

Where Quality Matters...

Estd. 2004

Counselling Code: VBIT<sup>TM</sup>



**VIGNANA BHARATHI**  
Institute of Technology

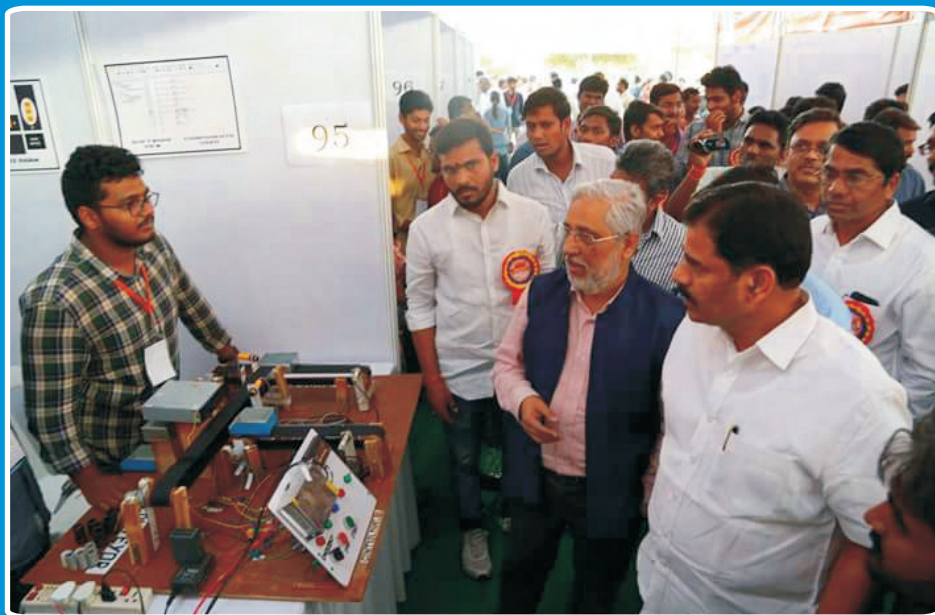
(Sponsored by Swamy Vivekananda Educational Trust)  
Approved by AICTE, Accredited by NBA & NAAC and  
permanently affiliated to J.N.T.U. Hyd.  
Recognised under 2(f) & 12(B) of UGC Act, 1956  
Aushapur (V), Ghatkesar (M), Medchal - 501 301, Telangana, India.  
Website : [www.vbithyd.ac.in](http://www.vbithyd.ac.in) • Ph: 7993453628, 7993453629

Accredited by  
NAAC with 'A'  
(CGPA of 3.23)

# Student Hand Book 2018-2019

NAME : .....  
ROLL NO : .....  
CLASS : .....  
BRANCH : .....





Participants explaining the concept of their projects to Dr. Anil Sahasrabudhe, Chairman, AICTE during Srujana-2018 - the largest Telangana state level exhibition of innovative working models designed by students - hosted by VBIT.



**Dr. N. Goutham Rao**  
Chairman

## Our 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.



**Dr. G. Manohar Reddy**  
Secretary

## Our Mission

To establish a strong institution by consistently maintaining state of the art infrastructure & a cohesive world class team by providing need based technical education.



## WELCOME NOTE

Dear student,

I congratulate all the students who have opted for Vignana Bharathi Institute of Technology to pursue their engineering education. The institution has come a long way since its inception in 2004.

Vignana Bharathi Institute of Technology (VBIT) has received Accreditation by NAAC (National Assessment and Accreditation Council) with 'A' grade and 3.23 CGPA which is the highest score among all the colleges nationwide participated in 1st window. This Accreditation process was conducted as per the revised Accreditation Frame work initiated by HRD Ministry in July 2017. Qualitative and Quantitative Metrics Assessment along with Student Satisfaction Survey were the key features of this revised Accreditation process. Out of 84 institutions of higher education that have participated in 1st window of this revised process of Accreditation, only 9 institutes including VBIT received A grade throughout the nation.



The previous few academic years made the entire family of VBIT proud with great achievements like the Accreditation by the NAAC and the NBA, 2(f) and 12(B) status from the University Grants Commission and a special grant from the Dept. of Science and Technology, Govt. of India. Under "Fund for Improvement of Science and Technology Infrastructure" (FIST) scheme. This grant being for 5 years, nurtures a common research facility to carry out multi-disciplinary studies in the Institution.

The Institution is aiming for yet another milestone by attaining the Autonomous status from the UGC during the current academic year.

VBIT is ragging-free zone. No stone is kept unturned to maintain discipline and several programmes are conducted to inculcate good values through lectures by eminent persons. The ultimate objective of the institution is to mould each student perfectly in academics and discipline so that he/she could serve the society as a good citizen.

In order to familiarize the students with all rules and regulations of the university with respect to admission, courses, facilities, examination etc., comprehensively a hand book is distributed for their exclusive use. I am very sure that the book would serve the purpose and would be very useful to the student.

I hope that the students will have a fruitful and happy stay at the college and all of us here wish them all the best in their pursuit to become quality Engineering Professionals.

Dr. G. Amarendar Rao  
Principal





## COURSES OF STUDY at B.Tech level

		<u>Intake</u>
Electronics and Communication Engg.	-	240
Computer Science and Engg.	-	240
Electrical and Electronics Engg.	-	120
Mechanical Engg.	-	120
Civil Engg.	-	120
Information Technology	-	60

## COURSES OF STUDY at P.G. level

Master in Business Administration (MBA)	-	120
M.Tech in Communication Systems	-	36
M.Tech in Embedded Systems	-	36
M.Tech in Computer Science & Engineering	-	36
M.Tech in Electrical Power Systems	-	18
M.Tech in Power Electronics and Electrical Drives	-	36
M.Tech in CAD / CAM	-	18



As part of the International Blockchain Congress, a grand Hackathon-IBC Hack 2018 is held in VBIT in the month of July 2018 with Idealabs as the official Hackathon Partner and knowledge partner.



## VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

( Approved by AICTE, Accredited by NBA & NAAC and Permanently Affiliated to JNTU, Hyderabad)

Aushapur(v), Ghatkesar(m), R.R.Dist.501 301

### MEMBERS OF THE GOVERNING BODY

1.	Dr. N. Goutham Rao, Chairman Swamy Vivekananda Educational Trust, Hyderabad	Chairman
2.	Dr. G. Manohar Reddy, Secretary Swamy Vivekananda Educational Trust, Hyderabad	Member
3.	Dr. A. Chennakesava Reddy, Professor of Mechanical Engineering & Director of University Foreign Relations, Nominee of JNTUH, Hyderabad	Member
4.	Dr. G. Satish Reddy, Scientific Advisor to Raksha Mantri and Director General, Missiles and Strategic Systems, Govt. of India	Member (Institute Nominee)
5.	Prof. V.Kamakshi Prasad, Professor, Dept. of Computer Science & Director of Evaluation, JNTUH Hyderabad	Member (Institute Nominee)
6.	Mr. J. V.Nrupender Rao, M.D., Pennar Industries, Hyderabad, Telangana	Member (Institute Nominee)
7.	Regional Officer (ex-officio) AICTE, South Central Region	Member
8.	Nominee of the Council	Member
9.	Director of Technical Education (ex-officio), Govt. of T.S	Member
10.	Nominee of the State Government	Member
11.	Dr. G.Amarendar Rao, Principal	Member Secretary
12.	Dr. J. Kulkarni, Vice Principal & Director, IQAC, VBIT	Member (Institute Nominee)
13.	Mrs. N.Indira Priyadarshini Assistant Professor, Dept. of IT, VBIT	Member (Institute Nominee)



