

Counselling Code : VBIF

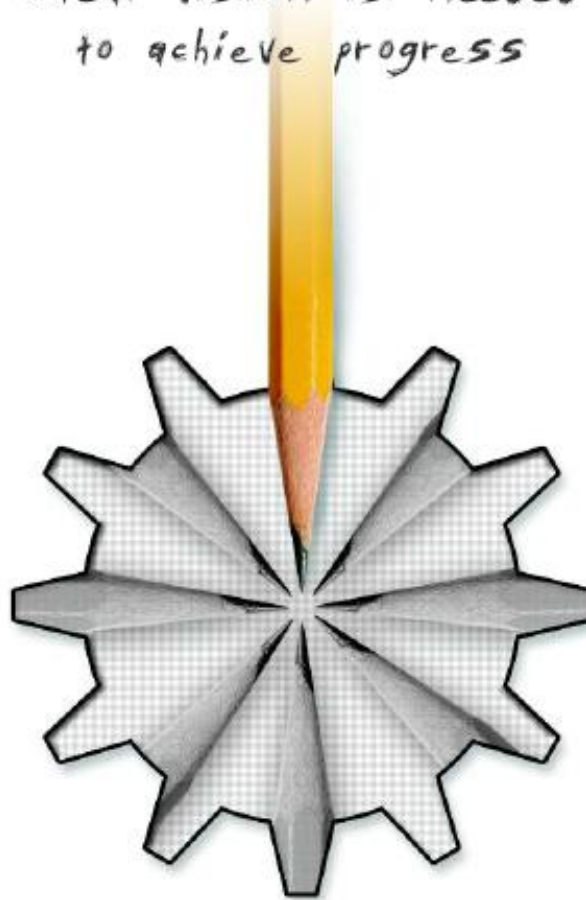


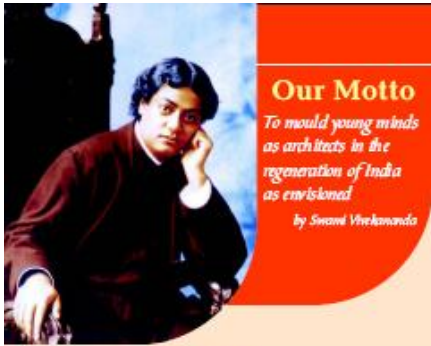
VIGNANA BHARATHI
Institute of Technology TM

(Approved by A.I.C.T.E. and affiliated to J.N.T. University, Hyderabad.)

Where Quality Matters...

*clear vision is needed
to achieve progress*





Our Motto

To mould young minds as architects in the regeneration of India as envisioned

by Swami Vivekananda

The Winning Edge

Vignana Bharathi Institute of Technology (VBIT)

The accelerating pace of technological developments has created an ever-increasing demand for highly qualified and professional engineers. Expanding population and corresponding demands for new products, structures, designs and improved services have been posing new challenges to the present and future engineers. Vignana Bharathi Institute of Technology (VBIT) through its curricula, educates and trains engineers to use scientific knowledge and problem-solving skills to determine the best solutions to the present problems and the society needs. Creating engineers and managers to cater to such environment has become the hallmark of VBIT.

The technological development is making the world as more or less boundary less single unit. Keeping pace with dynamic needs of the global society, is a challenging task for the education system. To cater to these commitments VBIT provides not only the technological education but also moral and social education to make a significant contribution to the world in which they work.



The Pillars of Success Management



Dr. N. Goutham Rao
Chairman



Dr. G. Manohar Reddy
Secretary



Dr. K.K.V. Sharma
Treasurer



Mr. V. Sanjeeva Reddy
Director

Indian philosophical educational system has been routed out in the past six to seven centuries providing edge to more and more materialistic approaches at the cost of humanity. Hence VBIT believes that the human values must be inducted to the educational system. The Management established HRD group of institutions and acquired the skills to handle the dynamics related to running the institute. The team as an addendum to their research and teaching strengths, the team concentrated to serve the society through engineering education too, resulting into the establishment of VBIT, in 2004. As the engineering education provides the students, the necessary strengths to build the infrastructure, the team has established enough links to the industries, research organizations, and academic institutions to lead VBIT to realize the vision.

Therefore the aim of the system at VBIT, is to provide knowledge as well as laboratory oriented education in engineering. This enables the students acquire the necessary skills, so that they can work directly at the industry anywhere in the globe. VBIT is forging ahead with improvements every year to achieve this mission.

