High Performance Computing and Embedded System, Data Mining, Cloud Computing, Image Processing and Pattern Recognition, Artificial Intelligence, Remote Sensing and GIS, Wireless Communication, Green Building Design, Ground Water Management, Design of Hydraulic Structures and Environmental Engineering.

A deeper purpose is to contribute to the sustainability and development of society through pioneering new frontiers in research and actively participating in research that may lead to new technological innovations and addressing problems that cannot be resolved within the traditional framework of engineering.

In order to respond to this age of borderless fields of study, more flexible forms of research structure are becoming necessary. At BIT we strive to expand our base and help our children gain a global perspective.

Dr. S A Khan
Dean - Research



Dear Students!

Heartiest congratulations on graduating from Bearys Institute of Technology (BIT)!

This day will mark a memorable day in your lives as you transit from being students to responsible citizens and efficient professionals. There were times when the society and the nation would look to every batch of graduating student with hope. Today, graduating students are merely just another number and another event.

The single most important factor responsible for this is the inability of the system to keep up with the requirements of the society and the nation. Gone are the days when mere knowledge in a select domain was sufficient to make a living. Today, a graduate is expected to be multi-faceted if he or she has any hope of making a difference. Skill development and the ability to apply the knowledge gained are crucial and is the only hope to give credence to what you have learnt in your classes. The operating mantra is 'smart work' rather than mere 'hard work'.

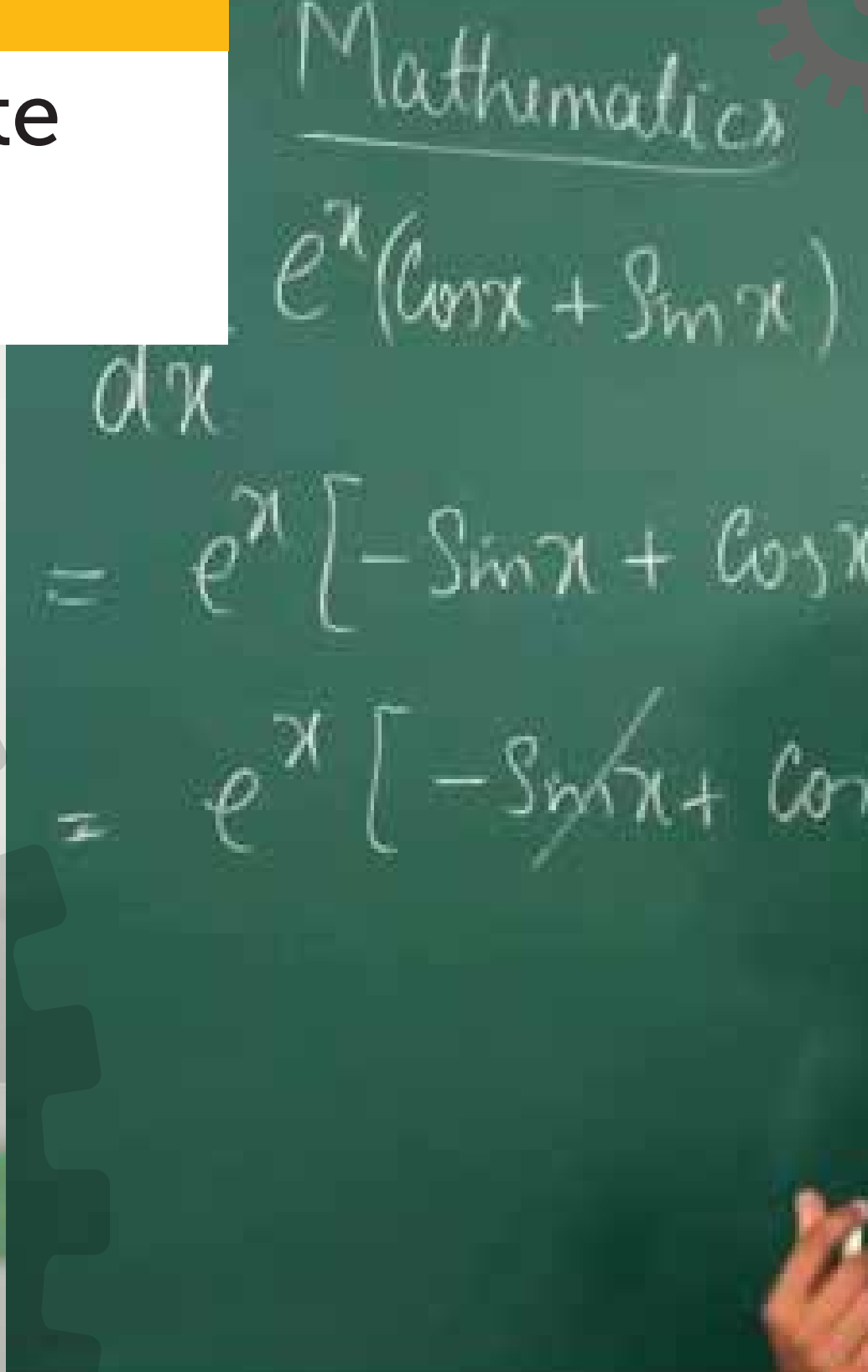
I wish you all the best in your future endeavours. May you learn, grow and prosper in your pursuit of knowledge and the ability to put it to correct use. In this journey, may you be professionals in the true sense and responsible citizens the society can look up to. May God shower His blessings on you!