## List of Important Phone Numbers

S.No.	Name of the Official	Designation	Phone No.
1.	Dr. G.Amarendar Rao	Principal	7993453633
2.	Dr. Jayant Kulkarni	Director IQAC and Vice-principal	9989395570
3.	Dr. D.Devendranath	Director, Academics	9701224229
4.	Dr. B.Brahma Reddy	Director, Extended Services	9640513924
5.	Dr. Gopa Dutta	Director, R&D	8374942302
6.	Dr.Ch.SLN. Sridhar	Director, Students' Affairs & HOD, H&S	7993453634
7.	Dr. K.Neelima	HOD, EEE	8374024567
8.	Dr. Pradeep Kumar Mallick	HOD, CSE	8895885152
9.	Dr.Sandeep Kumar Satapathy	HOD, IT	9861634473
10.	Dr.Y.Srinivas	HOD, ECE	9392184253
11.	Dr. S.Krishna Rao	HOD, CIVIL	9948035265
12.	Dr. G.Poshal	HOD, MECHANICAL	9948179321
13.	Dr. S.V.Ramana	HOD, MBA	9885572784
14.	Dr. Hari Krishna	Finance Officer	7993453626
15.	Dr. M. Srinivasa Reddy,	Assoc. Professor, Physical Education	9640105916
16.	Mr. G. Anil Kumar	Training & Placement	9705545666 / 7993453627
17.	Mr. D. Srinivas	Examination Branch	7993453630
18.	Mr. Palem Praveen	In-charge Central Facilities	9849239588
19.	Mr. G. Srinivasa Rao	Senior Librarian	9666656116
20.	Mr. S Narasimha Rao	Administrative Officer	7993453628
21.	Ms. G.A. Bhavani	Student Counselor	7993453629
22.	Mr. M. Dhruva Kumar	Admissions in-charge	9989353766
23.	Mr. K. Tukaram	Scholarship in-charge	7702724498
24.	Mr. S N Goud	Transport in-charge	7993453635
25.	Mr. Rajamouli	In-charge Boys' Hostel	7993453631
26.	Ms. Seetha Devi	In-charge Girls' Hostel	7993453632





**Team TEDx VBIT along with the distinguished speakers**



**Institute has received prestigious “TASK BEST PERFORMING INSTITUTION” award from Mr. Jayesh Ranjan (IAS) Principal Secretary of the Department of Industries & Commerce (I&C) and Information Technology (IT), Govt. of Telangana**





## GENERAL INFORMATION

### A. Location:

Established in 2004-05, by Swamy Vivekananda Educational Trust, this Institute is located in a 13.5 acre campus situated in Aushapur (V), Ghatkesar (M), Ranga Reddy (D), Hyderabad 501 301. It is 18 kilometers from Uppal Bus Depot Hyd.

### B. Growth of the Institution:

It has been an exhilarating journey for this Institution which has unfolded itself into an era of all-round development over a period of 11 years, crossing milestones year after year.

Started in the year 2004 with two academic programmes in ECE and CSE each with an intake of 60 (totaling 120), it has gradually expanded its academic programmes. In view of highly encouraging response from the aspiring youth of the society, it now runs 6 Engineering courses besides PG. programmes in ECE, CSE, EEE, MECH and Professional courses of MBA. The institution has come a long way since its inception in 2004. In the last two years the college has been accredited by the National Board of Accreditation, National Assessment and Accreditation Council and received permanent affiliation status by the JNTU, Hyderabad.

Commensurate with the gradually enhancing academic programmes, there has been spectacular improvement in infrastructural facilities in terms of total space (academic, administrative and amenity space), laboratories, adequately equipped with the state-of-the-art equipment, advanced software of latest version, well stacked Library and Information Centre and computing facilities. In addition we have qualified and competent faculty at all levels. The Institute has been making sincere endeavors to impart holistic and quality engineering and professional education and training.

### C. Future Plans:

This Institute, true to its progressive views and vision, has plans for continuous and sustained growth, as detailed below and gain the Numero uno status in all aspects.

1. To achieve Autonomous Status from UGC during the current academic year.
2. To establish a centre of excellence in applied engineering areas such as space science, solar energy etc.
3. To further strengthen and augment the infrastructural facilities to meet the expanded academic activities.
4. To strive vigorously to consolidate the industry-institute symbiosis through internship and other programmes.
5. To make unceasing efforts to take up external project consultancy and R & D activities by way of strengthening core competency in emergent and thrust areas and establishing Technology Development and Testing Centre.
6. To have a very pragmatically designed roadmap for transforming this institute as a centre and vital citadel of quality engineering and professional education and a happening and performing platform of activity to make a difference for our students and all other stake holders.



## D. Admissions

Under the overall control and supervision of Chairman, Telangana State Council for Higher Education (TSSCHE), the Convenor (Examinations) conducts the qualifying Entrance Test (EAMCET) for entry / admission into Engineering Degree programmes. Candidates with Intermediate qualification or its equivalent are eligible to appear for the above entrance test. It is under overall control and supervision of the Chairman, TSSCHE.

The Convener (Admissions) is responsible for conduct of counseling and allotment of these qualified candidates to various universities and private engineering colleges against the 70% of the sanctioned intake. The remaining 30% seats are to be filled by the management, scrupulously adhering to the rules and procedures, stipulated by Government of Andhra Pradesh.

Entrance Test is conducted for diploma holders (ECET). ECET qualified candidates are admitted directly at the 2nd year level of engineering degree programmes, under Lateral Entry Scheme. The seats for ECET qualified diploma holders are limited to 10% of the sanctioned intake, over and above the sanctioned intake. After the final counseling round by Convener (Admissions) and the cut-off date, thereto, the left over seats shall be filled up during spot admissions by the managements strictly in accordance with the procedures practices and norms fixed by the Convenor (Admissions).

Category	Admission Procedure	
Category A	EAMCET	70%
Category B	Management quota	30%
II year entry	Under Lateral Entry Scheme	20%

## M.B.A.

Admissions for 70% of the seats into M.B.A. are through ICET. For more information ICET prospectus may be referred. Admissions for the balance 30% seats are under Management Quota.

## E. Academic Regulations

The academic regulations will be given in detail in the syllabus book published by JNTU. All the students are advised to buy this syllabus book from the college store.

Some important changes in the academic regulations from 2018-19 are as follows:

The performance of a student in each semester / I Year shall be / evaluated with the maximum of 100 Marks for theory and 75 Marks for practical subjects. For theory subjects the distribution shall be 25 Marks for Internal evaluation and 75 marks for the end examination.

For all the years of B.Tech - Two mid exams will be conducted during one semester (10 marks for subjective + 10 marks for objective + 5 marks for assignments). Average of the two will be considered on final internal performance in the respective subject.



For M.Tech/MBA - Two mid exams of 40 marks each will be conducted during one semester. Better of the two will be considered on final internal performance in the respective subject.

### Minimum Academic Requirements

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned earlier.

A student is deemed to have satisfied the minimum academic requirements if he has earned the credits allotted to each theory/practical design/drawing subject/project and secures not less than 35% of marks in the end semester exam, and minimum 40% of marks in the sum total of the mid-term and end semester exams.

