



VBIT is proud to have completed **TEN Successful Years** in spreading quality technical education to one and all. The Institute is all set to celebrate in a grand fashion the year 2014-15 as the Decennial year.



**Campus:**

The Principal,  
Vignana Bharathi Institute of Technology,  
(V) Aushapur, (M) Ghatkesar, R.R.Dist,  
Telangana State - 501 301.  
Ph : 08415-200419, 309981,  
Fax : 200321.  
E-mail : principal@vbithyd.ac.in  
Website : www.vbithyd.ac.in

**Contact for Admissions :**

HRD Degree & P.G. College  
Narayanguda, Hyderabad - 500029.  
Ph: 9912362220, 9989353766.

ranjan2121@gmail.com 94409 69067



**VIGNANA BHARATHI**  
Institute of Technology

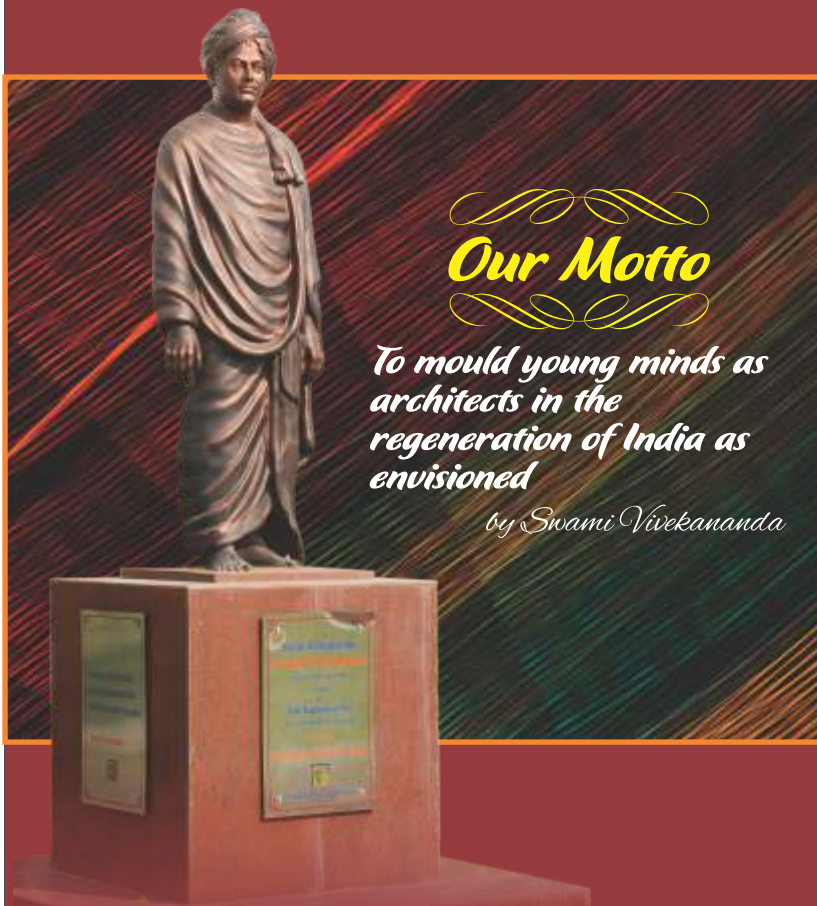
Counselling Code : **VBIT**

(Approved by A.I.C.T.E., Accredited by NBA and permanently affiliated to J.N.T.U, Hyderabad.)



Where Quality Matters...





### Our Motto

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

by Swami Vivekananda



### ACCREDITATION FROM NBA

A way to assure quality in engineering education system is by adhering to accreditation by a certified body. The Institute has received accreditation status for its four major UG programs (ECE, CSE, EEE & IT) from National Board of Accreditation (NBA), New Delhi.



### PERMANENT AFFILIATION BY JNTU-H

The Institute has received permanent affiliation status from Jawaharlal Nehru Technological University, Hyderabad from the year 2014-15.



Team NBA

### 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 come up with the best solutions to the present problems and the society needs. Creating sustainable engineers and managers to cater to such environment has become the hallmark of VBIT.

The technological development is transforming the world into a global village erasing all the boundaries. Keeping pace with the dynamic needs of the global society is a challenging task for the education system. To cater to these commitments, VBIT provides not just the technological but also moral and social education to make a significant contribution to the world in which they work.

### VISION

To emerge as a premier institution for technical education in the country through academic excellence and to be recognized as a Center for Excellence in Research & Development, catering to the needs of our country.

### MISSION

To establish a strong institution by consistently maintaining state of the art infrastructure and building a cohesive world class team by providing need based technical education and promoting Research and Development through enhanced Industry Interaction.