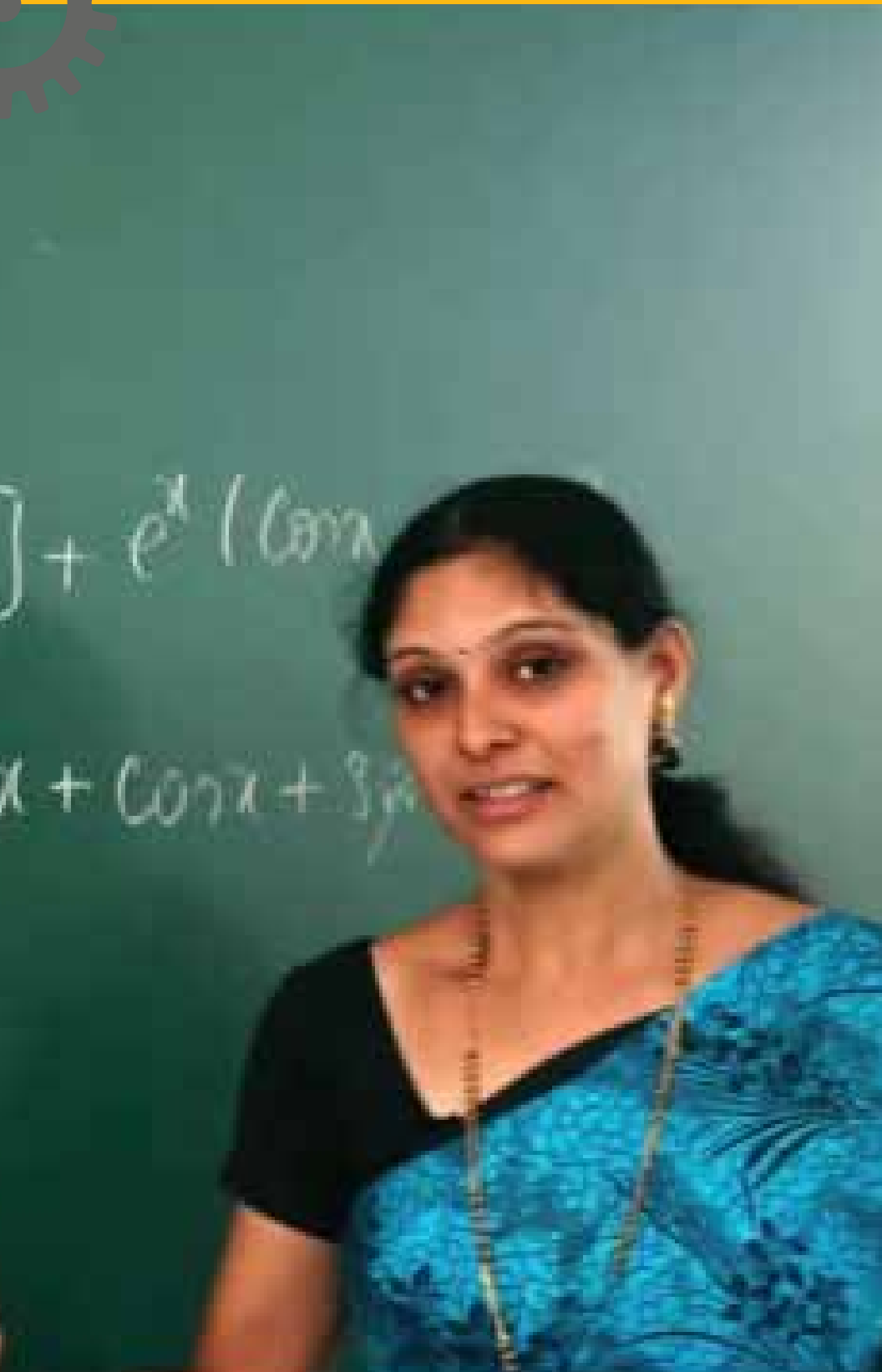
Dr. M Sainath
Director-Campus
Head, Outreach Programs, Strategy and Planning



MAKING IT POSSIBLE

Undergraduate Engineering Courses





BIT aims to be a premier Engineering & Technology Institution with a wide cross section of industry relevant undergraduate engineering courses. Since we are in the growth stage, we currently offer four highly coveted undergraduate engineering courses:

- Mechanical Engineering
- Civil Engineering
- Electronics & Communication Engineering
- Computer Science Engineering



Undergraduate Program

Mechanical Engineering

DURATION 8 semesters (4 years)

Mechanical Engineering is the creative application of scientific knowledge & expertise in the design, construction & operation of products & processes. Mechanical engineers combine imagination with modern technology to offer simple, innovative solutions to meet the complex requirements of society and industry.

While our undergraduate course in Mechanical engineering is comprehensive, BIT encourages students to research, to be creative and find simple solutions to mechanical problems.





COURSE CONTENT

Automotive Engineering
 Management Information System
 Material Science & Metallurgy
 Metrology & Measurements
 Thermodynamics
 Manufacturing Processes
 Machine Design
 Foundry & Forging
 Computer Aided Designing
 Kinematics of Machines
 Fluid Mechanics
 Fluid Machinery
 Dynamics of Machinery
 Design of Machine Elements
 Control
 CAD/CAM
 Machine Shop
 Operations Research
 Engineering Economy
 Mechatronics
 Mechanical Vibrations

ELECTIVES

Organisational Behaviour
 Theory of Elasticity
 Internal Combustion Engines
 TQM
 Operations Management
 Hydraulics & Pneumatics
 Heat & Mass Transfer
 Foundry Technology
 Finite Element Methods
 Project Management
 Computer Graphics
 Data Base Management Systems
 CNC Machines
 Gas Dynamics
 Computational Fluid Mechanics & Heat Transfer
 Machine Tool Design
 Fracture Mechanics
 Maintenance Engineering
 Experimental Stress Analysis
 Computer Integrated Manufacturing
 Non-Conventional Energy Sources
 Nano Technology
 Power Plant Engineering
 Product Design & Manufacture
 Tool Engineering & Design
 Composite Materials
 Tribology
 Engineering System Design
 Design of Heat Exchangers
 Financial Accounting & Management
 Industrial Robotics
 Theory of Plasticity
 Agile Manufacturing
 Jet & Rocket Propulsion
 Non-Destructive Testing
 Artificial Intelligence and Expert Systems
 Cryogenics
 Bio Mass Energy Systems
 Design of Experiments
 Industrial Engineering & Economics

A research center for Mechanical Engineering, approved by the Visweswaraya Technological University (VTU) has been instituted for pursuing active research in two thrust areas of Solar Energy and Aerodynamics. It makes way for post graduate as well as doctoral programs in Mechanical Engineering and would enable the faculty and students to access and work with latest technology, ideas and equipment.

Undergraduate Program

Civil Engineering

DURATION 8 semesters (4 years)

Considered one of the oldest engineering disciplines, Civil Engineering involves planning, designing and executing structural works. The course includes a wide variety of engineering tasks including designing, supervision and construction activities of public works like roads, bridges, tunnels, buildings, airports, dams, water works, sewage systems, ports, etc. Thus opening a multitude of challenging career opportunities.

BIT offers a B.E in Civil Engineering. Original research in Civil Engineering is encouraged and facilitated by research faculty.





COURSE CONTENT

Engineering Mathematics
Strength of Materials
Fluid Mechanics
Applied Engineering Geology
Surveying Practice
Structural Analysis
Hydraulics & Hydraulic Machines
Concrete Technology
Design of Structures – RCC
Geotechnical Engineering
Hydrology & Water Resource Engineering
Transportation Engineering
Environmental Engineering
Design & Drawing of RC Structures
Irrigation Engineering & Hydraulic Structures
Matrix Method of Structural Analysis
Rural Water Supply & Sanitation
Design of Masonry Structures
Ground Improvement Techniques
Ground Water Hydrology
Air Pollution & Control
Traffic Engineering
Constitution of India & Professional Ethics
Design of Pre stressed Concrete Structures
Design of Steel Structures
Design & Drawing of Bridges
Theory of Elasticity
Advanced design of RC Structures
Numerical Methods in Civil Engineering
Open Channel Hydraulics
Pavement Materials and Construction
Highway Geometric Design
Ecology & Environment
Solid Waste Management
Rock Mechanics
Earth & Earth Retaining Structures
Photo Grammetry & Remote Sensing
Alternative Building Materials & Technology
Engineering Management
Design & Drawing of Steel Structures
Project Work
Seminar on Project Work
Finite Element Analysis
Structural Dynamics
Advanced pre-stressed Concrete Structures
Advanced Design of Steel Structures