A student will not be promoted from I year to II year unless he/she fulfills the academic requirement of 50% of the credits in both the semesters of the I year. Likewise, in the subsequent years promotion to the higher classes is done subject to the fulfillment of minimum credits in each academic year.

### Course pattern

The entire course of study is for four academic years. All four years of the course shall be on semester pattern.

A student, eligible to appear for the end examination in a subject, but absent from it or has failed in the end semester examination, may write the exam in that subject during the period of supplementary exams.

When a student is detained for lack of credits/shortage of attendance, he may be re-admitted into the next semester/year. However, the academic regulations under which he was first admitted, shall continue to be applicable to him.



Street Cause VBIT has received Appreciation Certificate from Tribal welfare Department, Government of Telangana for installing Solar Street Lights in Komanpenta and Kollampenta Chenchu habitations inside Nalla Malla Forest, NagarKurnool District.



## RULES AND REGULATIONS

### 1. IDENTITY CARDS

- X An Identity card is issued to every student on admission. It should be produced for getting admission to
  1. Class Rooms
  2. Library
  3. Sports Room
  4. College Laboratories
  5. Examination Hall
  6. College or University Programmes.
- X Identity card is for student protection in a situation where his identity is challenged and should be produced on demand
- X If the ID Card is lost, the loss should immediately be reported to the Principal office. Store I/C will issue duplicate ID card after completing formal procedure.

Note : No student is allowed into the College Campus without wearing ID card.



Team of students (Aditya Srikanta sastry, K.L.N.Bhanu Teja, T.ajay Kumar, K.Vaishnavi, K.Akhilendra Kashyap) has won Best Public Choice Award in Smart City Hackathon 2018 organized by Government of Telangana.



## 2. ATTENDANCE

- m Period wise attendance will be sent to parents mobile everyday.
- m Monthly attendance report will be displayed on the Departmental notice board in the first week of every month. Students can also see their attendance through E-cap portal. Parents will be informed through SMS if attendance of their ward is less than 75%
- m A student has to put in a minimum of 75% of attendance in aggregate of all the subjects for acquiring credits in each semester.
- m Shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each Semester to be condoned by the Vice Chancellor on the recommendations of the sub Committee of the Academic Senate on valid and genuine grounds.
- m A student will not be promoted to the next semester unless he satisfies the attendance requirement of the present semester.
- m Shortage of Attendance below 65% in aggregate shall in no case be condoned.
- m Students whose shortage of attendance is not condoned in any semester / I year are not eligible to take their end examination of that class and their registration shall stand cancelled. They may seek re-admission for that semester / I year when offered next.
- m Condonation of shortage of attendance as stipulated in 6 (ii) above shall be granted on genuine and valid grounds with supporting evidence.
- m A stipulated fee shall be payable towards condonation of shortage of attendance.



Institute was awarded as Highest Team Idea Submission in Cisco IoT Hackathon which took place in grand finale at Bhuvaneswar, Odisha state.



### 3. DISCIPLINE / PUNCTUALITY

- S Students are expected to abide by the rules of the College and refrain from any activity that harms the dignity of the individual or casts a slur on the image of the institution. Any violation of the College norms shall be dealt with stringently and penal action shall be invoked accordingly. The cooperation of parents and guardians is essential in this regard.
- S All the students shall strictly observe the College time. If any student comes late, he / she shall not be sent to the class and attendance will not be marked for that hour.
- S If any one is found regularly late, administrative action shall be initiated, including suspension from classes.
- S If any student wants to leave the campus before the schedule time then he / she has to fill up a gate pass mentioning genuine reasons and should obtain the signature of the H.O.D concerned.
- S All the students should strictly adhere to the schedules specified for the submission of assignments, Laboratory reports, Seminar reports, Project reports etc. failing which students will be awarded academic punishments.
- S Schedule for payment of college fees should be strictly adhered to.

#### **The following acts of indiscipline are seriously viewed and call for disciplinary action.**

- i) Disorderly and obnoxious behaviour with fellow students and the staff of the College.
- ii) Resorting to unfair means in Examinations / Tests
- iii) Inviting outside persons to the College without appropriate permission.
- iv) Default in payment of tuition fee, transportation charges.
- v) Irregular attendance in class and internal exams.
- vi) Boycotting Classes / Tests / Examinations or demanding postponement of Classes / Examinations / Tests.
- vii) Damaging or tampering with properties and fittings or other installations in the College.
- viii) Mutilating / Stealing Library materials
- ix) Indulging in the activities which are termed as ragging.





## 4. CODE OF CONDUCT

### I. BEHAVIOUR

- A. Behave always in a dignified way so as to uphold the prestige and fair name of our college. Remember that your behaviour both within and outside the campus reflects on the Prestige of the College.
- B. Maintain decency and decorum in your dealings with others.
- C. Greet your teachers the first time you meet them in a day. Observe the same with your classmates and seniors.

### II. CLASSROOM

- A. After the five-minute recess between periods is over, wait for your teacher inside the class room and maintain silence; otherwise you may disturb adjacent classes.
- B. Avoid standing or loitering in the corridors since they are essential passages.
- C. While standing in the verandahs/corridors for any reason, leave space for others to walk freely and give way to teachers without their having to ask for it.
- D. Do not write on the black board without the permission of the teacher.
- E. Do not allow your friends to disturb you in the classroom except in emergency, unavoidable circumstances.

### III. DRESS

- A. Tuck in your shirt or slack into your trousers in the college premises.
- B. Wear shoes while attending College.
- C. Wear the prescribed dress in the workshop / laboratory classes.
- D. Do not wear fancy or gaudy dress while attending college. Bear in mind the Shakespearean maxim that the apparel (dress) oft proclaims the man.



## 5. RAGGING

Ragging is a cognizable and punishable offence. Any student found indulging in ragging will be dealt with severely as per the existing orders. It is to be noted that ragging in professional Colleges has been banned with in (or) outside the College Campus by the Govt. of T.S. Vide prohibition act, 1997. An extract of the ragging act is given below.

Ragging Act includes words either spoken / written (or) Sign / sounds gestures / Visible representation. Ragging means doing an act which causes or likely to cause insult, annoyance or fear apprehension / threat / intimidation/outrage of modesty or injury to a student.

A student against whom there is a prima facie evidence of ragging in any form will be suspended from the College immediately.



### Prohibition of Ragging in Educational Institutions Act 26 of 1997

#### Nature of Ragging

1. Teasing, embarrassing and humiliating
2. Assaulting or using criminal force or criminal intimidation
3. Wrongfully restraining or confining or causing hurt
4. Causing grievous hurt, kidnapping or rape or committing unnatural offence
5. Causing death or abetting Suicide

#### Punishment

1. Imprisonment upto 6 months or fine upto Rs.1,000/- or Both
2. Imprisonment upto 1 year or fine upto Rs.2,000/- or Both
3. Imprisonment upto 2 years or fine upto Rs.5,000/- or Both
4. Imprisonment upto 5 years or fine upto Rs.10,000/- or Both
5. Imprisonment upto 10 years or fine upto Rs.50,000/- or Both



## GUIDELINES - FACILITIES & OTHER FUNCTIONAL UNITS

### I. Examinations:

#### Internal evaluation tests Guidelines

- A. Students should carry their identity cards to the examination hall and produce the same when asked.
- B. Students should be seated in the examination hall five minutes before the commencement of the internal evaluation test.
- C. No student shall be allowed to leave the examination hall in the first ten minutes of the examination.
- D. They should ensure that they are answering the authorized question paper cum answer script by checking for the signature of the invigilator on the same.
- E. Students should personally hand over the answer scripts to the invigilator before leaving the examination hall.
- F. Students should not indulge in any malpractice in the examination.
- G. Students may note that one objective and one descriptive quiz examination of the same subject will be conducted in one day.
- H. Students are advised to verify their valued internal evaluation answer scripts for any discrepancies after their valuation, on or before the date announced by the teacher.
- I. Students should also check up the internal evaluation marks statements displayed on the notice board or on E-CAP portal regarding the correctness of the entries.
- J. Internal evaluation marks to be sent to the University are entered in a single statement in the same order as given in the registration forms and a copy of it will be displayed on the notice board and students should verify it and point out any discrepancies immediately through the head of the department for incorporation in the internal evaluation marks statement to be sent to the University.
- H. There will be three mid exams during the academic year(B.Tech 1st year) and two mid exams during the academic semester(B.Tech-II,III,IV year) for 25 internal marks(10 for descriptive, 10 for objective and 5 for assignments).