### 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  
Member

Over the past six to seven centuries the Indian philosophical educational system has been neglected thus giving way to more and more materialistic approaches resulting in a drastic loss of ethics. Hence VBIT believes that the human values must be re-inducted into 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, determined to serve the society through engineering education. This resulted in 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 with the industries, research organizations, and academic institutions to lead VBIT to realize their vision.

Therefore VBIT aims to provide knowledge as well as practical applications of the engineering industry. This enables the students to acquire the necessary skills, to work in any industry, globally. VBIT is pacing ahead with improvements every year to grow into the most sought-after place for budding engineers.

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

### VISIONARY PRINCIPAL



Dr. J. Suryanarayana Murthy

B.Sc.(Engg.)(Hons), M.E(IISc Bangalore), Ph.D.IIT(Madras), DST(CMC), LMIIChe., MIE(I), MISTE.,

Prof. J.S.N. Murthy has 35 years of experience in teaching and research. He is also a member of professional bodies like the Institution of Engineers, Indian Institute of Chemical Engineers and also Indian Society for Technical Education.

A widely travelled man, he has presented papers at various International forums and has been awarded Five Gold Medals by Institution of Engineering for the best papers published in the Journal of Institution of Engineers of Chemical Engineering Division. He has also been awarded Merit Certificate by Institution of Engineers.

He has guided over 20 Students in their M.Tech theses and several of these students are pursuing Ph.D. under his guidance. He has been a resource person for the past 10 years to teach the Engineering Graduates recruited by BARC, at the training school located at NFC Hyderabad. He has been invited to deliver lectures at different National Institutions & Universities. He has completed a UGC sponsored project 'Solid-Solid Reactions in Fluidized Beds'.

He was also a Board member for Chemical Engineering branch at Andhra University, JNTU Ananthapur and JNTU Hyderabad. His areas of research interest include Transfer Operations, Fluidization, Solid-Solid Reactions, Process Dynamics and Rheology of Polymers.



Prof. Anand Moghe  
Professor, Dept. of ECE



Dr. M. Madhubala  
HOD, Dept. of IT



Dr. Bapi Raju  
Professor, Dept. of H&S

### DRIVING FORCE



Dr. Jayant Kulkarni  
Professor & Vice Principal



Dr. Gopa Dutta  
Director, R&D



Dr. T.C.H. Malleswara Rao  
HOD, Dept. of CSE



Dr. N.S. Babu  
Professor, Dept. of ME



Prof. K. Neelima  
HOD, Dept. of EEE



Prof. A.V. Rami Reddy  
HOD, Dept. of CE



Dr. A. Venkat Yadav  
Assoc. Professor, Dept. of H&S



Dr. G. Amarendar Rao  
HOD, Dept. of ME



Prof. B. Brahma Reddy  
HOD, Dept. of ECE



Dr. S.V. Ramana  
HOD, Dept. of MBA



Dr. C.R.N. Sarma  
Director, Academics



Dr. P.S. Subramanyam  
Professor, Dept. of EEE



Dr. Pappu Kousalya  
HOD, Dept. of H&S



Dr. M. Suneetha  
Assoc. Professor, Dept. of H&S

## ADMISSION PROCEDURE

70% seats to total sanctioned intake (B.Tech. / M.Tech. / MBA) are filled by EAMCET / GATE / ICET convener and 30% are filled up under Management Quota, scrupulously adhering to the rules and procedures stipulated by Govt. of Telangana. 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
Electronics & Communication Engineering	240
Computer Science & Engineering	240
Electrical & Electronics Engineering	120
Mechanical Engineering	120
Civil Engineering	120
Information Technology	60

M.Tech.	Intake	
	I Shift	II Shift
Communication Systems (Dept. of ECE)	36	18
Computer Science Engg. (Dept. of CSE)	36	36
Electrical Power Systems (Dept. of EEE)	18	36
Power Electronic & Drives (Dept. of EEE)	36	18
Embedded Systems (Dept. of ECE)	36	-
CAD / CAM (Dept. of Mech)	18	-

Other Post Graduation Courses	Intake
Master of Business Administration (MBA)	120



## DEPARTMENT PROFILES

Producing top quality professionals with the necessary core strengths for the industry is the culture at VBIT. Each Department has a good number of Professors with high repute and research strength. Associate Professors and Assistant Professors are also a part of the Departments.

### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING (ECE)

Most of the emerging technologies are taking shape in the world due to rapid development in electronics and communication technology. A team of excellent faculty members with a combination of experience in 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 like Electronic Devices and Circuit Lab, Linear IC and E CAD Lab., Digital Communication Lab, Analog Communication Lab, etc.

A separate 'Advanced Research and Development Laboratory' has been established to help the students to carry out their mini & major projects in the Department itself.