Pavement Designing
Urban Transport Planning
Industrial Waste Water Treatment
Environmental Impact Assessment
Advanced Foundation Design
Reinforced Earth Structures
Geographic Information Systems
Quality Management System in Civil Engineering
Harbour, Bridge & Tunnel Engineering
Materials of Construction

ELECTIVES

Matrix Method of Structural Analysis
Alternative Building Materials and Technologies
Ground Improvement Techniques
Advanced Surveying
Ground Water Hydrology
Rural Water Supply and Sanitation
Traffic Engineering
Theory of Elasticity
Advanced Design of RC Structures
Structural Dynamics
Earth and Earth Retaining Structures
Highway Geometric Design
Open Channel Hydraulics
Solid Waste Management
Numerical methods in Civil Engineering
Rock Mechanics
Pavement Materials and Construction
Photogrammetry and Remote Sensing
Air Pollution and Control
Design and Drawing of Bridges.
Design of Masonry Structures
Advanced Pre-stressed Concrete Structures
Advanced Foundation Design
Pavement Design
Earthquake Resistant Design of Structures
Industrial Waste Water Treatment
Quality Management System in Civil Engineering.
Finite Element Analysis
Reinforced Earth Structures
Urban Transport Planning
Geographic Information System
Advanced Design of Steel Structures
Design of Hydraulic Structures
Environmental Impact Assessment

Undergraduate Program Electronics & Communications Engineering

DURATION 8 semesters (4 years)

Electronic & Communication engineering is an engineering discipline where non-linear and active electrical components such as electron tubes, and semiconductor devices, especially transistors, diodes and integrated circuits, are utilized to design electronic circuits, devices and systems. The term denotes a broad engineering field that covers important subfields such as analog electronics, digital electronics, consumer electronics, embedded systems, power electronics and VLSI. It also gives a balanced coverage of the theory and practice of modern communication engineering in RF, Microwave, optical frequency ranges for various applications in defense, aeronautics and research fields.

BIT aims to groom students in Electronics through innovative course content, research and industry interaction in areas of hardware engineering, Electronic Circuit design, intelligent systems and electronic commerce. Our undergraduate program is designed to give students the ability to identify problems and solve them by creatively using their knowledge gained at BIT. BIT Electronics and communication department has full fledged Laboratories equipped with high-end computers. The Department encourages Innovative projects and guides the students.





COURSE CONTENT

Electronic circuits
 Logic Design
 Network Analysis
 Electrical & Electronics Measurement
 Signals & Systems
 Power Electronics
 Control Systems
 Field Theory
 Microprocessors
 Computer Organization
 Analog Communication
 Digital Signal Processing
 Transmission Lines & Wave Guides
 Advanced Microprocessors
 Telecom & Switching's
 Solid State Devices & Technology
 Digital Communication
 Microwave communication
 Information Theory & Coding
 Digital System Design using VHDL
 Antenna & Propagation
 Constitution of India & Professional Ethics
 Micro Controller & Applications
 Computer Communication Networks
 VLSI Circuits
 Operation Research & Management
 Optical Fiber Communication
 Industrial Waste Water Treatment
 Environmental Impact Assessment
 Advanced Foundation Design
 Reinforced Earth Structures
 Geographic Information Systems
 Quality Management System in Civil Engineering
 Harbour, Bridge & Tunnel Engineering
 Materials of Construction

ELECTIVES

Programming in C++
 DSP Architecture
 Applied Numerical Methods
 Media Engineering
 Advanced Power Electronics
 Operating Systems
 Adaptive Signal Processing
 Digital Controls
 Wireless Communication
 Wavelet Transforms
 Fuzzy Logic
 Data Structures using C++
 Image Processing
 Cryptography
 Artificial Neural Networks
 CAD for VLSI
 Radar Systems
 Distributed Systems
 Network Security
 Robotics
 Pattern Recognition
 Embedded System Design
 High Performance Communication Networks
 Advanced CMOS VLSI Design
 Multi Media Communication
 Speech Processing
 Artificial Intelligence
 Satellite Communication
 Real Time Systems
 Optical Computing
 Advanced Signal Reception Technique
 ATM Network
 Video Engineering

Undergraduate Program

Computer Science Engineering

DURATION 8 semesters (4 years)

BIT aims to groom students in Computer Science through innovative course content, research and industry interaction in areas of software engineering, human-computer interaction, intelligent systems and electronic commerce. Our undergraduate program is designed to give students the ability to identify problems and solve them by creatively using their knowledge gained at BIT.





COURSE CONTENT

Engineering Mathematics-III
 Electronics Circuits
 Logic Design
 Discrete Mathematical Structures
 Data Structures with C/C++
 OOP with C++
 Engineering Mathematics-IV
 Graph Theory & Combinatorics
 Analysis & Design of Algorithms
 Finite Automata & Formal Languages
 Introduction to Microprocessors
 Computer Organization
 System Software
 Operating Systems
 Database Management Systems
 Data Communications
 Unix & Shell Programming
 Advanced Microprocessors
 Unix Systems Programming
 Software Engineering
 Computer Graphics
 Computer Networks-I
 System Stimulation & Modeling
 Engineering & Technology Management
 Object Oriented Analysis & Design
 Java & CGI Programming
 Computer Networks-II
 Advanced Computer Architecture
 Constitution of India &
 Professional Ethics

ELECTIVES

Principles of Programming Languages
 Decision Support Systems
 Signals & Systems
 Compiler Design
 Probability, Statistics & Queuing
 Advanced DBMS
 Digital Signal Processing
 Distributed Operating Systems
 Multimedia Computing
 Pattern Recognition
 C+ Programming & .Net Concepts
 Digital Image Processing
 Fuzzy Logic
 Client Server Computing
 VLSI Design
 Mobile Communications
 Neutral Networks
 Embedded Systems
 Network Management
 Advanced Software Engineering
 Distributed Objects
 Real Time Systems
 Cryptography & Network Security
 Linux Internals
 Data Mining & Warehousing
 Multicast Communications

Post Graduate and
Research Programs

M.Tech Program in Mechanical Engineering

DURATION 4 semesters (2 years)

The Mechanical Engineering branch at Bearys Institute of Technology will be commencing the Masters program from the academic year 2014-2015. The following programs leading to master of technology (M.Tech) will be offered

M.Tech in Energy System Engineering

The major thrust in this course will be in the direction of non-conventional energy systems like solar energy, wind energy, bio-diesel etc. Students pursuing this course will be exposed to techniques for designing clean and energy efficient mechanical systems.





M.Tech in Computer Science Engineering

DURATION 4 semesters (2 years)

The Computer Sciences Engineering branch is offering a Masters program from the academic year 2014-2015. The course will focus on the frontier areas of computer science engineering that include topics like Network security, Performance analysis, Computer Architecture, Software Systems, Advanced algorithm design, Parallel and Distributed Computing and Networking with Web Technologies. Emphasis will be given in the course to make the students industry-ready by providing them with exciting opportunities for internship and project work.