#### End Examinations:

- a) **Registration procedure for examinations:** Students are required to register for the University examinations by duly filling up the prescribed application form of JNTU and they have to undergo online registration. Once the online registration is complete they have to pay registration fee.
- b) While filling up the registration form, student should write his/her name and father's name correctly against the subjects for which he / she is registered
- c) Student should indicate correctly against the subjects for which he / she is registering.



- d) Students should not indulge in any malpractice in the examination. Malpractice cases are dealt as per the rules / guidelines supplied by the University / Nodal centre by a malpractice prevention committee consisting of the Principal, Head of the Department of the concerned branch (to which malpractice student belongs), officer incharge of examinations and subject expert teacher.

## II. Computer Centre :

- Internet facility will be available for all the students during & beyond college hours in computer centre. They can utilize this facility during free periods.
- Students should leave their footwear outside before entering the computer centre.
- Students should not enter the computer center with the personal belongings, like bags.
- They should maintain strict silence and cleanliness in the computer centre.



## III. Laboratories:

- Students are expected to be punctual and regular to lab classes.
- Students are expected to carry out all the experiments prescribed by the University.
- They will not be permitted to attend the end practical examinations unless they carryout the minimum number of experiments prescribed by the University.
- They should attend the lab fully prepared, with clear concept of the theory underlying the experiment and other experimental details with a pre-plan on how to carry out the experiment, after consulting the lab manual.
- Observation notebooks should be neatly maintained.
- Experiments must be recorded only in the books approved by the departments / college.



7. Observation notebook should be compulsorily shown to the teacher incharge of the lab and got signed by the teacher at the end of the experiment.
8. Records must be submitted as per the schedule prescribed by the teacher incharge of the lab.
9. Records must be got certified before appearing for the end examinations.
10. Student should not move from one table to another.
11. Student should handover the equipment to the technical staff in good condition before leaving the lab.
12. Students should maintain utmost cleanliness in the lab.
13. Breakages / damages to equipment should be reported immediately to the lab incharge.
14. Students are advised to clear all dues to the lab before taking end practical examinations and avoid complications at a later date.
15. Laboratory sessional marks will be awarded on the basis of continuous evaluation.
16. They should clear the work bench soon after the experiment is over.
17. Waste material, if any, should not be strewn on the floor of the laboratory. Students should use the waste material baskets kept for the purpose.
18. Experiments should be carried out following all the instructions meticulously and observing all the precautions to avoid personal injuries and damage to equipment.



#### IV. Tuition Fee

1. Students shall pay their tuition fee before the commencement of the class work for the corresponding academic year.
2. Fine shall be levied on students who have not paid the fee before the due date.
3. Student's name shall be removed from the rolls if he/she fails to pay the fee along with fine before the last date fixed for the same.
4. Fee once paid shall not be refunded.



## V. College Timings

College works for six days in a week with seven periods a day each of 50minutes duration. Every Second Saturday is a holiday.

For I B.Tech, MBA	Forenoon Session	Afternoon Session
	9.50am to 12.20pm	1.00pm to 4.20pm
For II, III, IV B.Tech and M.Tech	9.50am to 1.10pm	1.50pm to 4.20pm

## VI. Communication with Parents:

Parents will be communicated of the performance of their son / daughter / ward in attendance and examinations through SMS. Parents are advised to take follow up action and approach the college for any information / suggestions regarding their ward's conduct and performance in the college. In case of poor academic performance and / or attendance, the student and the parent / guardian should promptly respond to and comply with the reports and suggestions for improvement as and when informed.

## VII. Counseling & Mentoring to the students

The counseling cell consistently keeps track of three parameters (attendance, behaviour and performance) to identify the weak candidates for whom certain kind of counseling is needed. Mentoring is done (A teacher mentor for 20 students) based on percentage of attendance, performance in internal examinations and overall behaviour. Students are counseled and if necessary parents are also called for interaction.

## VIII. Mode of Transport to reach the institute:

Ever since the inception of the Institution, the Management has been providing transport facilities to the staff and students of this college. Commensurating with the growth and development of this institution, the transport facilities have been strengthened and expanded. At present a fleet of 29 buses have been engaged to commute staff and students of this Institution in 29 routes starting from the Institute to various locations in and around the twin cities.

## IX. Library

VBIT library is truly a learning center built with 2018.50 Sq.m. of carpet area spreading over two floors to accommodate more than 500 students at a time. The library stocks textbooks, reference books, journals, audio video lectures and project reports. The library subscribes to more than 125 national and international journals and has a very large collection of reference books on advanced disciplines that are aimed at developing students beyond their normal curriculum. In all, the college library has more than 25000 volumes and around 4500 titles covering various advanced disciplines pertaining to all the branches of engineering and management courses.

Digital Library is well equipped with 25 multimedia systems and server and uninterrupted power backup to access e-journals and e-books like IEEE digital library, DELNET, and Cengage Learning InfoTrat databases for the latest developments in the respective subjects.





The Library is equipped with four multimedia classrooms for conducting video lectures from eminent professors through NPTEL program. In accordance with the objectives of the Vignana Bharathi Institute of Technology, the library aims to develop a comprehensive collection of documents useful for the students, faculty and Research Community of the institution.

## X. Value Added Programmes

Apart from delivering high quality academics, VBIT believes in training its students in the technologies currently in demand in the industry in various branches of engineering. Intensive and hands-on training is provided to the interested students to make them industry-ready. Following are the various value-added Training Programmes currently offered to the students.

1. VBIT signed a Memorandum of Understanding (MOU) with SAP Education Partners to provide intensive hands-on training on SAP ABAP & MM modules for final B.Tech. students. VBIT is among the 10 organisations selected by Telangana Academy for Skill and Knowledge (TASK), Govt., of Telangana.
2. VBIT has partnered with CISCO to form NETACAD to provide certified training to the interested III & final B.Tech. students in various emerging technologies like Big Data, Cyber Security, Networks etc.
3. Intensive training is provided to all the interested III B. Tech. Civil Engineering students in StadPro software to facilitate a better understanding of analysis and design of structures. A good knowledge of this software will provide better career opportunities for the students.
4. As part of Makerspace programme, interested III B.Tech. students are trained in emerging IoT Technologies. As part of the training students are provided intensive hands-on training enabling them to participate in Hackathon competitions where they are provided opportunities to prepare and exhibit prototypes/working models prepared based on their original ideas.
5. Interested III B.Tech. Mechanical Engineering students are intensively trained providing the required hands-on experience in the Solid Works software to facilitate a comprehensive understanding of the digital manufacturing process. Knowledge of this software will not only be very useful for the students in carrying out their mini and major projects but also enhances their career opportunities.
6. All the IV B.Tech students of Dept. of EEE were provided intensive training on Embedded System Design in association with C-DAC, Hyderabad as part of the workshop conducted from 08-01-2017 to 23-02-2017.
7. Campus Recruitment Training classes are conducted for the students of III B.Tech. II Sem. & IV B.Tech. I Sem. Followed by assessment tests by Co-Cubes and Amcot.