The management aims to make the college grow into an ideal centre of excellence.

Visionary Principal

Dr. T.C. Sarma



Dr. T. C. Sarma is an eminent scientist with more than 35 years of experience in research and development in Dept. of space, Govt. of India. He had a brilliant academic career and held key positions in the development of space programs of India. He is a recipient of a number of honors and awards. He has contributed to major technological development in the Dept. He has a number of scientific publications to his credit. He was one of the few persons qualified for space travel under ISRO / NASA program. VBIT is being immensely benefited under the able guidance of such a visionary with qualities of leadership.



Dr. Jayanthi Kalbar of
Vignana Bharathi Institute of Technology



Dr. P. B. Subramanya of
Vignana Bharathi Institute of Technology



Dr. C. R. N. Sarma
Vignana Bharathi Institute of Technology



Dr. Gayatri Shetty
Vignana Bharathi Institute of Technology



Dr. T. G. H. Maheswara Rao
Vignana Bharathi Institute of Technology



Dr. B. M. Ramana
Vignana Bharathi Institute of Technology



Prof. V. Anand of
Vignana Bharathi Institute of Technology



Prof. P. Hari Sagar Reddy
Vignana Bharathi Institute of Technology



Prof. Mohd. Jameel
Vignana Bharathi Institute of Technology



Department Profiles

Graduating top quality professionals with the necessary core strength for the industry is the culture at VBIT. Each department has a good number of Professors with high reputation and research strength. Associate Professors and Assistant Professors are also a part of the departments. The labs of CSE and IT are open for the faculty members and students for using installed applications and surfing the net.

Learning with undivided focus



Department of Electronics and Communication Engineering

Most of the emerging technologies are taking shape in the world due to rapid development in electronics and communication technology. A team of 22 excellent faculty members with a combination of teaching and industry are taking lead to impart the best level of technical education to the budding engineers. The Department is fully equipped with well advanced technical laboratories (Electronics Devices and Circuit Lab, Linear IC and E CAD Lab., Digital Communication Lab, Analog Communication Lab, Electronic Computer Aided Design Lab, Micro Processor Lab, Electronic Circuit Lab, Digital Signal Processing Lab, Micro wave & Optical Communication Lab, Pulse and Digital Circuit Lab, Embedded system lab, Simulation Lab, Digital Signal Processing lab etc). A separate 'Advance Research and Development Laboratory' has been established to help the students to carry out their mini & major projects in the Department itself.

Admission Procedure

70% seats to total sanctioned intake (B.Tech./M.Tech./MBA/MCA) are filled by GATE/EAMCET/ICET convener and 30% are filled up under management Quota, scrupulously adhering to the rules and procedures stipulated by Govt. of A.P.

ECET qualified candidates are admitted directly to the 2nd year of engineering course, under lateral entry scheme by the Govt. System. Merit plays a pivotal role in the admission to Management seats.

Courses offered

B.Tech	Intake
ECE	120
CSE	120
IT	60
EEE	60
MECH	60

M.Tech.	Intake
Communication Systems (Dept. of ECE)	18
Computer Science Engineering (Dept. of CSE)	18
Electrical Power Systems (Dept. of EEE)	18
Computer Networks and Information - Security (Dept. of CSE)	18
Embedded Systems (Dept. of ECE)	18