Doctoral (PhD) program in Physics

BIT has a Research Centre in Physics from the academic year 2014-2015. The centre will carry out sponsored and/or collaborative research projects and will also offer PhD programs.

Doctoral (PhD) program in Mechanical Engineering

Parallel to our academic courses, BIT strongly encourages dynamic research that focuses on generating intellectual capital. We have appointed a Dean of Research to wholly concentrate on seminal academic and applied research in different aspects of engineering and related subject areas. Our research centre has an extensive network with industry. Interactive projects providing a theoretical, empirical and practical foundation for informed study.





ON TOP OF THE WORLD

Graduation Day Ceremony

The first graduation ceremony of BIT was celebrated on 24th May 2013. It was memorable in more ways than one when the first batch of BIT students stepped out of the portals of their alma mater and transited from being mere learners to now becoming the doers.

The object of education is to prepare the young to educate themselves throughout their lives.

Robert M. Hutchins





BIT Utsav



BIT Utsav is a celebration of the students, staff and faculty of the college's annual day. In this celebration, the college acknowledges the achievements of its meritorious students and faculty. The carnival-like atmosphere forms the ideal platform for students to present their skills and talents in various forms.



AIMING HIGH

BIT Achievements

It is a fitting testimony to the founding principles of BI that the college could achieve outstanding results and be a recipient of several awards and accolades. BIT is today recognized by both industry and academia for delivering excellence, consistently.

BIT has made great strides in achieving the following:

- MOU with North Dakota State University, USA.
- Regional Center for Global Project ENSDF coordinated by IAEA, Vienna and NNDC, USA.
- Supersonic Aerodynamic Research Laboratory the only one of its kind (other than IISc) in Karnataka.
- MOU with NASSCOM, India.
- Regional Center for Indian Air Forces' FST program.
- Institution of Electronics & Telecom Engineers (IETE) - Student Chapter.
- Indian Green Building Council (IGBC) - Student Chapter.

Campus to Corporate (C2C) with:

- IBM
- Infosys

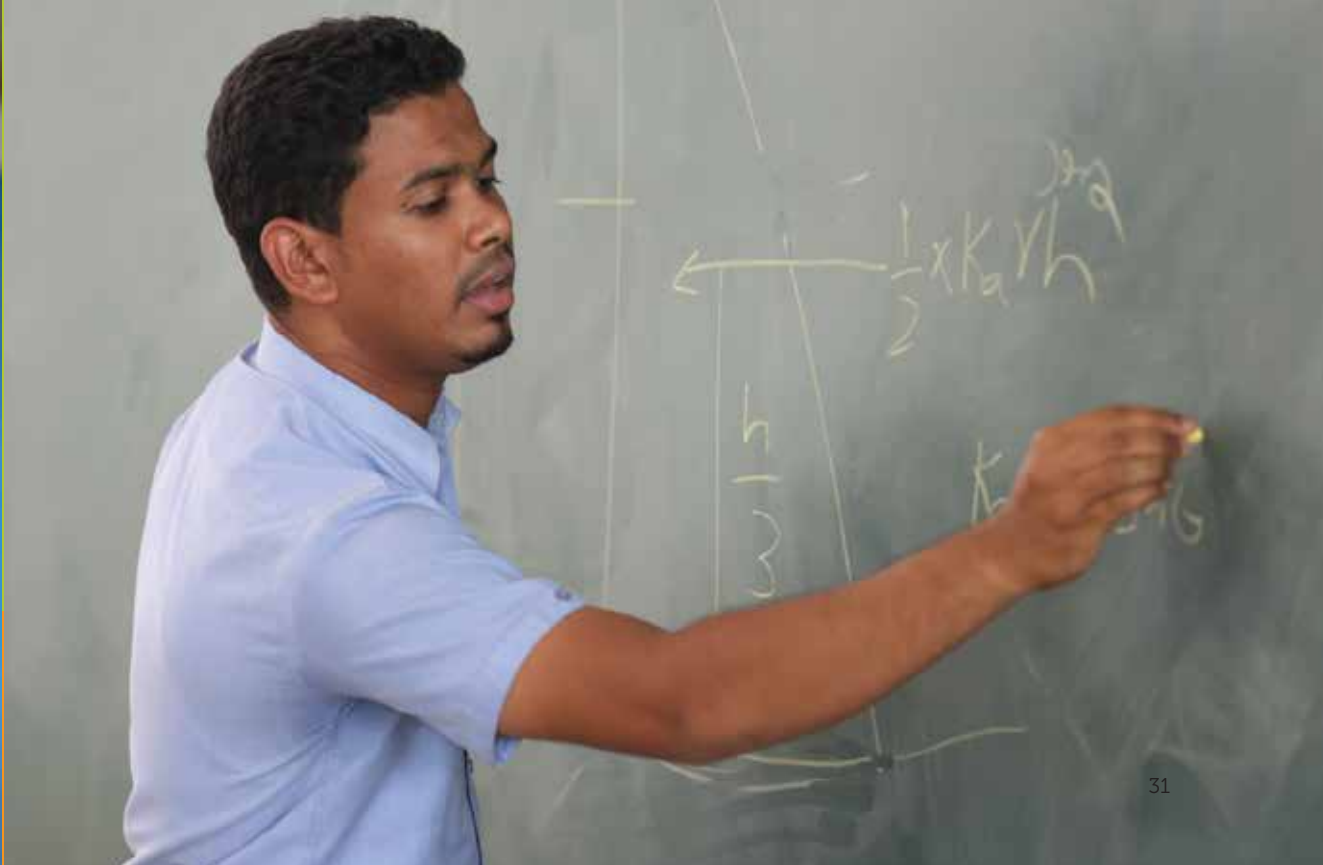
Industry Internships with:

Canadian Standards Association (CSA).

- Boston Scientific.
- CADD Center.
- Airtel.
- Schneider Electric

And more





Admissions & Scholarships



BIT invites students from across India and abroad to share in the experience of a complete education. Regardless of religion, race, ethnicity, gender or colour, we accept all those who come to learn, share their views, develop new ideas and imbibe knowledge to make our world a better place to live.

BIT does not accept any capitation fee or demand donations. Admissions are strictly based on merit of the student and his/her ability to demonstrate academic excellence, a well rounded personality, extra-curricular interests, a commitment to social causes and environmental consciousness.



Interview policy

All applicants are required to attend an interview before we offer them a seat. The interview allows us to assess the applicant's capabilities while they can determine if this is the right place for them to study. The interview itself is only one part of this meeting after which prospective students and parents can meet the staff, go around the campus, examine our facilities and gather all the information required to make an informed choice.