## IEEE VBIT Student Branch

### About IEEE

The IEEE (Institute of Electrical and Electronics Engineers, Inc.), a non-profit organization, is the world's leading professional association for the advancement of technology.

### Who the IEEE Serves

Through its global membership, the IEEE is a leading authority on areas of engineering and emerging technologies. Members rely on the IEEE as a source of technical and professional information, resources and services. To foster an interest in the engineering profession, the IEEE also serves student members in colleges and universities around the world.

Other important constituencies include prospective members and organizations that purchase IEEE products and participate in conferences or other IEEE programs. The IEEE student branch at VBIT, under IEEE Hyderabad section was inaugurated in December 2006 with a membership of 67 students, two faculty advisors and branch counselor. The branch has been assigned a branch code STB 65451 and school code 45893584.

### Exemplary Student Branch Prize

IEEE – VBIT SB has been awarded the Exemplary Student Branch Prize in the entire Region 10 of the Asia-Pacific. This was announced during the IEEE Region 10 Congress held in Sri Lanka during 10-15 July 2015. It was a well deserved honour for the VBIT Student Branch, as it has finally bagged the prestigious prize the fifth time it has been nominated for it since its inception in December 2006. From the alumni to the present volunteers, everyone has played a part in this coveted achievement as it is apparent that team work has played a crucial role in this success story. The constant support by the college management and the direction given by the Branch Counselors Dr. P.S. Subramanyam, C.R.N. Sarma and Mrs. Ch. Sunita have proved to be detrimental in this success. It certainly is a proud moment for the Vignana Bharathi Institute of Technology (VBIT), as it went global in its achievements. Dr. N. Goutham Rao, Chairman, Dr G. Manohar Reddy, Secretary and Principal Dr. G. Amarendra Rao have lauded the efforts of the IEEE-Student Branch and wished the team many more successes in the time to come.

### Previous Achievements of IEEE – VBIT SB at International Level

- Exemplary Student Branch Award in Asia Pacific Region
- Richard E. Merwin International Scholarship Award from IEEE Computer Society (2009-11), (2012-13)
- Darrel Chong Student Activity International Award (Gold Prize) (2012)
- Larry K. Wilson International Award in Asia Pacific Region (2013)
- Outstanding Branch Counselor Award (2012-13) in Asia-Pacific Region (R-10) to Dr. C.R.N. Sarma
- Special feature on VBIT-SB in IEEE-International Publication "IEEE-Potential" (Volume-32, Issue-4, August 2013)
- WIE VBIT Student Branch Affinity Group has been declared as the recipient of an "Honorable Mention for the 2015 WIE Student Branch Affinity Group of the Year Award".



Vignana Bharathi Institute of Technology became one of the only a handful of professional colleges in Telangana to conduct the prestigious TED Talk event. TEDx VBIT has been conducted on the campus of VBIT on 17th February 2018. All the speakers, drawn from various walks of life, are unique people in their respective fields who made indelible impressions with their distinctive achievements. The theme of the TEDx VBIT was very aptly selected reflecting the unique lives and distinctive achievements of the speakers.

All the nine speakers of the day Nikhil Chandwani - a college dropout turned author and professor, Girish Kulkarni - founder of Snehalya Foundation working for the upliftment of prostitutes and their children, Patruni Chidananda Sastry a curious combination of classical dancer and a Data Analyst, Sandeep Mehto - a social entrepreneur and the founder of Bharat Calling, Roshini Kumar a cancer survivor and a successful fashion photographer, Rajeev an engineering graduate and the founder of the successful music band Take 5, Mana Mandlekar - the national Karate Champion hailing from a humble rustic background, Neelima Tirumalasetti - a Nandi Award-winning film producer and Sidharth Reddy Gauni a young engineer cum entrepreneur have shared with the audience their common experiences and the struggles of opting for the 'road not taken' and instead striking new paths of their own. All the speakers reached out to the audience with a strong message of the need to explore the road less travelled by and experience the true meaning and the joy of life.

The evening of the day also saw some foot-stomping music and dance performances along with a couple of stand-up comedies that sent the lively audience into raptures.

Diwaker and Manish of final B.Tech. led by the faculty-coordinator of the event Mr. DKM Sharma conducted the whole event in a highly professional manner. Dr. N. Goutham Rao-Chairman, Dr. G. Manohar Reddy-Secretary, Dr. G. Amarendra Rao, Principal, Dr. Jayant Kulkarni, Vice Principal were present for the inaugural.



Dancing is the new e-learning. How? Working as an Analyst in Deloitte (Hyderabad), Patruni Chidananda Sastry makes him relate business with dance. He's a Classical Dancer who loves to perform in boardrooms and business meeting, which allows his perspective as an artist to remain contemporary yet traditional. Dance is how he battles against the complexities of numbers and offers to new ways to visualize data to clients.

Sandeep is among the most inspiring young social entrepreneurs of India. He has represented India and the cause of youth leadership at various international platforms like G.S.V.C and DBS-NUS Singapore. He is providing SoCHE with expertise in community engagement across social upliftment projects. He is also the founder director of "Bharat Calling", an initiative in Itarsi (MP) and the co-founder as well as director of "Vikalp"- helping people to make informed career choices. Watch him telling you how and why he chose his #roadnottaken.



IT field to Film production how and why? Neelima Tirumalashetti is one of the leading producers in the Telugu Film Industry. She has produced the well know Pawan Kalyan's film called 'Panjaa' and 'Alias Janaki' which received the prestigious State Nandi awards for Best Director and the coveted Best Film in National Integration category.

Rajeev is the front man of the band called Take 5, which belongs to Hyderabad. He specializes in guitar and vocals. The band consists of other members, who are -3m (Cajon), Bobby (Keyboards), Sunny Joel (Drum). Watch how he chose passion as a profession, Engineering to Rock band.

Girish is a trained journalist and professor with S.P. Pune University. He is a pioneer for social change, a visionary and an inspirational leader. Girish holds a doctorate in Political Science and Public Management, as well as two masters in Politics and Sociology, and he was bestowed the President of India Award 2012 for his service to his country in the field of Social Work. He's the Founder of Snehalaya, a non-profit, charitable, philanthropic social service organization founded in 1989 with the objective of providing free professional health care facility and rehabilitation opportunities to the most neglected and exploited class of our society e.g. women victims of sexual exploitation & human trafficking.

Manna Mandlekar stands apart for being the first girl in her village to learn judo. The skills have given her the confidence to pursue a Master's degree in a village where girls drop out in class 8 because it is unsafe to travel to school in the next village. "I saw girls learning judo in a class across from my school six years ago and got curious. I learnt the classes were free, so went to sir and asked him if I could learn too and he said yes," says Mandlekar. "It gave me confidence and helped convince my parents that I could look after myself and travel alone."

Come listen to Mr. Gauni, once an RJ and marketing head for youth segment at 93.5 RED FM (Hyderabad Studios). A founder, managing & business partner, independent director - one heavy package filled with a sense of entrepreneurship. No doubt, this personality will sway you off your feet with his bulky set of experiences, having trodden the #ROADNOTTAKEN.