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSE)

A set of well qualified & enthusiastic faculty members of the Department is contributing their efforts to meet the demand of quality professionals in the present scenario of globalization. The Department has well-equipped laboratories like Multimedia English Language Laboratory, Microprocessor Laboratory, Computer Laboratories and Java & Unix Laboratory etc. There are 750 systems with relevant licensed software.

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING (EEE)

The area Electrical & Electronics Engineering has gained rapid importance in view of ever increasing demand for electricity. A group of well qualified faculty members is instrumental in the methodical procedures of the department. The laboratories ensure that the students of EEE gain practical knowledge required by the industry. Electrical Machines Lab, Networks Lab, Control Systems Lab, Fluid Mechanics & Hydraulics Lab, Electrical Measurements Lab, Power Electronics Lab, Simulation of Electrical Systems Lab are the notable labs of the Department.

### DEPARTMENT OF MECHANICAL ENGINEERING (ME)

In view of ever increasing demand for Mechanical Engineers, a group of well qualified faculty members of the Department ensure that the students gain practical knowledge according to the industry requirements. Labs like Engineering Workshop, Machinery & Solids Lab, Metallurgy Lab, Fluid Machinery & Hydraulic Machinery lab etc. are a few to mention.





### DEPARTMENT OF CIVIL ENGINEERING (CE)

The Department is established in the year 2011. Though in a budding stage, the Department is supported by qualified faculty members and well-equipped labs.

### DEPARTMENT OF INFORMATION TECHNOLOGY (IT)

With the rapid changes that took place in the modern era of Information Technology, to meet the increasing need for IT experts, there is a team of dedicated faculty in the Department who are contributing their expertise. The Department has Laboratories like, Multimedia English Language Laboratory, Microprocessor Laboratory, Computer Laboratories, Java & Unix Laboratory etc.. There are 150 systems with relevant licensed software.

### DEPARTMENT OF HUMANITIES & SCIENCES (H&S)

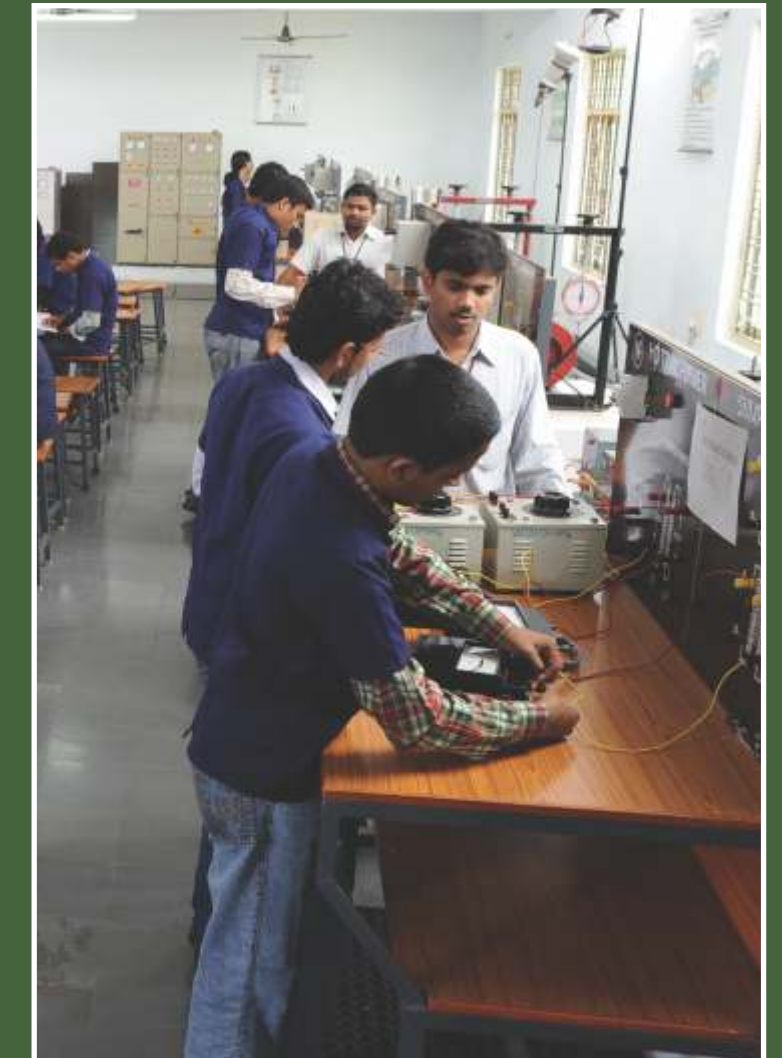
The Department of H&S is contributing to the students' overall development by enhancing the need-based skills in the area of English, Mathematics, Chemistry and Physics which are common for all Engineering disciplines. The Department has highly qualified and competent faculty members. The Department 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 ELCS Lab, the Department has well established Chemistry and Physics Labs which provide a practical view of the respective subjects.