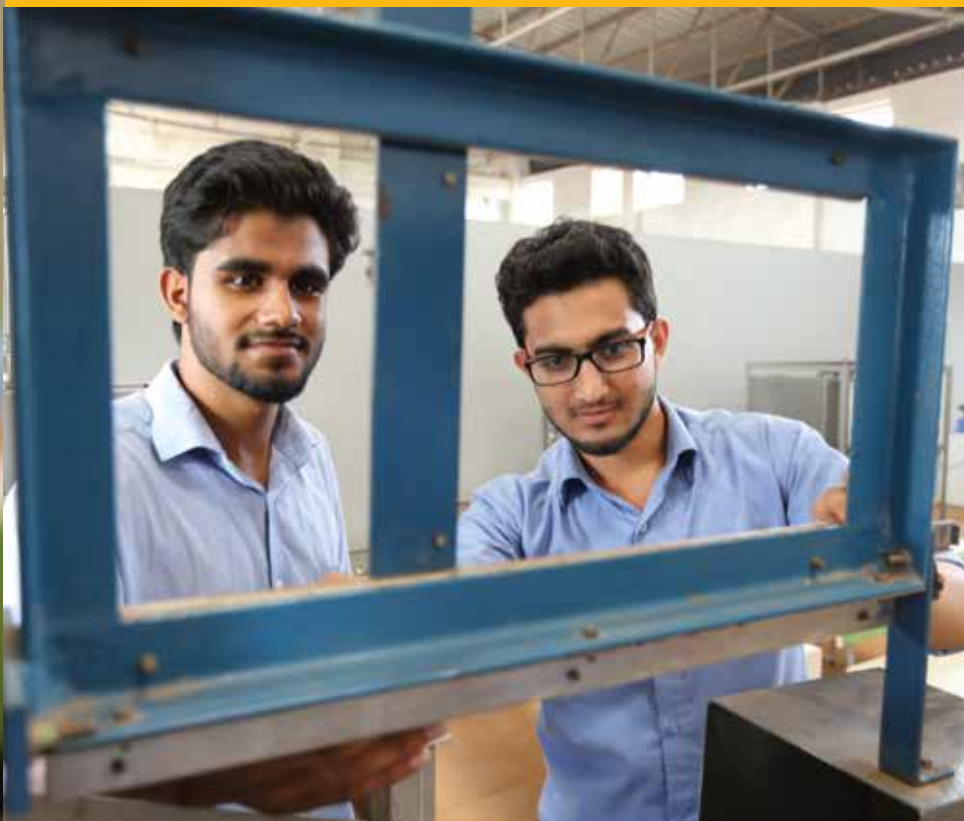


Eligibility

10+2 or its equivalent with a minimum average of 45% marks in Physics & Mathematics along with one of the following subjects – Chemistry/ Biotechnology/ Computer Science/ Biology. For applicants belonging to SC/ST/OBC of Karnataka State the minimum average is 40% Note: Eligibility will be as per University Norms.

Scholarships

BIT offers upto 100% concession in fees to deserving students. These include students who are economically deprived and those who excel in sports, NCC, NSS and other extracurricular activities. Meritorious students will also be eligible for suitable scholarships. Those with CET rankings less than 1000 will be provided with 100% exemption from fees while those with rankings less than 5000 will be eligible for concessions upto 50% in fees. BIT also conducts its own talent hunt tests wherein students meeting the specified qualification are offered handsome concessions in fee.



One of the key strengths of BIT engineering college is its pioneering thought leaders who are shaping it to be a world class institution and producing real talent—a key differentiator for today's needs. I have known Bearys Group since 2000, and everything that seems ordinary becomes extraordinary with their dedication, wisdom, hardwork and unparalleled eye for detail. Given the dedicated people behind BIT, I recommend students who are committed to pursue their education to be a part of this institution.

*Altaf Mulla
Director, Product Marketing
Motorola*



EXPERIENCING THE REAL WORLD

Training & Placement Services

Infosys, HP, IBM, Cognizant,

Our outgoing students are employed with companies like Infosys, HP, IBM, Cognizant, Wipro, TCS, Mphasis, ING Vysya Bank, HAL, CGI, Accenture, L&T, Shapoorjipallonji, to name a few.

Training activities for students which are handled by professionals typically run to a structured 80-90 hour program.



An Incredible Achievement for BIT - Over 85% of our Students are successfully Placed in MNCs, Corporates, National and International Companies

Communication skills, mock interviews, group discussions, aptitude tests, logical analysis and reasoning are some of the activities which are mandatory part of curriculum for the students.

Training and Placement Cell at BIT

Bearys Institute has a dedicated Training and Placement cell with a full time qualified training and placement officer who handles these programs. The cell has now streamlined its operations and is also active in inviting industry partners to conduct campus interviews. The T&P cell helps students who register for its services to attend campus interviews at other places as well. It also facilitates students to attend field selection tests and exams for service into the defense forces of India as well as the Merchant Navy.

Alumni placement record at BIT

By and large our students have performed well in campus interviews and have secured placements in reputed companies. While some of them have joined their family businesses, others have gone abroad to join firms there. A number of students have also gone on to do further studies while a portion have decided to study for the Civil Services. This is an achievement worth taking note of since it has been consistently achieved from the very first batch of students. Year after year Bearys Institute of Technology is bringing in an increased number of companies to facilitate campus interviews and thus give a wider range of exposure to its students in terms of placements.

Our Alumni Secure International Placement

Our pursuit for excellence and efforts in shaping students and training them for placements have borne fruit and are well rewarded.

Many of our students have been well placed in renowned international companies in GCC countries, Far East and U.S.A.

Training programs at BIT

We at Bearys Institute of Technology believe in giving a holistic development program to our students so that they are able to meet the requirements of industry and society without feeling any lacunae in the transition from the student life to that of a working professional. College education ensures imparting of technical knowledge to students. However, industry and social requirements need to be considered into the curriculum as well so that students will develop the necessary skills to match the demands of industrial engineering, research and development.

At BIT we encourage our students to think out of the box and choose to excel in diverse fields based on their passion and aptitude. While 50% of our students will seek employment, BIT's long term vision is to inspire and impel the remaining 50% to be more enterprising i.e. 20% as entrepreneurs, 10% to take up higher studies, 10% to join Civil Services, 10% to enlist for defense services so that they make a mark of excellence in all walks of life.

Outreach Programs

Research and Development (R&D) in India has always been a matter of serious concern. With poor funding support from Government (in comparison to countries like the USA, Japan and China) as well as a dismal number of researchers, India's foothold in the realm of R&D is quite slippery.

We at BIT are striving to provide the right opportunities to our students and faculty by entering into agreements with academic institutions and the industry to provide support in our endeavours and set up several Outreach programs for mutual benefit.

In our pursuit to excel in our Outreach programs, we have chalked up an enviable record in the academic year 2013-2014. With systematic plans afoot, further success in the coming years is sure to follow.

In recent months, BIT has concluded agreements that are groundbreaking and aimed at enhancing the content and quality of its academic programs giving access to students and faculty to the best counterparts for both academic and professional training and development. These may be truly regarded as milestones in the onward march of BIT to be a world class institution.