Other Post Graduation Courses	Intake
MBA	60
MCA	60

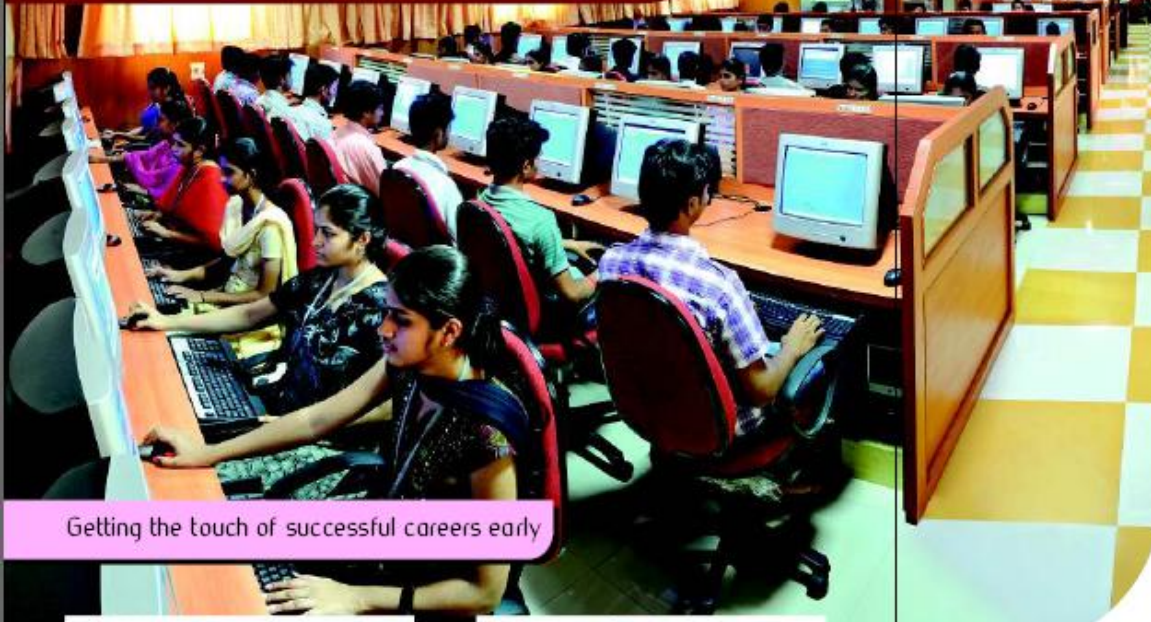
Department of Mechanical Engineering

In view of ever increasing demand of Mechanical Engineers, a group of 7 well qualified faculty members is running this department systematically. The department has 4 laboratories to ensure that the students gain through practical knowledge according to the industrial requirements. (Engineering Workshop, Machinery & Solids Lab, Metallurgy Lab, Fluid Machinery & Hydraulic Machinery lab)



Department of Computer Science Engineering

In the present scenario of Globalization to meet the demand of quality professionals, there are 22 well qualified enthusiastic faculty members in the department who are contributing their honest efforts. The Department has 4 laboratories (1 Multimedia English Language laboratory, Microprocessor laboratory, and Computer Laboratories, Java & Unix Laboratory) in the most appropriate and acceptable manner. Now there are 610 systems with relevant licensed software.



Getting the touch of successful careers early



Department of Information Technology

With the rapid changes that took place in the modern era of information technology, to meet the needs of IT experts, there is a team of 20 dedicated faculty in the department who are contributing their resources. The Department has 3 laboratories (1 Multimedia English Language laboratory, Microprocessor laboratory, and a couple of Computer Laboratories, Java & Unix Laboratory). Now there are 150 systems with relevant licensed software.

Department of Electrical & Electronics Engineering

Electrical & Electronics has gained rapid importance in view of ever increasing demand of power. A group of 12 well qualified faculty members are running this department methodically. The department has 7 laboratories to ensure that the students of EEE gain through practical knowledge of industry's requirements. (Electrical Machines Lab, Networks Lab, Control Systems Lab, Fluid Mechanics & Hydraulics Lab, Electrical Measurements Lab, Power Electronics Lab, Simulation of Electrical Systems Lab.)

Department of Humanities & Sciences

The Department of H&S is contributing by enhancing students' wisdom in the area of English, Mathematics, Chemistry and Physics which are common for all Engineering disciplines. The department consists 28 highly qualified and competent faculty members. The department has well established Multimedia and English Language laboratory with 60 systems. This language lab focuses on computer aided multimedia instruction and language acquisition through a variety of self-instructional, learner-friendly modes of language learning in Phonetics, Accent, Intonation and Rhythm. The language lab provides the required facility to face computer-based competitive exams. Apart from MEL lab, the department has well established Chemistry and Physics Lab which provides a practical view of aforesaid areas of education.

Post graduation and Research Studies

Seven Post graduation programs are being offered in the department of CSE(2), EEE(1), ECE(2), Computer Applications (1) and Management Studies (1).

Department of Computer Application-MCA

The Department was established in the year of 2006. The department consists 12 well qualified and experienced faculty members and 6 well trained Lab programmers who assist the faculty and guide the lab practices. The department has 2 excellent computer laboratories with a capacity of 120 systems and the required licensed software.



Department of Business Administration-MBA

The Department was started in 2006, though in a budding state, it earned an excellent name among the management colleges of Hyderabad. Guest lectures, seminars, industrial tours for students are being organized to encourage the students' participation for an all round development to meet the demands of the corporate. The department has 9 mentors who are well trained in accommodating the needs of the students.