### POST GRADUATION AND RESEARCH STUDIES

Seven Post Graduation programs are being offered in the Departments of CSE (1), EEE (2), ECE (2), ME (1) and MBA (1).

### DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

The Department was started in 2006 and earned an excellent name among the management colleges of Hyderabad. For an all-round development of the students, Guest Lectures, Seminars, Industrial Tours are being organized. We encourage the students' participation to meet the demands of the corporate. The Department has 9 mentors who are well trained to cater to the needs of the students.



## INCUBATION CENTERS - "PLANT A SEED" IN THE MIND OF STUDENTS

Each Department in the Institute has established an Incubation Center. Students are encouraged to build the ideas and concepts in their respective areas of interest. Dedicated logistic support is available to nurture the creativity of the students. These Centers are designing and developing various working models round the year.

## 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.

## IDEA MINES

### Research and Development Center

Conceptual teaching along with Research and Development makes the Institute unique and provides an opportunity to produce competent and employable engineers with a broader outlook. VBIT has been following this novel model and exposing the students to the current technological and industrial trends. Research activities in different fields are guided by the experts from Academic, Industry, and Research Institutions. Talks by such experts are also being arranged by respective Departments. 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. Gopa Dutta who herself is the principal investigator of two projects in the field of Space Physics sponsored by Indian Space Research Organization (ISRO). Research & Development cell is forging ahead with a few more project proposals submitted to various agencies like DST, DBT for independent funding.



MBLM

## RESEARCH ACTIVITIES AT VBIT

VBIT has a recognized Ph. D. Centre under JNTU (H). Three full time research scholars are pursuing their Ph. D. in the center under the guidance of the Director, R & D. Two Research Projects sponsored by Indian Space Research Organization (ISRO) have just been completed with a few publications in high level journals. The projects 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 observations [~43 Lakhs].
- 2). Long term trends of atmospheric oscillations and their relationship with solar variability [~ 18 lakhs].

The Balloon flights required for the projects were carried out from the premises of VBIT which offered the students a unique opportunity to have some practical experience of such high level experiment. The balloon experiment program was inaugurated by professor S. Sathyanarayana, Vice Chancellor of Osmania University.

A new project has recently been sanctioned to the R&D center under Professor Gopa Dutta titled "Stratosphere-Troposphere Coupling Through Observations of ozone and water Vapour: Transport effects on the Vertical Distribution of Ozone" by the Department of Science and Technology (DST), Government of India for the next three years

Understanding the potential of research activity at VBIT, ISRO has installed a Mini Boundary Layer Mast (MBLM) in the premises of the college. This facility was inaugurated by the former Vice Chancellor of JNTU (H) Dr.DN.Reddy.

The R&D center has collaborated with National Atmosphere Research Laboratory (NARL), Gadanki to conduct a joint study on "Ionospheric Delay of Satellite Signals Measured by GPS Receiver". NARL has installed "Dual Frequency receiver experiment" at the R&D center of VBIT. B.Tech and M.Tech students of VBIT are taking up projects based on these facilities /data available at the College.

A unique CanSat program was conducted by the R&D center at the campus of the college. This program was the first of its kind in India. About 50 students from different branches of engineering participated in this design-build-launch program conducted in association with Dhruva space, Bangalore. CanSat is a miniature soda can size satellite with basically two systems: A payload and a re-entry container which protects the payload during the ascent. Students of VBIT built the payloads and flew them from the campus to a height of approximately 200 m. The rate of ascent/descent was controlled by unmanned aerial vehicle (UAV). Atmospheric data were collected and analyzed by the students. CanSat programs are organized internationally by various organizations across the globe like American Astronomical Society (AAS) and American Institute of Aeronautics and Astronautics (AIAA).

A National symposium "Current trends in Atmospheric Research including Communication And Navigation aspects (CARCAN-2012)" was organized jointly by R&D center and Department of ECE in the college premises during 21-22 December, 2012. The Symposium was financially supported by DST, MoES, CSIR and ISRO, Govt. of India. Prof. B.M. Reddy, (Hon) Scientist of NGRI, Hyd ; INSA (Hon) Scientist and chairman, National ST radar committee inaugurated the conference. Reputed scientists from length and breadth of the county presented invited and contributed papers to make the symposium a grand success. A book of abstracts and a symposium proceedings with ISBN number were published before and after the symposium. National Recognition has also been achieved by publishing a special issue of CSIR(SJR) journal "Indian Journal of Radio & Space Physics (IJRSP)" based on the deliberations in CARCAN-2012.



CARCAN



## AMENITIES

### Library and Information Centre

Library can accommodate more than 1000 students with a storage capacity of one lakh books. It hoards assorted books that interest 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.

At present, the Library, houses around 35,000 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 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 the systems in the institute.