MOU with North Dakota State University (NDSU)

BIT has signed a memorandum of understanding (MOU) with the North Dakota State University (NDSU), USA, on October 25, 2013. The signing of this MOU throws open new avenues for joint development and conduct of a range of academic and research programs for the faculty and students of BIT and the NDSU which in the long run will greatly benefit both. The joint programs include collaborative research and education, exchange of students and faculty, cultural exchange, joint seminars and workshops, sharing of knowledge, sharing of new technologies and new methods of management through extension and other programs and funding opportunities for joint activity, among others. The signing of the MOU comes at a time when BIT is on the threshold of embarking on new and diverse academic and research programs which would help impart new dimensions to education with improved practices, innovative approach and an international outlook.

Mechanical Engineering Research Centre

A research center for Mechanical Engineering, approved by the Visveswaraya Technological University (VTU), was inaugurated by Mr. L.K. Atheeq, IAS, Sr. Adviser to the Executive Director, World Bank, Washington DC on 24th of August 2013.





The research centre at the BIT campus would initially be pursuing active research in two thrust areas of Solar Energy and Aerodynamics. The inauguration of the research center also enables BIT to offer post graduate as well as doctoral programs in Mechanical Engineering. Another academically notable feature of the research center is that it would enable the faculty and students to access and work with cutting edge technology, ideas and equipment.

International Nuclear Structure and Decay Data Network (NSDD)

BIT is all set to be part of an International Group which will be involved with evaluating nuclear data and interpreting the Physics behind nuclei structures. These programs are coordinated by International NSDD Network, International Atomic Energy Agency (IAEA), and National Nuclear Data Centre (NNDC), USA. The Bhabha Atomic Energy Research Centre (BARC) coordinates this program in India. BIT will be one of the centers where the evaluations will be carried out in collaboration with the others for programs like EXFOR and ENSDF. These programs may also be eligible for funding by Nuclear Data Physics Centre India (NDPCI) and will put BIT in academic collaboration with leading research centers in India and abroad in the field of Nuclear Physics.

Institute of Electronics and Telecommunication Engineers Student Forum (ISF)

IETE is India's largest professional organization of Electronics and Telecommunication Engineers. It is a matter of considerable importance that BIT becomes one of the first academic institutions in Mangalore region to open a Students Forum of IETE (called ISF) within its campus. This will enable the students to access IETE's enormous resources in the form of personnel including researchers and scientists, advanced laboratories, publications, events, developments and academic programs. Industrial visits, internships, placements and project work related activity now becomes possible in premier laboratories and academic institutions for students of BIT.

BIT-Linux Group set up

BIT's Computer Science students initiated steps to start a BIT-Linux User Group (BIT-LUG) to better understand and promote the use of open source technologies with active encouragement of the faculty and the college administration. This is a welcome initiative by the students of BIT in the direction of making software technology freely available to users.





Delivering Excellence
Consistently

Bearys Group

'*Delivering excellence consistently*' sums up the spirit of the Bearys Group. Right from the start, we identified 'Triple E' - Entrepreneurship, Environment and Education as three key focus areas to which we commit a relentless pursuit of quality and utmost customer satisfaction. We support all our initiatives in these areas with specialist engineering and management teams who bring to our projects experience, expertise and varied skills. Moreover, we are fortunate to have an eminent global network of technocrats, educators, engineers, architects, consultants and service providers who endorse our work and add significant value to each one of our endeavors.

Triple E

Entrepreneurship

From humble beginnings as real estate agents in 1981, today we offer a wide spectrum of services across the real estate sector; from design, development, construction, management, coordination, to marketing and advisory services.

We meet the real estate and property development needs of corporate, government agencies, MNCs and innumerable individuals in India and abroad. Today we have created a niche in property development with several award winning projects that are architecturally innovative, functionally sound, environmentally conscious and offer highest value for investment. We continually strive to chart new territory and set new benchmarks in the industry.



His Grace, Mangalore
Bearys First - Mangalore's Best



Badriya Masjid, Kodi, Kundapur
First Green Mosque



Bearys Global Research Triangle, Bangalore

*India's First Platinum LEED Certified
Research Park*

*Best Commercial Green Building,
Credai 2013*

*Best Office Development
CNBC Award. 2009*

*Outstanding Concrete Structure
Award, Indian Concrete Institute. 2009*



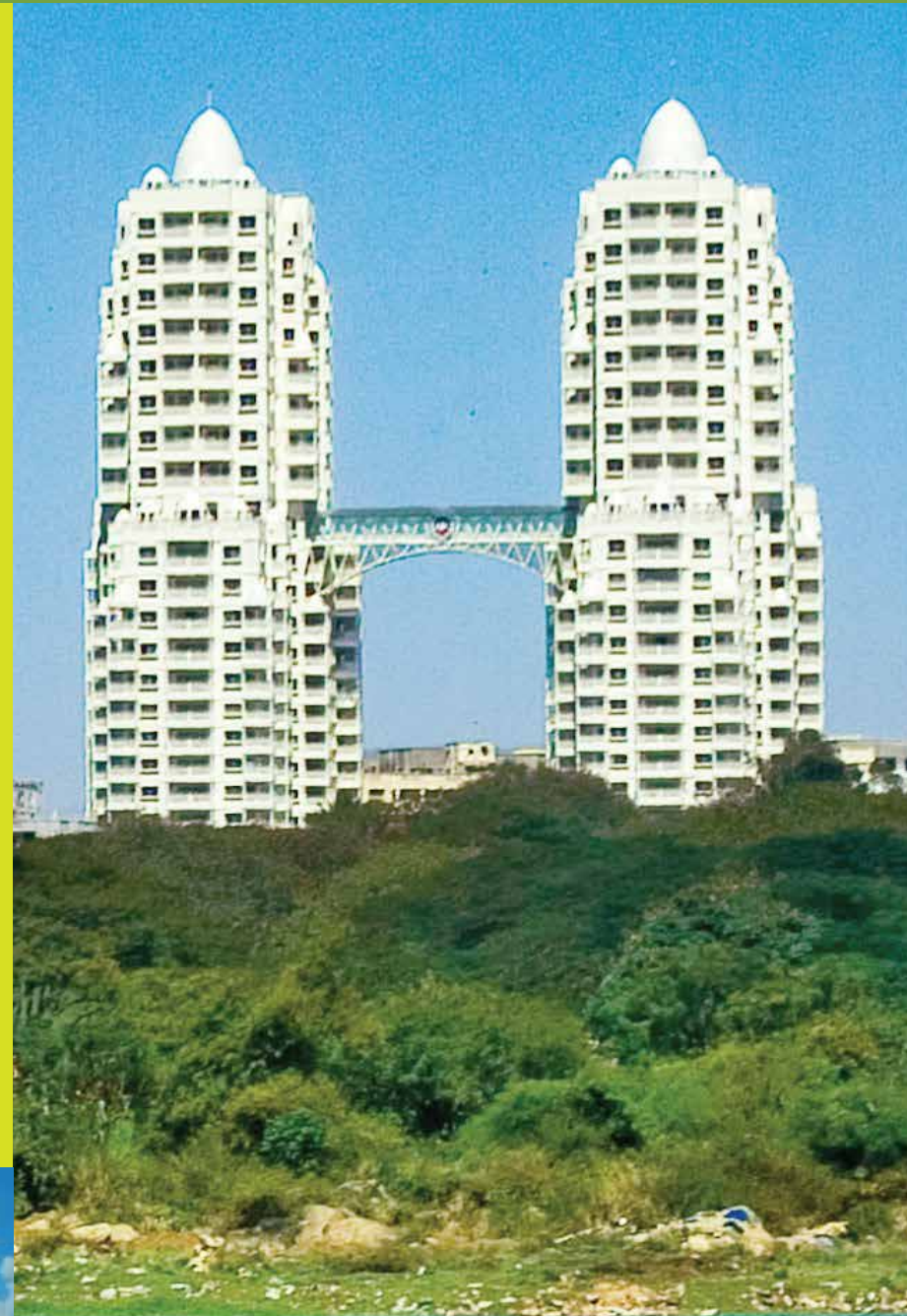
**Bearys Acacia Lake View,
Bangalore**
Boutique Development in CBD