A Cancer victim who now is a really successful fashion photographer also promotes body positivity. She might be all of 25, but Roshini Kumar's innate love for life can inspire anyone to believe that life is worth fighting for. The spunky young girl was diagnosed with cancer at 14, but she wasn't one to take this as a let down. A freelance fashion photographer, Roshini loves capturing the beautiful facets of the fashion world from behind the lens. "I always had the passion for photography and used to click pictures of anything and everything I found interesting with my camera phone"; she says when she was asked what her inspiration was.

Nikhil Chandwani started his journey in the literary world with poems. He started his journey as a poet when he was five years old. However, it was the popularity of his international best selling novel 'I wrote your name in the sky and yours and yours too' that prodded him to unleash his creative potential to the fullest. He was shortlisted for the UK writers' forum award for his critically acclaimed book of poems titled 'unsung words'; and a poetic novel, 'Inked with love'. He is a vivid traveller and also working as a director for a travel documentary. From a college dropout to an Author, Director, Producer and a Professor...!!



## NEW INITIATIVES

### 1. Shodh - Incubation Center

To encourage the entrepreneurship skills among students and to help them in launching their Start-ups, the institute has established Incubation Center (Shodh) from current academic year.

### 2. Samvad - Counseling Center

As an extension to the existing process of mentoring the students, the institute is coming up with the idea of establishing an extensive student counseling center where a much needed and a meaningful one-on-one discussion can take place with the students in order to counsel, advise and guide them. A senior professor with rich academic and industry experience is put at the helm affairs of this center.

### 3. Value-Added Programmes:

A range of value-added programmes in the cutting-edge technologies are offered to the students to make them industry-ready and equip them to become entrepreneurs.

- ? The Institute signed a Memorandum of Understanding (**MoU**) with **SAP Education Partners** to provide training on SAP ABAP & MM modules for B.Tech students. **Institute is among the ten organizations selected by TASK**, Govt. of Telangana for this training.
- ? The Institute **established CISCO NETACAD (NET Academy)** through which students are trained with emerging technologies who went on to participate in **national level Hackathon competitions**.
- ? The Institute is a part of **Technology Entrepreneurship Program (TEP) initiated by Indian School of Business (ISB)** Hyderabad for the last two years. The participants of the institute have completed the training and are on the way to launch their startups.
- ? The Institute established an **exclusive IoT lab in association with Telangana Academy for Skill and Knowledge (TASK) and JNTUH**. Team of VBIT students consistently performed well at EXCITE program organized by JNTUH.
- ? The Institute has an active collaboration with J-HUB (JNTUH Innovation Center) to train the students to become entrepreneurs and encourage to set up their own start-ups.





Anil Kumar G, TPO has received "TASK BEST PERFORMING TPO" award from Mr. Jayesh Ranjan (IAS) Principal Secretary of the Department of Industries & Commerce (I&C) & Information Technology (IT), Govt. of Telangana



## **XI. Tutorials, Seminars, Assignments and Audio-Visual classes**

The prescribed syllabus of the University is taught in the regular scheduled classes. In order to provide wider scope and the application of a given module / topic, the students are taught in a separate open forum generally described as tutorial. The tutorial classes are expected to deal with the analytical and material strengths for a given module / topic and essentially the thorough understanding in the form of applications should be the output. This requires the appropriate subject strengths, planning and the deep concentration from both student and faculty. The student should also be able to work for various approaches to verify the outputs from a given unit / module. Conceptually tutorials were introduced to promote and cultivate the research approaches in student as well as faculty. Therefore, each faculty is required to work precisely with advance preparation to enforce the above concepts in an effective manner.

- q Each class will have 1 tutorial hour per week (per subject).
- q Separate tutorial sheets will be provided to the students.
- q Students should solve the tutorial problems only on these sheets.
- q Each tutorial will be assessed and graded by faculty based on performance. Proportionally the weightage will be added in internal marks.
- q At least one Assignment will be given based on 4 units which has to be submitted on the separate sheets provided to the students. Maximum of 5 marks will be given for these assignments.
- q Audio-Visual classes are conducted (2 classes per a week) regularly in well equipped AV rooms. This approach enhances the students knowledge of the subject in a more practical manner.

## **XII. Training & Placement**

The Training and Placement Cell provides placements in the leading MNC's and reputed industries. It guides and trains students in their career planning. It plays a challenging role in bridging the gap between Institute and Industry.

The Institute is a registered partner of Telangana Academy for Skills and Knowledge (TASK).

*The major functions are:*

- q AMCAT & COCUBE Assessments
- q Job placement for students through campus interviews.
- q Educational Tours to industries and places of technical importance.
- q Certificate Courses & Training programmes and workshops on career planning, job interviews, group discussions.
- q Special focus on Personality Development.
- q Assistance in Internship
- q Special guidance for army recruitment programs
- q Counseling for higher education
- q IOT Maker Space Incubation for III B.Tech. ECE, CSE, IT & EEE Students
- q ISB Entrepreneurship programme



### **XIII. Entrepreneurship Development & Career Guidance Cell:**

Keeping in view the mission statement of the management, an Entrepreneurship Development Cell has been set up, with the primary objective of promoting Entrepreneurship Development skills and the capabilities, among the budding and prospective Engineers of this college.

The EDP Cell, takes up the following activities:

1. To organize awareness camps, to counsel, motivate and sensitise the III & final B.Tech students to hone creative, problem solving and entrepreneurial skills and leadership qualities and capabilities.
2. To provide information about the type of projects, and products, which are reserved for small scale sector, and the support extended by the various Government agencies.
3. To encourage and motivate the students to takeup investigation on these EDP related projects and activities as well as to study in depth and takeup the same as their final year project work.
4. To motivate the students to go for self employment and entrepreneurship schemes, supported and financed by the Government and financial institutions.

### **XIV. Student Activities:**

#### **Professional Societies / Student Chapters**

- 1) The IEEE student branch at VBIT, under IEEE Hyderabad section was inaugurated in December 2006 with a membership of 67 students, two faculty advisors and a branch counselor. Through its global membership, the IEEE is a leading authority on areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics among others. Members rely on the IEEE as a source of technical and professional information, resources and services. To foster an interest in the engineering profession, the IEEE also serves student members in colleges and universities around the world. About 150 students enrolled as members for the academic year 2014-15.

IEEE Student Branch has established following forums and chapters in the institute:

- 1) Computer society 2) Communication society 3) WIE (Women in Engineering)
- 4) Power Electronics Chapter
- 2) IETE STUDENT FORUM was established in 2007-08. 125 students enrolled for academic year 2014-15.
- 3) A student chapter of AUTOMAAC for the Professional Society of Mech.Engg. was established in 2012-13. 60 students enrolled for the academic year 2014-15.



## Student Activity Centre (SAC)

College has established an active and efficient student activity centre, which is undertaking following activities throughout the academic year.