**4 AV Class rooms are made available to make the students watch and listen to multimedia content for a better understanding of different subjects.**



### BROADBAND INTERNET

The Institute is provided with 20 mbps link and all the labs and departments function with internet.

### CONSUMER STORES

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 stores.

### MINERAL WATER PLANT

A mineral water plant with a capacity of 1000 litres/hour supplies drinking water to all the Institute. The drinking water at the Institute is safe and hygienic as per the standards.

### GENERATOR/UPS

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

### TRANSPORT

The college operates a fleet of 25 own buses driven by experienced drivers providing caring, safe and punctual transportation for students & faculty. The buses cover all 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.





## INFRASTRUCTURE

### SRUJAN BLOCK

Srujan Block, a sprawling four-storied building with a huge built up area of 80,000 sft, accommodates CSE, IT & EEE Departments. In addition to the spacious and well-ventilated classrooms & seminar halls and excellently equipped laboratories, this block also accommodates Chetana, a huge auditorium with a seating capacity of about 200, Sadhana and Sumedha – spacious seminar halls and Students Activity Centre (SAC).

### AVISHKAR BLOCK

Avishkar Block, with a built up area of 40,000 sft, is dedicated building exclusively for I B. Tech. classes. Apart from the aerated classrooms, drawing halls and the conference hall, this block also accommodates Physics, Chemistry and English Language Communications Skills Labs besides IT Workshop. At present, this block also houses MBA Department.



### PRASHASAN BLOCK

The heart of the institution, Prashasan Block houses Principal's, Chairman's and Secretary's Chambers apart from Administrative Office, Training & Placement Office and its Seminar Hall – Disha, Examination and Academic Sections and the Counselling Cell. The cellar of this block houses the sprawling Computer Centre with a built up area of 15,000 sft and Students Consumer Store catering to all the stationary requirements of the students. Library and Information Center, along with the Digital Library and Audio-Video classrooms, is on the first floor of this block that can accommodate 1000 students at a time. Independent R&D Center is also housed in this block



### NIRMITHI BLOCK

Meant exclusively for Mechanical and Civil Engineering Departments, Nirmithi Block has a built up area of 25,000 sft. In addition to the spacious and well-ventilated classrooms and drawing halls, this block also comprises adequately equipped laboratories like Heat Transfer Lab, Mechanics of Solids Lab, Metallurgy Lab, Fluid Mechanics Lab, Hydraulic Machinery Lab, Thermal Engineering Lab etc.

### AAKASH BLOCK

The AAKASH block is exclusively meant for Electronics & Communication Engineering Department. The total space of the building is 60000 sq.ft. accommodating the entire department including all the labs & workshop on the ground floor, class rooms, tutorial rooms, seminar halls & staff rooms on the first, second & third floors.

### VISHWAKARMA BLOCK

Vishwakarma block comprises the Engineering Workshop with facilities for carpentry, black smithy, tin smithy etc

### CHETHANA - AUDITORIUM

This recently renovated state-of-the-art auditorium can accommodate around 200 members. This vast auditorium is used for various college functions, guest lectures by eminent people and for different cultural programs on occasions like Independence Day, Republic Day and other cultural activities.

### TRUPTHI

VBIT has an excellent cafeteria for students as well as faculty. The aesthetically built cafeteria building, with 6000 sft built up area, can accommodate 250 people at a time so that many students can have food simultaneously without waiting for someone to make room.

## 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 conducted regularly to monitor the functioning of these cells.

## TOWARDS A BRIGHT CAREER

### Teaching Learning Process

Preparation of Academic Plans, Continuous Evaluation, Collection and Compilation of monthly attendance, Tutorials & Seminars, Multimedia classes, Need based Counseling of the students by faculty mentors, Collection and Analysis of Feedback from students and other stakeholders like recruiters, industry experts, alumni and parents are a few of the regular academic activities, in all the Departments. Feed back from Students, is used to provide constructive inputs to the faculty for enhancing their performance. Parent-Teacher meet is also, facilitated resulting in meaningful Interaction.

### Departmental Advisory committee

The Institute has constituted Department Advisory Committees for each branch of Engineering as well as for the Department of Business Management.

The Committee consists of the Principal, Head of the Department, a senior faculty member in the Department and two experts from Industry.