Solving issues by discussing it openly



Ankit Fadia



Idea Mines Research and Development



Conceptual teaching along with research and development makes the institute unique and provides an opportunity to produce competent and employable engineers. VBIT has been on this track to orient its environment for this novel model by tracking the current technological and industrial trends. R & D is being guided by the experts from Academic, Industry, and Research. Talks by these are also being arranged by the department. A few of the important Labs are Digital Systems Development Lab, Software Development Lab, Design Automation Lab, Virtual Instrumentation Labs, and Systems Modeling and Simulation Labs.

The output from these developments is that, the in-house student projects are guided by the faculty, researchers and experts from industry. The faculty members are also trained in the current technological and research trends.

In this sojourn, VBIT is able to realize the environmental improvement in a phased manner for the establishment of a Research and Consultancy Center. The R&D cell is headed by **Dr. Gops Dutta** who herself is the principal investigator of two projects in the field of Space Physics sponsored by Indian Space Research Organization. Research & Development cell is leading ahead with few more project proposals submitted to various agencies like DST, DBT for independent funding.

The on-going projects under Research and Development cell are,

- 1) A campaign to investigate middle atmospheric structure and dynamics including exchange processes over Indian tropical region (8.5°N, 8.7°N, 13.5°N, 17.2°N) using high altitude balloon data, radar and LIDAR observation.
- 2) Long term trends of atmospheric oscillations and their relationship with solar variability.

Regular Phenomenon Guest Lectures

During the last academic year, a galaxy of academicians and industry experts visited our campus, interacted with the students and shared their experiences in shaping the young minds towards a better future.

Among them to name a few Dr. M. Gopala Krishna, IAS (Retd) on thoughts of Swami Vivekananda, Dr. V. Rangari, USA on Nanotechnology, Mr. KS Banerji, Chief Manager, Andhra Bank on Risk Management, Mr. Ankit Fadia on Ethical Hacking, Mr. C. Uma Maheswara Rao, IAS (Retd) on Ethics in Administration, Mr. SVS Lakshmi Narayana, General Manager of Jupiter Organics on Success Stories, Mr. K. Ravi Shankar, Sales Manager, J.C.K.I Bank on Merger and Acquisitions.

Library-Clearing doubts through self-learn mode



Amenities

Library and Information Centre

Our Library accommodates more than 1000 students and a storage capacity of 1 lakh books. It hoards assorted books that interests the students in academics & research, journals, magazines, light reading, news papers etc., Library is accessible to all the students and the faculty members. It aims to provide a parallel source of knowledge and information, apart from the regular lectures and classes.

The current library, housed around 30000 volumes covering different engineering streams. As many as 70 international and 80 national journals are provided for the students.

A separate digital library with a server of more than 15 TB storage and 30 clients provides the best material in the world for all students. It provides an instant access to students, faculty members, and visiting experts to Indian and foreign journals in their branches of specialization. More than 11000 hrs of video lessons and power point presentations are part of this digital library. Internet connectivity is available to all systems in the institute.

Broadband Internet

The institute is provided with 4MB link and all the labs and departments function with internet.

Consumer Store

Facilities like spiral binding, photocopying and lamination at a nominal price are available on the campus. Students can also purchase notebooks, pens, pencils, lab records and paper at a subsidized price from the consumer store.

Mineral Water Plant

A mineral water plant with a capacity of 500 litres/hour, supplies drinking water to all the inmates of the institute. The drinking water at the institute is safe and hygienic as per the standards.

Generator/UPS

Two generators 160 KVA and 62.5 KVA serve as a backup for the HT supply. All the computer systems are provided with UPS backup in addition to generators backup.

Transport

The college operates a fleet of 18 own buses driven by experienced drivers providing caring, safe and punctual transportation for students & faculty. The buses cover all the major parts of the twin cities and the bus services are operated strictly on a basis of 'no profit'. A number of RTC buses are also provided as per college timings to cater to the students availing the public transportation. Professors and HODs, are provided with pick up car facility.



Infrastructure

The Main Engineering Block is a full-fledged infrastructure, constructed with a built up area of 80,000 sqft comprises spacious and well ventilated class rooms, well- equipped laboratories, seminar halls, Department offices, staff rooms and other amenities. Appreciable circulation areas are provided in the design for the better health of students.

The General Engineering Block, with a built up area of 40,000 sqft, is exclusively for the students of first year B.Tech., MBA and MCA. This Block consists of aerated class rooms, Drawing Hall, Conference Hall, Staff rooms, Digital Library, Physics, Chemistry and English Multimedia Lab with required amenities for students and staff.