Environment

As a founding member of the Indian Green Building Council (IGBC), all our projects are synonymous with 'Sustainable Green Architecture'. We believe in creating spaces that respect nature and contribute positively to the neighborhood. Not resting on the laurels awarded to us for our efforts in this sphere, we endeavor to be truly 'Green' in all our initiatives.

Education

Taking forward the legacy of our late father who was a dedicated teacher, we have been establishing several educational institutions from the primary to collegiate level since 1906. Set up under the aegis of charitable trusts, these institutions impart quality education especially to rural communities and the economically backward. Montessories have become an integral part of all our projects. We also spearhead a number of socially relevant projects as part of our Corporate Social Responsibility (CSR) including "Clean City - Green City" a path breaking initiative along with IGBC.



His Grace -Bearys Corporate Office, Bangalore
Platinum LEED Pre Certified



Bearys Harmony Homes, Bangalore

Indian Institute of Architecture Award. 2005
a+d Spectrum Habitat Award. 2005
Hindware Architecture of the Year Award. 2005
J K Cement Architecture of the Year Award. 2004

Bearys Lakeside Habitat, Bangalore

World's Best Property Projects, FIABCI Prix d'Excellence Award. 2010
Best Architecture Award, Government of Karnataka. 2009
Best Residential Development, Cityscape. 2008
Outstanding Concrete Structure Award, Indian Concrete Institute. 2007



Bearys Group

The Future

Bearys Knowledge Campus

BIT is the flagbearer institute of the Bearys Education initiatives. Besides demonstrating the Group's commitment to quality education, it introduces a new and visionary concept of learning where nature and nurture effectively come together to offer a complete education.

Embrace Change

Among the many lessons we learn from nature every day, two have been significant – 'embrace change' and 'continuously grow'. BIT firmly adheres to these principles of nature. We are focused on the changing needs of students, industry and academia. We believe this focus must always translate into the curriculum, course material, assessments, appraisals and upgradation of campus facilities.

In order to continuously grow, we are determined to expand our community of learners, from students to faculty to staff. Academically too, we aim to augment courses with Electrical, Chemical, Marine, Aeronautical, Biotechnology, Environmental and Industrial Management Engineering added to our list of offerings.

On a larger scale, the BIT campus is designed for change and growth. Our campus is scalable and offers dynamic, modular options within each building. Looking beyond the Engineering stream, the Bearys Group has created a master plan for a collection of educational institutions, among them:

- Bearys School of Sustainable Architecture**
- Bearys Institute of Planning & Management**
- Sarah Fathima School of Fashion Design**

BIT is the beginning of an exciting journey for the Bearys Group and for all who join the Institute. We look forward to welcoming you, learning with you and helping you reach your full potential as a responsible and successful leader for a better world.



ACADEMIC BLOCK II



ACADEMIC BLOCK I

- INTERNATIONAL H
- BIT FIRST YEAR BLO
- ADMINISTRATIVE B
- AMPHITHEATRE
- RECREATION CENT
- SCHOOL OF DESIGN
- ENVIRONMENT
- INSTITUTE OF PLAN
- SCHOOL OF FASHIO
- INSTITUTE OF ADV
- CENTRAL LIBRARY

Education is the manifestation of the perfection already in man.
-Swami Vivekananda

This kind of education needs institutions that are dedicated to the social cause with a strong sense of commitment. I have known Syed Beary for a number of years as an authentic, humane and committed man. I am delighted to know Bearys Group is getting into this arena that is crying out for such people. I wish Bearys Group God speed and good luck.

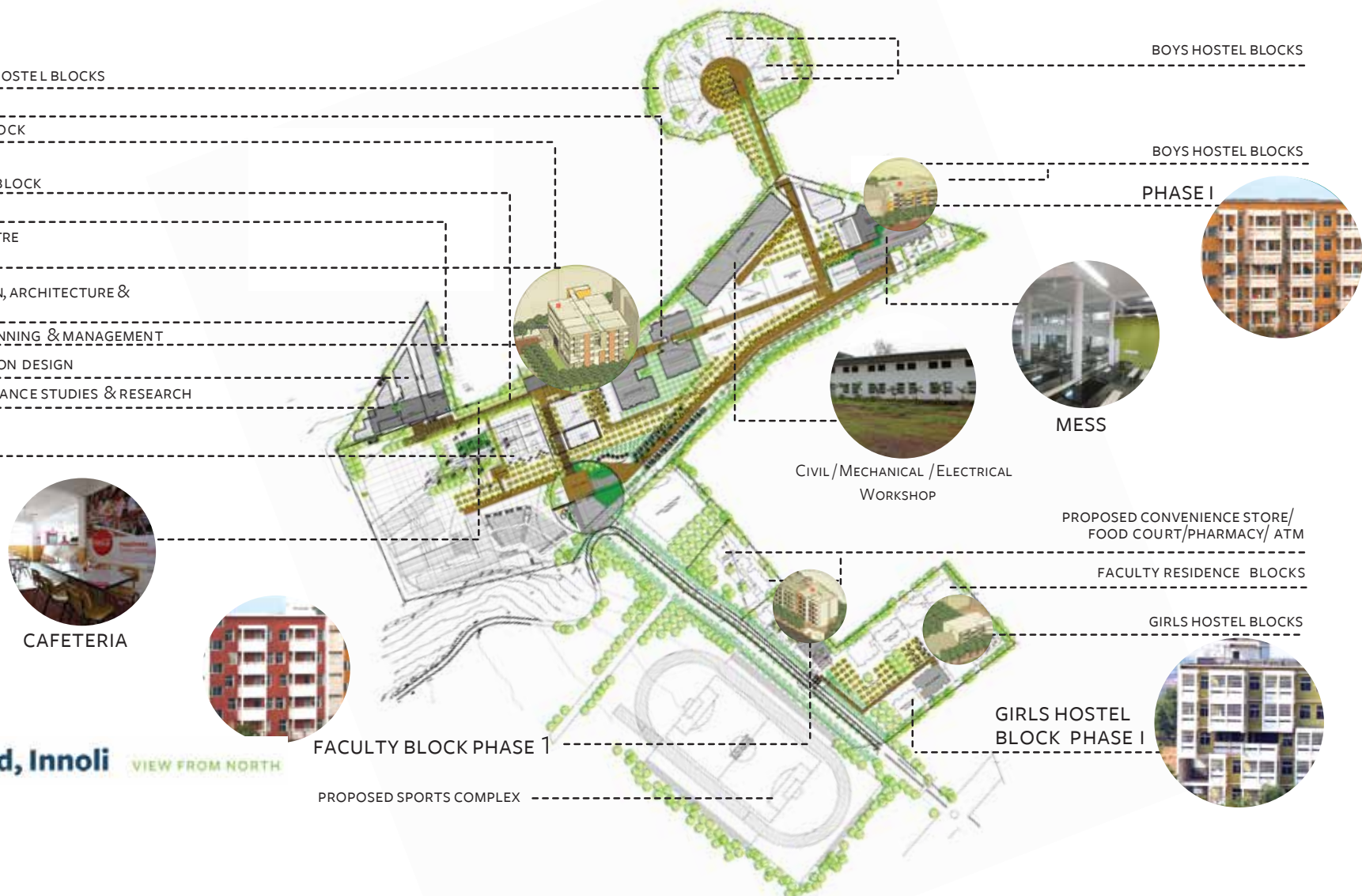
*B Sheikh Ali
Founder & First vice chancellor
Mangalore & Goa universities*