The DAC gives guidelines to make teaching learning process more effective in respective departments

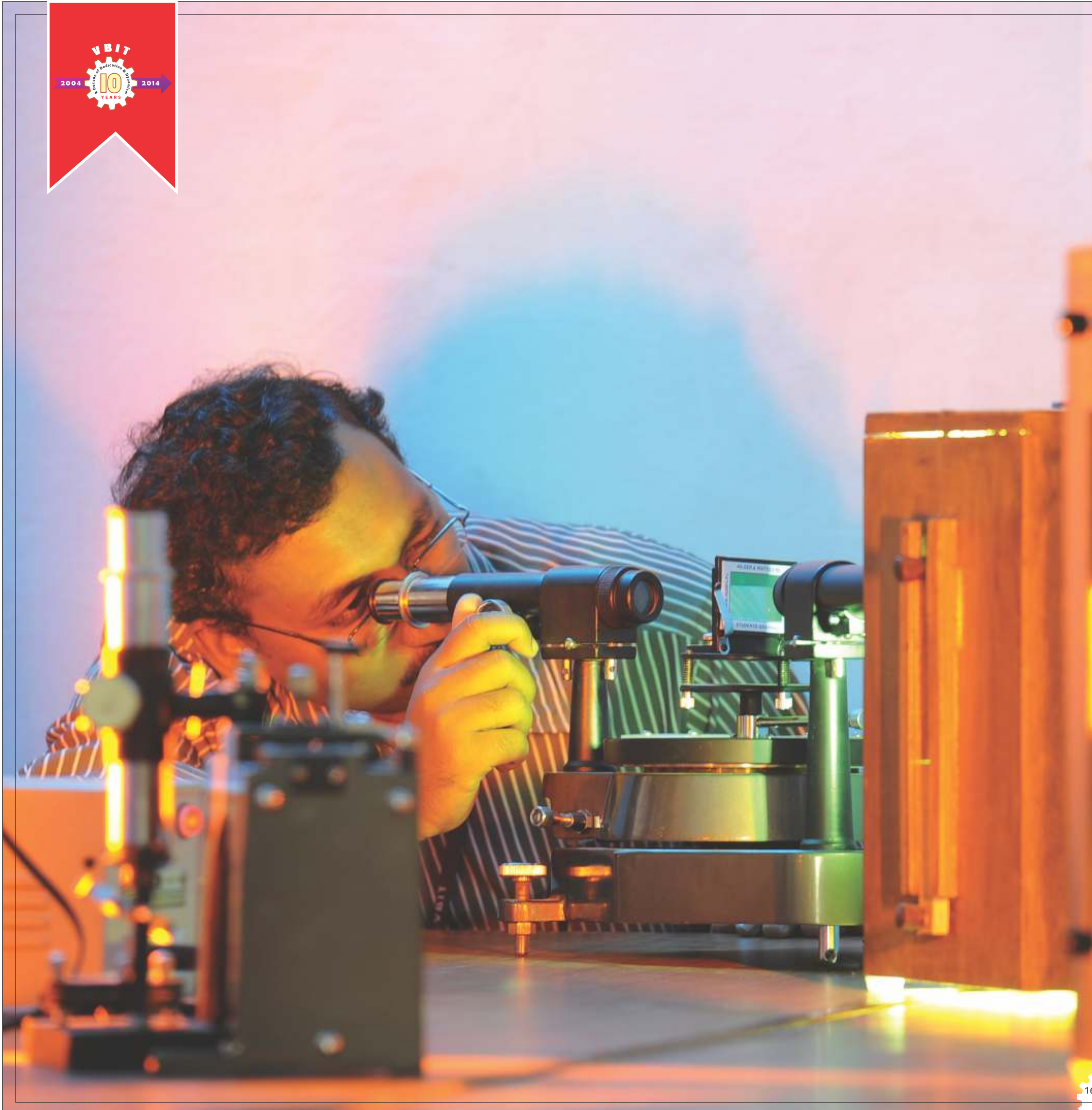
### Internal Quality Assurance Cell (IQAC)

The Institute has constituted this cell comprising academicians and industry experts to enhance the quality of technical education.

## E-CAP

A high-end software is used for e-Governance of the Institute. An array of information like attendance, examination results, library books, academic plans, lecture notes etc. is available for students and parents.





## MOTIVATING THE “PROFESSIONALS-TO-BE”

### Training and Placement

Thrust on skill upgradation 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.

Value Added Training program is organized every year to conduct classes on Soft Skills, Technical Skills like C,C++, JAVA and Reasoning Ability. These classes are included in regular timetable of II and III B.Tech. Apart from this, special training sessions focused on requirement of specific companies are conducted regularly throughout the year.

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

Our recruiters -On campus/Off campus- are Infosys, TCS, Mahindra Satyam Computers, CMC, Cognizent, Oracle Financial Services, SyntelInc., Subex, Sonata, HDFC Bank, Dell International, SmadurkInfotech, ING Vysya Bank, Performica Software, Netenrich Technologies, IBM, India Bulls, Ceasefire, APS, Bloom Soft, GGK Tech, Rofous Software, Infocomm Solutions, ITW Signode, Genpact, etc.

A three-day marathon of Indian Army recruitment needs a special mention to be made. Value Addition 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.