Administrative Block (77,000 sqft) contains administrative offices, seminar halls, conference rooms, Student Activity Centre (SAC), examination centre, computer centre (20000 sqft.), Placement Office, Counseling Cell & independent R&D centre.

Two separate blocks with a built up area of 40,000 sqft. each are proposed to be constructed exclusively for ECE and P.G and Research studies courses.

All facilities for a smooth take off



Public speaking skills honed upgraded



Auditorium and e-class rooms

A spacious auditorium and a seminar hall for each Department are available with all the required amenities to conduct various academic and extracurricular activities. In addition to these, e-classrooms are available in each Department with the facility of LCD projector. In addition to this, 2 conference rooms are provided with audio and video systems.

Canteen

The college has a separate and well-designed canteen block with 6000 sq. ft. area and a seating capacity of 250. The canteen offers fresh snacks and beverages at a subsidized price. The college takes extra care in providing hygienic and nutritive food. It is an ideal place where the students continue their academic discussions and career plan.

A Road map

Overall Development

A time bound plan is prepared for all-round development of the Institute. As per this plan, 15 cells are functioning at the Institute level while 5 committees are working at departmental levels. Each cell and committee is headed by an experienced faculty member. Meetings of College Academic Council are being conducted regularly to monitor the functioning of these cells.

Towards Bright Career

Teaching Learning Process

Preparation of a cademic plan, Continuous evaluation, Collection and compilation of monthly attendance, Preparation of progress cards, Tutorials & Seminars, Collection and analysis of feedback received from students to give necessary inputs to faculty members based on these feedbacks, parent-teacher interfaces and to encourage innovative teaching techniques, are some of the salient features of the Teaching-Learning process being implemented in the Institute.

Carrot and Stick

Discipline And Anti - Ragging Measures

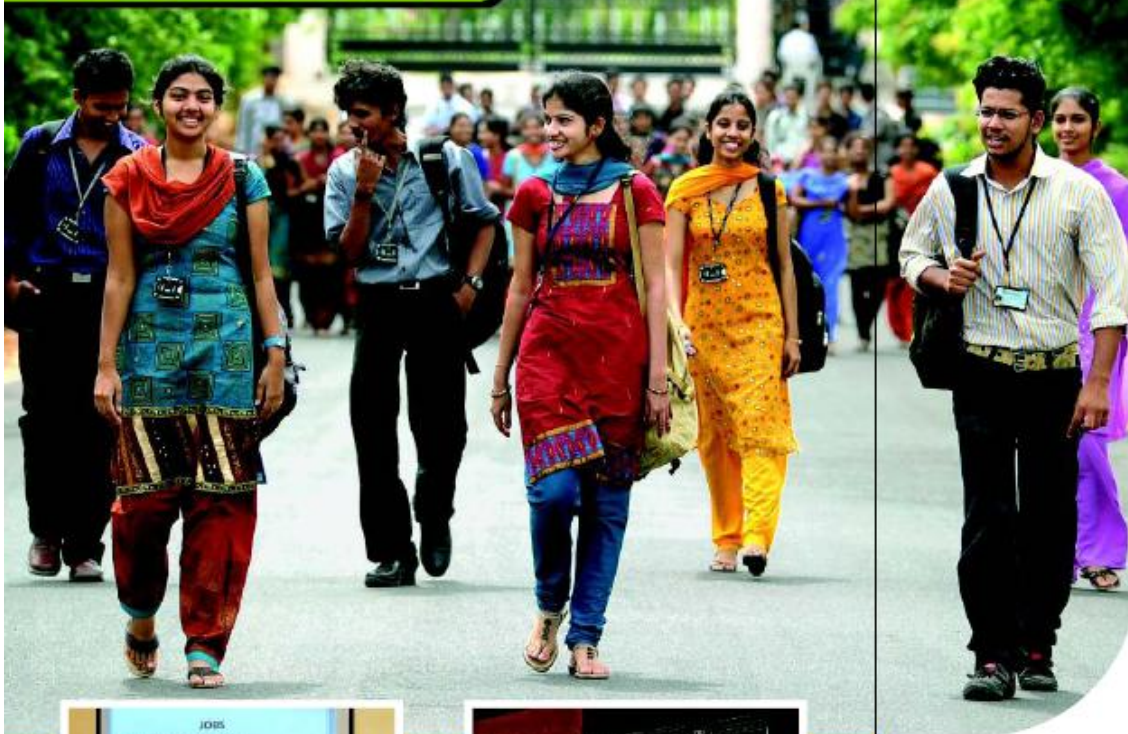
Students are monitored in their discipline with regards to dressing, language and body language. Punctuality is a matter of high importance at VBIT. So, no student is allowed to come late to the college. 75% attendance is mandatory to take the exams, whereas 100% is highly appreciable and suitably awarded.