Entrepreneurship

One of the principles strongly encouraged by the management of BIT is the principle of Entrepreneurship. Entrepreneurship is an innate ability to spot opportunities and make it a success. It need not involve formal education but calls for vision, hard work and perseverance. It is driven with a passion towards the goal and the willingness to sacrifice. It is these very qualities that the Bearys group seeks to encourage. Plans are being prepared to finance persons with the spirit of entrepreneurship who wish to make their ideas see the light of reality – people who would build institutions with the sheer strength of their vision, hope and hard work.



**Clean City
Green City**



A STRONG FOUNDATION



Delivering Excellence
Consistently

Governing & Advisory Councils

Bearys Academy of Learning Governing Council

Syed Mohamed Beary
Chairman & Managing Trustee

Haji Master Mahmood
Trustee

Mohammed Ashraf Beary
Trustee

Abubaker Siddique Beary
Trustee

Mohidin Mazhar S Beary
Trustee

M H Khatkhatay
Trustee

Olivia
Trustee

Nasir Mohideen
Trustee

Director of Technical Education
(Govt. Of Karnataka Ex-Ofcio)
Member

VTU Nominee
Member

CII-IGBC Nominee
Member

Dr. Mohiddin B. Ahmed
Member

Dr. Palakshappa K
Member Secretary

Advisory Council

Dr Ajay S Mookerjee
Executive Director
Harvard Business School Research Centre,
India

Dr Satya Sharma
Executive Director (CEWIT)
Stony Brook University, USA

Altaf Mulla
Director – Product Marketing
Motorola

Dr Balaveera Reddy
Former Vice Chancellor
Visvesvaraya Technological University

Dr B M Hegde
First Vice Chancellor
MAHE Deemed University, Manipal

Mahendra Raj
Chairman, Mahendra Raj Consultants
Founder President, Indian Association of
Structural Engineers

B A Mohideen
Former Higher Education Minister
Government of Karnataka

Dr Prem C Jain
Chairman, Indian Green Building Council
Chairman, AECOM, India

B Sheikh Ali
First Vice Chancellor
Mangalore & Goa Universities



“My Lord! Advance me in Knowledge”



An Initiative of
Bearys Group

Bearys Education

Our social endeavour

- 2015 - 2016** Bearys Enviro-Architecture Design School (BEADS), Mangalore
His Grace Montessori (House of Children), Kodi
-
- 2014 - 2015** BIT Polytechnic, Mangalore
-
- 2013 - 2014** His Grace Academy of Montessori Learning, Mangalore
-
- 2009 - 2010** Bearys Institute of Technology, Mangalore
Bearys College of Education, Kodi
-
- 2008 - 2009** His Grace Montessori, Lakeside habitat &
His Grace Montessori, Harmony Homes, Bangalore
-
- 2005** Bearys First Grade College, Kodi
-
- 2004** Bearys Pre-university College, Kodi
Bearys Foundation for Teachers Training D.Ed.
Colleges (Kannada & English Medium), Kodi
-
- 2002** Bearys Computer Training Centre, Kodi
-
- 2000** Bearys Public School, Mangalore
-
- 1998** Iqra Arabic School, Mangalore
-
- 1997** His Grace Montessori-House of Children, Mangalore
-
- 1996** Bearys Seaside Public School, Kodi
-
- 1994** His Grace Creche-for workers' children, Mangalore
-
- 1993** Haji K Mohidin Beary Memorial High School, Kodi
-
- 1985** Bibi Fathima Anganawadis, Kodi
-
- 1981** Government Urdu Higher Primary School, Kodi
-
- 1948** Government Lower Primary School, Kodi
-
- 1906** First School started in a thatched roof hut,
Kodi, Kundapur, Udupi District



*Education is the manifestation of the
perfection already in man.*

-Swami Vivekananda

*This kind of education needs institutions
that are dedicated to the social cause with
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*B Sheikh Ali
Founder & First Vice Chancellor
Mangalore & Goa Universities*



Delivering Excellence
Consistently

Bearys
**Institute
of Technology**
MANGALORE

Recognition & Affiliation

Approved by AICTE, Govt. of India (06/06/KTK/ENGG/2008/017dtd.19.08.08)

Recognised by Directorate of Technical Education, Govt. Of Karnataka (ED 64 UTV 2008 dtd. 11.2.2009)

Affiliated to Visvesvaraya Technological University, Belgaum (VTU/Aca/2008-2009/A-3/12723dtd.7.3.2009)



Campus

Bearys Institute of Technology
Lands End, Innoli
Near Mangalore University
Mangalore 574 153
T +91 824 2235 000 / 2235 100
F +91 824 2235 775
M +91 98445 35720 / 98806 41681
E info@bitmangalore.edu.in

City Office

Bearys Institute of Technology
Marz Chambers, Falnir
Mangalore 575 001
T +91 824 244 4888
F +91 824 244 4999
M +91 99000 66888
E admissions@bitmangalore.edu.in

Registered Office

Bearys Academy of Learning
Bearys Horizon, 21 Wood Street
Bangalore 560 025
T +91 80 2227 3124 / 2531 7777
F +91 80 2227 3424
E education@bearysgroup.com

An Initiative of



Delivering Excellence
Consistently



IGBC - BEARYS GROUP
GREEN INITIATIVE



Indian Green Building Council
BIT STUDENTS CHAPTER

www.bitmangalore.edu.in