During 2011-12, HDFC selected the Institute as a pilot center for their GEP@IT National program. The objective of this program was to enhance Graduate Employability skills suits to IT sector. 26 students were trained as a part of this program who are placed in reputed companies at the end of the program

### 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, NagarjunaSagar Hydro Power Plant, Novartis, TCS, and NRSA /ISRO etc. The Institute has signed MOUs with reputed organizations like Center for Materials for Electronics Technology (C-MET) for advanced study in the Departments like FCE and FEE.





## STUDENTS ACTIVITY CENTER (SAC)

Institute has established Students Activity Center (SAC) with 22 student forums associated with it. Leadership quality among the students is being nurtured systematically through the excellent network of 2 professional bodies, 10 Academic forums and 10 extra and co-curricular clubs

## IEEE-THE PRESTIGE OF VBIT



The IEEE (Institute of Electrical and Electronics Engineers), a non-profit organization, is the world's leading professional association for the advancement of technology. VBIT has established a student Branch of IEEE IN 2007.

More than 200 students become members of IEEE every year. 3 societies (Computer Society, Communication Society and Power Energy society) and 1 affinity group (Women in Engineering) are associated with student branch of IEEE. This association has emerged as one of the very active campus organizations since its inception and is one of the **largest and successful student branches in the Asia Pacific Region.**

IEEE-VBIT student branch conducts weekly programs like group discussions, exhibition of technical movies, debates and paper presentations throughout the year. The IEEE wing organises the State level technical symposium every year on the campus in which more than 1000 students from different colleges participates in various technical and other activities.

VBIT is privileged to receive following State, National and International Awards during last 4 years:

- ▶ Outstanding student branch award for the year 2008-2009 and Vibrant Student Branch Award for the year 2009-10 out of total 75 branches registered in Hyderabad region, and also nominated for Exemplary Student Branch Award at R10 (Asia-Pacific) region
- ▶ Richard E Merwin International Scholarship Award from IEEE given for two years (2009-10 and 2011-12) for demonstrating outstanding involvement in an IEEE Computer society student chapter and Excellence in Academic achievement and promise in future efforts.- 1.Chaitanya Kumar Setty of IT branch(2006-10) 2.Karthik Siddawaram of CSE branch (2007-11)
- ▶ VBIT students are being selected for the post of IEEE-Hyderabad section student representative (SSR) from last four consecutive years
- ▶ IEEE-SB of VBIT has been selected for the prestigious Darrel Chong Student Activity Award (Gold Prize) for 2011.This is an international award with a global recognition, which is awarded annually to IEEE student branches that constantly encourage and motivate students to continue, innovate and implement meaningful ideas.
- ▶ Larry K.Wilson International Award (2013) in Asia Pacific Region for significant and consistent contribution to student activities
- ▶ Special feature on VBIT-SB in IEEE-International Publication "IEEE-Potential" (Volume-32, Issue-4, August 2013)
- ▶ Dr. C.R.N.Sarma, Branch Counselor, IEEE-VBIT-SB has received an outstanding IEEE-Branch Counselor Award in R-10 Asia Pacific Region for the year 2012-13.

## THE ENGINEERS' FORUM-IETE

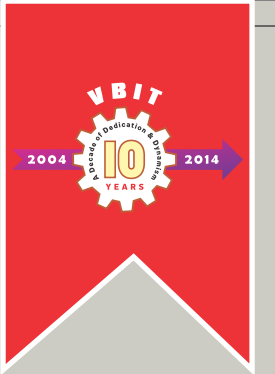
The IETE student forum of VBIT was inaugurated in 2008, which holds 147 students at present. It organizes various workshops and seminars on technical topics. Other activities under this forum are presentation of technical movies, quiz, paper presentations and elocution competitions round the year.

## BACKBONE OF VBIT

### Faculty

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 repute and research strength. Associate Professors and Assistant Professors are also a part of the Departments.

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 required as per the guidelines of AICTE and JNTU, Hyderabad.





## A COMPLETE TRANSFORMATION - AVISHKAR TO AAKAR

Avishkar is a paper presentation competition being conducted from last 7 years exclusively for freshers where more than 300 participants acquire the presentation skills every year. This is the same activity which received the appreciation from IEEE at international level in the form of Darrel Chong Student Activity Award(Gold Prize) in 2012

AAKAR is the exhibition cum competition of the projects and working models designed and developed by final year students. This is an event where outgoing students of each branch showcase their talent and technical skills. This gives them an opportunity of wide interaction with industry experts and academicians from various institutions.



## DYUTHI ..... THE RAY OF HOPE.

Dyuthi-The NSS unit sets an example as to how career and social responsibility should walk hand in hand in an engineer's life for a better cause. Activities being conducted are raising funds by selling Ugadi greeting cards for the educational expenditure of girls at VaidehiAashram (orphanage for girls), Blood donation camps, Health awareness camps in nearby villages, teaching Maths and English in nearby Govt. schools to prevent the dropout rate etc.