Lack of motivation and a platform to express the talent among students, is one of the major root causes of ragging. While banning any act of ragging within or outside the campus by the prohibition Act. 26 of 1987 of Govt. of A.P., VBIT started many student centric initiatives which help the institute to emerge as a ragging-free campus.

Anti-ragging committee is established in the institute which involves the teachers, students and the administrative staff, who keeps vigilant about the discipline of the students.



Enjoying the best of the 'studying years'



Motivating the Professionals to be Training and Placement

Thrust on skill – up gradation and focus on employability rather than employment helped VBIT to achieve a record of sorts by arranging on-campus drives by MNCs even before the 1st batch passed – out.

Training and Placement Cell is an integral part of the Institute. It comprises faculty members, competent trainers and placement officers who train the students throughout the year in an effort to prepare the students for the campus selection programs.

Classes on Soft skills, Technical skills and reasoning ability are included in regular timetable of II and III B. Tech. Apart from this, special training sessions focus on requirement of specific companies regularly throughout the year.

There are about 134 students who are registered under JKC scheme in the year 2009-2010.

During the last academic year, Training and placement cell conducted around 25 events on employability skills and personality development, Communication skills, Interview skills, etc.

Our recruiters on campus are Infosys, Mahindra Satyam Computers, Dell international, Smadurk Infotech, ING Vysya Bank, Performica Software, Neterrich Technologies, IBM, India Bulls, Coasefire, APPS, Bloomssoft, GGK Tech, Rofous Software etc.

Evening Courses for GRE, TOEFL, GMAT, GATE, Spoken English, Soft skills and Tech Skills (.Net, SCJ, SAP) are offered at VBIT to help the students in shaping their career.

For Practical Exposure Industrial Tours

Industry interface enables students to analyze and understand the ever-changing dynamics of the industry. Students are exposed to current industry practices through industry visits during their study. During the last academic year, students visited various industrial campuses like Infosys, CPRIT, Nagarjuna Sagar Hydro Power Plant, Novartis, TCS and NRSA/SRO etc.

For Creating a Rapport Students Activity Centre (SAC)

The SAC is a group of 18 forums which enhances student skills in a spherical manner. Each forum has its own strategy for a specified group of students. The aim behind establishment of the SAC is to inculcate value based education, providing the students an environment to understand and meet societal needs. The SAC emphasizes on developing leadership qualities, team building, enhancing creativity, encountering forthcoming technical and non-technical challenges in industry and taking charge of social responsibilities.

Each forum under the SAC has been provided with financial and functional autonomy to benefit the students for improvement. The Forums are:



Backbone Faculty

Faculty is the backbone of any institute. Each department of the institute is headed by an experienced Professor and consists of an excellent panel of faculty members with the right blend of academic and industrial background. Despite the seeming shortage of qualified, experienced and competent faculty, the management have secured the services of fully competent staff qualified as per guidelines of AICTE and J.N.T. University, Hyderabad.

The collective strengths behind successes



The Prestige of VBIT IEEE



104 students have become the members of IEEE for the year 2009-10. This association has emerged as one of the very active campus organizations since its inception. IEEE-VBIT student branch conducts weekly

programs like group discussions, exhibition of technical movies, debates and paper presentations throughout the year. The IEEE wing successfully organized the hat-trick of Xylyx, the State level technical symposium on the campus in which more than 6000 students from different colleges participated in various technical and other activities. Awards are distributed for the best project / paper. VBIT is privileged to receive the best IEEE centre award for the year 2009-2010 out of total 75 branches registered in Hyderabad region, and also nominated for exemplary student branch award at RI6 (Asia-Pacific).

The Engineers' Forum IETE

The IETE student forum of VBIT was inaugurated in 2008, which holds 120 students presently. A workshop on MATLAB applications was organized twice on campus by this forum. Other activities under this club are presentation of technical movies, quiz, paper presentations and elocution competitions round the year.