S.No.	Activity	Details
1.	<i>Stutalk</i>	Campus news letter
2.	<i>Dyuthi (NSS), Street Cause</i>	Social activity forums
3.	<i>Branch Associations</i>	8 active branch associations
4.	<i>Virinchi</i>	Forum for performing arts
5.	<i>Harith</i>	An Eco club
6.	<i>Sports Club</i>	Excellent Indoor & Outdoor games facilities
7.	<i>Ganith</i>	Exclusive Mathematics forum
8.	<i>Sowparnika</i>	Physics & Chemistry Forum
9.	<i>Aashay</i>	Film club
10.	<i>Srishti</i>	Literary club
11.	<i>Robotics club</i>	Forum of creative Technocrats
12.	<i>Alumini Association</i>	Network of Alumni
13.	<i>Swayam</i>	Study Circle
14.	<i>ISE</i>	Institute of Student Engineers



Dr.K.Neelima, Professor & HOD, Department of EEE has received Best Faculty Award in South Asian Education Awards-2018 organized by Education Expo TV held at Bangalore on 17th June, 2018.



## Sports and Games

Physical Education Department is manned by a well qualified and experienced Physical Director. The Institute has excellent Games and Sports facilities including well laid play grounds for out-doorgames of cricket, volleyball, badminton, basketball etc. Students participated in various sports events and won many medals and prizes at University, State, National and International level during the last nine years.

### Games and Sports policy

The Institute makes prompt efforts:

- b To identify talents of the students at the very first year level.
- b To provide opportunity to develop their talent
- b To encourage and support the students to participate at state, national and international level.

## National Service Scheme (NSS)-DHYUTHI

DHYUTHI NSS Unit: NSS Unit has been introduced in 2007-08 academic year under the approval of JNTU.

Following Programmes are conducted under this unit:

- b Blood Donation Camps
- b Aids Awareness Camps
- b Village Survey
- b Free Medical camps
- b Hygeine & Cleanliness Awareness programme in nearby villages.

## Student Welfare Activities

- b Student Welfare Fund is earmarked and set apart to meet the following student friendly objectives.
- b To help the needy students in pursuit of their Education and career development through an SC/ST Book Bank
- b Concession and transport facility for poor and deserving students.
- b DA/TA for students participating in inter University and interstate sports and games, paper presentations and technical conferences.

## Awards

- b Awards for Toppers in Attendance & Academics.
- b Best outgoing students from each final year branch.
- b Best student organizer
- b Toppers in GATE, GRE, TOEFL, CAT etc.
- b Sports and Games
- b Cultural events



## XV. Academic Certificates

The following academic certificates will be issued by the college at the time of the student leaving the institution.

- b Course completion/Study certificate (as applicable)
- b Transfer cum Conduct Certificate
- b Provisional Certificate and Consolidated Marks Memo
- b Degree Certificate

University issues consolidated marks memo and provisional certificate to students through the college. After completion of the course, students should apply for Provisional Certificate through the college. Soon after their receipt from the University, they will be given to the candidates. Degree certificate(original) will be issued by University of receiving the application from students.

## XVI. Auditorium and Seminar Halls

The College is well facilitated with six state of the art Seminar Halls with advanced audio systems and LCD Projectors.

Chethana Auditorium - 200	Sadhana Seminar Hall - 60	Drishti-Board Room - 50
Disha Seminar Hall - 120	Sumedha Seminar Hall - 60	SAC Seminar Hall - 25
Prerana Seminar Hall - 250		

## XVII. Canteen

The College is facilitated with a separate building for canteen with 6000 Sq.ft. Fresh snacks, beverages, and baked goodies are always available. While using the Canteen the students are expected to handle the furniture and other equipment with utmost care. Students, found idling away their time in the canteen during class hours, are liable to be punished.

## XVIII. Website

Our website, [www.vbithyd.ac.in](http://www.vbithyd.ac.in) is designed and maintained in the most interactive manner; it helps in establishing a virtual family of students, faculty, and parents.

### Placements for the Year: 2017-18

STUDENTS are placed in the following companies through on/off campus drives:

- Infosys
- IBM
- HCL
- Polaris
- Tata Consultancy Services
- ContenTerra
- Mphasis
- Fortune Infra
- Pramati
- Cyient
- CSC
- Osmosys
- Focus Academy for Career Enhancement
- Apps Associates Mindtree
- Amazon.in
- Dark Horse
- Eider Motors
- Genpact
- Tribro Softech Pvt. Ltd
- Mind Tree
- Morning Breeze
- Sutherland



## EXPECTATIONS FROM PARENTS

Parents should :

1. Be in regular contact with the Institute / Department regarding the progress of their wards and attend parents meetings without fail.
2. Please update the information regarding change in the phone number, residential address etc. by communicating it to the office / student counsellor.
3. At the end of every month attendance is updated. SMS is sent to the parents of the students falling short of 75% attendance. Instructions given in the report must be followed strictly.
4. **Students are prohibited from using cell phones in the class rooms. Strict disciplinary action is initiated against the students who misuse cell phones.**
5. Parents are advised to opt for college transport facility to avoid their ward coming late to the college.
6. Advise their ward not to indulge in any sort of mis-behaviour / ragging within or out side the college campus.



Cultural Programmes at  
VIBHA'18 - VBIT Traditional & Cultural Day





## EVENTS CONDUCTED DURING 2017-18

### College Level

30-03-2018 Visit to the institute by Dr.Anil D Sahasrabudhe, Chairman, AICTE.

Institute has hosted SRUJANA 2K18- A three day state level technical symposium organized by Akhil Bharathiya Vidyarthi Parishath (ABVP) from 30-03-2018 to 01-04-2018 in which events like working Models Exhibition, Paper Presentations, Short film Festival, Guest lectures by eminent speakers were conducted. Dr.Anil Dattathreya Sahasrabudhe, Chairman, AICTE was the chief guest for Inauguration. Dr.N.Yadaiah, Registrar, JNTUH was the chief guest for valedictory.

27-03-2018 VIBHA 2K18- College Annual Day celebrations was conducted on 27th & 28th march, 2018. Live Singing concert by Mr.Hemachandra, Ms.Sravana Bhargavi, Mr.Yasin Nazir, Ms.Sameera Bharadwaj was organized.

24-03-2018 Aakar-Final B.Tech Annual Project exhibition was organized in which 110 best projects from various Engineering departments were exhibited.

29-01-2018 Training & Placement, Career Guidance & Entrepreneurship Development Cell of VBIT in Association with TASK (Telangana Academy of Skill & Knowledge) has organized 05 day Faculty Enablement Program from 29-01-2018 to 02-02-2018 on "Best Practices on python Programming using RDBMS" in which 60 faculty members from various Engineering colleges have participated. Dr.Swamy, Director, TASK was the chief guest for the valedictory function.

26-01-2018 69th Republic Day celebrations were held at college campus. Dr.N.Goutham Rao, Chairman hoisted the national flag. Stutalk (Volume-11, Issue-02) was released on this occasion.

13-10-2017 NBA Expert team visited the institute for Re-Accreditation from 13-15 October 2017.

21-09-2017 Institute has organized two day Central Hackathon on Internet of Things (IoT) for II & III B.Tech students in association with IDEA labs.

04-09-2017 Institute has hosted Faculty Development Program on Cisco Certified Network Associate (CCNA) Module 3&4 from 04th to 16th September 2017 in which 17 faculty from various Engineering colleges across the nation have participated.