This unit was honored with the prestigious Governor's Award in 2012-13 during the State Government Republic Day Celebrations.

## BRANCH ASSOCIATIONS

Every Department has its own branch association which conducts various Department level activities like students seminars, group discussions, mock interviews, guest lectures, expert seminars, workshops and paper presentations. 8 branch associations are actively involved in making teaching-learning process more effective even beyond the four walls of the classrooms.

## COLLEGE NEWS LETTER

### STUTALK (Voice of VBITians)

Stutalk, a campus 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 tease the brains, humorous cartoons and jokes, etc. An editorial team of students looks after this newsletter in an attempt to shape their creative writing skills.

## THE ART FORUM-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 students' robotics models, Techno Quiz and a State Level Workshop on Robotics in collaboration with BITS, Pilani.

## MESSAGE THROUGH ACTIVITIES- HARITH

"Harith" Club organizes various programs like Eco Festival, Ozone Day to create awareness among the students about environmental issues. Aashay Club conducts regular screening of the classic movies, theme-based Film festival to sensitize the students about various social issues. This forum opens up new horizons to creative mind while pursuing their career.



## STUDENTS' PARTICIPATION AND ACHIEVEMENTS

During the last academic year more than 315 students participated in various inter-collegiate competitions and won the prizes. Organizations like INTEL ASIA, IIT and TCS have sponsored the projects of ECE 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

## OLD IS ALWAYS GOLD

### Alumni Association

To keep connected to the roots where the students have grown out from as professionals, 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.

An exclusive web link is created to compile the information of the Alumni. The information not only helps us to get connected with the students, but also keeps us informed of their career progress.



## BLOSSOMS FOREVER

### Vibha

Vibha, the Annual Day Celebrations, brings the students' innate abilities out and provides a perfect platform for their extraordinary talents. Various cultural competitions like Traditional Dress and Ramp, Dance, Singing etc. attract huge response from the students towards the end of every academic year.



## A SOUND MIND IN A SOUND BODY

### Physical fitness and Sports



The Department of Physical Education has qualified and trained Physical Director, Mr.M.Srinivasa Reddy, who is a National level Coach of Volley Ball and Chess. He has been a coach cum Manager for the JNTUH Inter University Chess Team. His able guidance won a Silver Medal at the National Level-and also acquired IV place in the South Zone Inter University. This made a room for JNTUH in the national map of chess. Under his dynamic supervision and training, students are encouraged to participate in a wide range of games and sports by providing all required facilities.

During the 2013-2014 academic year, 187 students participated in various sports activities like Cricket, Volley Ball, Kabbadi, Throw ball, Foot Ball, Soft 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 University, Inter Collegiate, Zone, State and National levels. Many VBITians represented JNTUH in various games & sports.

### Sports achievements for the year 2013-2014

- ▶ Secured first prize JNTUH Inter Collegiate Central zone Volleyball Tournament 2013-14
- ▶ Secured Gold medal in long jump in JNTUH-Inter Collegiate Central zone Athletic meet 2013-14
- ▶ Secured 3rd place in Vignan Mahatsov - Inter Collegiate Shot Put 2013-14
- ▶ Secured 3rd place in Vignan Mahatsov - Inter Collegiate Disc Throw 2013-14
- ▶ Secured 2nd place in Vignan Mahatsov - Inter Collegiate Throw Ball Tournament 2013-14
- ▶ Secured 1st place in JNTUH Inter Collegiate Zone-D Cricket Tournament 2013-14
- ▶ Secured 1st place in Olympiad state level Volley Ball Trophy
- ▶ Secured 1st place in Olympiad state level Cricket Trophy
- ▶ Secured 1st place in S.P.L State Level Volley Ball Trophy
- ▶ Secured 2nd place in TKR State Level Cricket Trophy
- ▶ Secured 1st place in TKR State Level Volley Ball Trophy
- ▶ Secured 1st place in JNTU Inter Collegiate Zone-D Volley Ball & Cricket Tournament
- ▶ Conducted JNTUH Inter University Soft Ball selection
- ▶ Conducted JNTUH Inter University Chess selection
- ▶ Conducted JNTUH Inter University Base Ball selection
- ▶ Conducted JNTUH Inter Collegiate D-zone Cricket Tournament

### Awards and Achievements in Sports and Games

Achievement	2007-08	2008-09	2009-10	2010-11	20011-12	2012-13	2013-14
No. of Awards (Winner/Runner Position) in Intercollegiate Tournaments at State/University Level	4	11	11	7	7	8	12
No. of students selected in University Teams	8	12	15	15	12	16	16