Dyuthi The ray of hope. NSS Unit

This unit sets an example that how career and social responsibility should walk hand in hand in an engineer's life for a better cause. The following are a few activities conducted during 2009-10. Funds were raised by selling Ugadi greeting cards designed by Stutalk team and were utilized against the educational expenditure of two girls, Vaidehi Ashram (orphanage for girls). Relief material and cash is collected during Nov-Dec, 2010 to help flood victims in Kurnool district.

A Blood donation camp was organized in association with the Lions Club, Warangal. 360 units of blood were donated. A lecture on 'Right to Information Act' was organized in coordination with 'Eemadu, the daily'.

On the eve of Republic day, various competitions were conducted at the Government school, Aushapur. School uniforms and Prizes were distributed.

Branch Association

Every department has its own branch association which conducts various department level activities like Students Seminars, Group discussions, and Mock interviews, guest lectures, expert seminars, workshops, paper presentations etc. 7 branch associations are active in respective departments to carry out all these well planned activities.

Updating is part of being aware



College News Letter

Stutalk

Stutalk a monthly newsletter, attracts students giving them a platform to share their opinions and thoughts, creating immense passion in VBITians by putting forth their talents and promulgating them. Stutalk, more notable as a college buzz admits college roundup, happenings and facetious college gossip, etc. This newsletter also encompasses many articles, technical abstracts, puzzles to tickle the brains, humorous cartoons and jokes, etc. An editorial team of students look after this newsletter in an attempt to shape the students' skills in various areas.

The Musical Society

Virinchi

Virinchi is a forum dedicated to music, dance and other kinds of performing arts. More than 350 students joined this forum to quench their thirst for art forms. Inviting well known artists and showcasing the talent of students is one of the main objectives of this forum.

For Technophiles

Robotics Club

One more feather in the cap of VBIT, Robotics, is continuously enhancing students' practical understanding about the modern machines. It has conducted many college level activities like technical paper presentations, demonstration of student's robotics models, Techno Quiz and a State Level Workshop on Robotics in collaboration with BITS, Pilani. One robotics gallery and 8 other development clubs are in action.

Multimedia Culb For Fresher

Avishkar

This is a multimedia club exclusively for first year students. This forum inspires students to present their innovative ideas and concepts in various fields. It conducts intra college paper presentation competition in which around 150 to 200 first year students participate every year. The selected top 10 have to compete with invited teams in intercollege competition. During last 4 years, 'Avishkar' created its own image among the freshers of all engineering colleges in twin cities.

Old is always Gold

Alumni Association

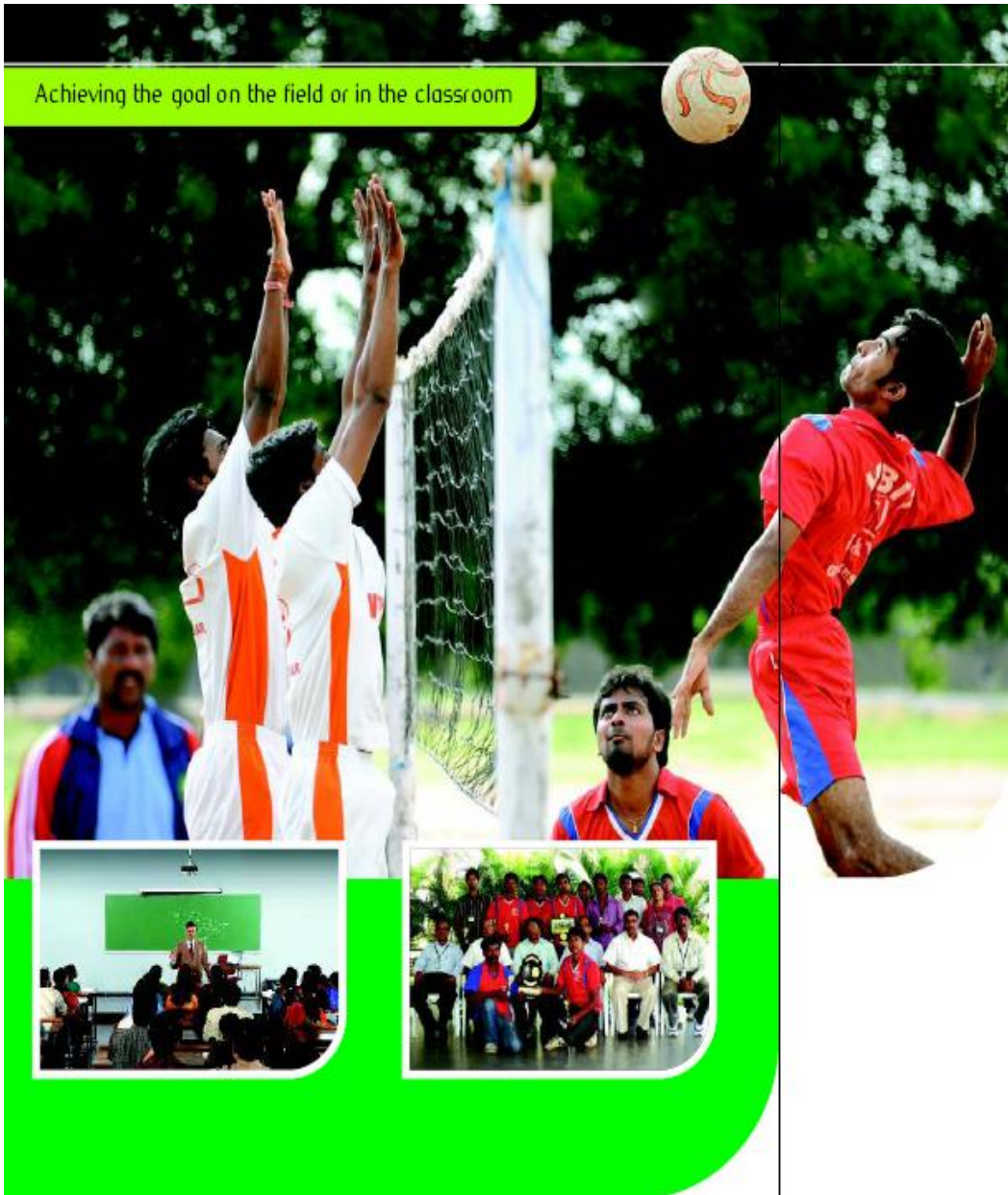
To keep connected to the root where the students have grown out as professional, the alumni association maintains a database of the students and keeps them informed with the ongoing activities of the college. Students of VBIT are spread across several countries and they in return provide us with the latest technological updates.

Blossoms Forever

Vibha

Vibha, the Annual Day Celebrations, brings the students' innate abilities out and shows an outlet for their extraordinary talents. Various cultural competitions like Traditional Dress and Ramp, Dance, singing etc. attracts huge response from the students at the end of every academic year.

Achieving the goal on the field or in the classroom



Better Minds Physical fitness and Sports

The Department of Physical Education has qualified and trained Physical Director, **Mr. M. Srinivas Reddy**, who is a National level coach of Volley Ball. Under his dynamic supervision and training, students are encouraged to participate in a wider range of games and sports by providing all required facilities. During the last academic year, 138 students participated in various sports activities like Cricket, Volley Ball, Throw ball, Foot Ball and Shooting at University, State and National levels. VBIT students have an excellent winning record in various sports in which they participated at Inter College, Zone, State, and National level. During 2009-10, the Institute won championships at 6 University level cricket and volley ball tournaments conducted at various places. 12 Students of VBIT represented the JNTU at various Inter-University Tournaments. VBIT is a zonal centre for JNTU to conduct Inter-Collegiate Cricket Tournaments. In memory of its Founder Principal, the Institute organizes Prof. G Ramprasad Memorial Intercollegiate Cricket Tournaments every year.



Mr. M. Srinivas Reddy
Physical Director

Students Participation and achievements

During the last academic year about 297 students participated in various intercollegiate competitions and won the prizes. Organizations like INTEL ASIA, IIT, TCS have sponsored the projects of EC and CSE students. Special attention is being given on mini projects during third year vacation period which cultivate the research attitude among the students, right at the beginning of their final year. In-house laboratory support is being provided to carry out such projects.

Skill Upgradation Faculty members

There is a continuous encouragement from management for skill upgradation of every employee. During the academic year 42 faculty members attended different seminars and workshops in their respective fields. Institute has sponsored 22 faculty members to participate in these seminars organized by various institutions and agencies throughout the year.

Good number of teaching and non-teaching staff are pursuing their higher studies under different streams. The facilities such as granting on duty and special study leaves are being offered by management to encourage career enhancement. More than 20 employees are upgrading their skills by pursuing research and non-research programs.



Our sister concerns



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Lokamanya Tilak College of Information Technology,
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www.ltpghyd.ac.in



Lokamanya Tilak College of Business Management,
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www.ltpghyd.ac.in

Route Map (Not to scale)



VIGNANA BHARATHI
Institute of Technology

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