- 15-08-2017 70th Independence Day was celebrated in the college campus. Dr.N.Goutham Rao, Chairman hoisted the national flag on this occasion
- 02-08-2017 VBIT has organized 2 day workshop on IoT (Internet of things) for III B.Tech students in association with Idea Labs. Mr.Pankaj Diwan, CEO, Idea Labs was the chief guest for this event.
- 02-08-2017 Induction program for I B.Tech admitted students and their parents was conducted in the college campus. Dr.W.G.Prasanna kumar, Chairperson, National Council for Rural Institute was the chief guest for this event. Jignasa-Technical magazine (Volume-01, Issue-01) of the institute was released on this occasion.
- 25-07-2017 Faculty Forum of VBIT has organized a guest lecture on Career Enhancement in Technical Institutions by Mr.Srivathsa Rao, Senior Consultant, USA was the chief guest for this event in which 150 students and faculty members attended.
- 19-06-2017 CISCO IoT Hackathon 2017 was hosted at Vignana Bharati Institute of Technology (VBIT) from 19th to 21st June 2017 and the event saw 29 teams of five members each whose ideas got selected for participating in the event. The event is being organized by Trident Group of Institutions, Cisco Academic Support Center, headed by Mr. Shubajit Jayadev, with the support of Mr. Satya Ranjan Biswal, Mr. Sumanth Sahoo (Trainer&Instructor Cisco India), Mr. Pranay Agarwal,CEO, TIF, Mr. Daniel de Souza, Mrs. Saakshi Agarwal, Mr. Aruleshwaran, and Mr. Akanksh Reddy.

## Dept. of ECE

- 10-03-2018 Department of ECE has organized a guest lecture on Internet Connection Types for III ECE students by Mr.K.Manikyam, Manager, Tata Communications, Mumbai was the resource person.
- 04-01-2018 Department of ECE has conducted two day Lab View Hands on Workshop for II ECE students on 4th & 5th January, 2018. Dr.Manoj Kumar Sonker, scientist-E, DRDO, Hyderabad was the chief guest for this event. Mr.Uma Shankar, Assistant Professor, dept. of ECE, R.L.Jalappa Institute of Technology, Bangalore was the resource person for this workshop.
- 11-12-2017 Department of ECE & Electronics and ICT Academy, NIT-Warangal jointly organized one week Faculty Development Program on Advanced Wireless Communications and Networks from 11th December to 16th December, 2017 at college campus in which 60 faculty from various Engineering colleges were participated. Dr.B.N.Bhandari, Professor & Director, Academic and Planning, JNTUH was the key note speaker and chief guest for inauguration.



- 21-07-2017 Dept. of ECE has organized a guest lecture on Speech Processing in Wireless Environment for IV ECE students by Dr.V.Anil Kumar, Assistant Professor, IIT, Hyderabad.

## IETE

- 19-08-2017 IETE-VBIT SB has organized Vidhmaan-17 in which technical events like Disputandum, Disc etc and non-technical events like caricature, Logocazar, Grafico Presentationem etc were conducted. 80 students participated in this event.
- 03-07-2017 IETE-VBIT SB has organized a 3 day workshop on Ni-Lab View Hands on Workshop on Software Tools for IV ECE students from 03-07-2017 to 05-07-2017. Mr.Uma Shanker, National Instruments, Bangalore was the resource person for this workshop.

## Dept. of CSE &IT

- 09-03-2018 Department of CSE has organized one day workshop on Ethical Hacking & Counter Measures Attack by Mr.Sandeep Mudalkar, Cyber Crime Investigator, Sytech labs, Hyderabad in which 75 students have attended.
- 09-03-2018 Department of IT has organized one day workshop on Data science using R by Mr.Intisar Mehdi.
- 20-12-2017 Department of CSE & IT has organized Two Day International Conference on cognitive Informatics & soft Computing on 20th & 21st December, 2017 in which 146 faculty members from various states have participated and 97 research papers were presented and will be published in Springer journal-"Advances in Intelligent Systems and Computing". Dr.Gyoo Soo Chae, Professor, Division of Information & Communication Engineering, Baekseok University, South Korea was the chief guest for Inauguration. Dr.Pradeep Kumar Mallick, HoD, Dept. of CSE was the convener for this conference.
- 28-10-2017 Department of CSE & IT has organized a workshop on Information Security for III B.Tech students.
- 28-10-2017 Department of CSE & IT has organized a workshop on Data Visualization (Tableau) for III B.Tech students.
- 28-06-2017 Dept. of CSE & IT has organized workshop on Android Application Development for III CSE & IT students from 28-06-2017 to 08-07-2017. Ms.T.Priyanka, Coign Technologies Pvt. Ltd was the resource person for this workshop.



## Dept. of EEE

- 26-02-2018 Department of EEE has organized one week workshop on “Matlab Applications in Electrical Engineering” for IV EEE students from 26-02-2018 to 04-03-2018. Mr.A. Ramanjaneya Reddy & Mr.K. Ashok, SV Matlab Solutions pvt.ltd, Hyderabad are the resource persons for this event.
- 17-02-2018 Department of EEE has organized industrial visit to Nagarjun Sagar Power House in which 50 students from II EEE have attended.
- 24-01-2018 Department of EEE has organized a guest lecture on “Software Modeling and Applications to photo Voltaic Systems” by Mr.N.Manoj Kumar, Research Scholar, Department of EEE, University of Malaya, Malaysia for III & IV EEE students.
- 03-11-2017 Department of EEE has organized a guest lecture on “Overview of Machine Learning and Artificial Neural Networks” for III & IV B.Tech students by Dr.G.Ravindranath, Professor & Head, Matrusrri Engineering College, Hyderabad.
- 27-10-2017 Department of EEE has conducted guest lecture on “Industrial Automation” by Mr.E.Venkata Ramana, Head-Business Development, MEPAC3 Engineering Solutions Pvt. Ltd in which III & IV B.Tech students were participated.
- 06-09-2017 Department of EEE has conducted a guest lecture on “Internal structure of large thermal power Plants” by D.SubbaRao Manager (Operations), NTPC-Ramagundam.for III B.Tech students.
- 23-08-2017 Dept. of EEE has organized a guest lecture on Smart Grid Technologies by Dr. D.M. Vinod Kumar, Professor, NIT-Warangal in which IV EEE students were attended.

## Dept. of ME

- 08-03-2018 Department of Mechanical Engineering has organized a guest lecture Recent Innovations in Automobile Engineering by Dr.P.Ravi Kumar, Professor, Dept. of Mechanical Engineering, NIT-Warangal.
- 07-03-2018 Department of Mechanical Engineering has organized a one day workshop on Refrigeration and Air Conditioning in coordination with National Engineers Services from, Visakhapatnam
- 18-01-2017 Department of Mechanical Engineering has conducted one day Faculty Development Program on Engineering Drawing in which faculty members from various Engineering Colleges have attended. Dr.Rajendiran Sundaramoorthy, Former Scientist, DRDO & Professor, Department of Mechanical Engineering, Ashoka Institute of Engg. &



Technology, Hyderabad and Dr.G.Amarendar Rao, Principal, VBIT were the resource persons for this event.

- 27-10-2017 Society of Automotive Engineers (SAE) Student Branch of VBIT has conducted ANVESHAK-workshop and Hands on session on Assembly and Disassembly of Motor Bikes in collaboration with VAAHAN on 27th & 28th October 2017 in which 70 students participated.
- 17-10-2017 Institute of Student Engineering (ISE) Student Branch of VBIT has organized guest lecture on Cognize Entrepreneurship in which 90 students from various departments participated.
- 01-09-2017 Department of Mechanical Engineering has organized a industrial visit for IV B.Tech students to Central Institute of Plastics Engineering & Technology (CIPET), Cherlapally, Hyderabad.

### Dept. of CE

- 25-01-2018 Department of Civil Engineering has organized a workshop on "A Multi Purpose 3D Analysis and Design Program by using Spacegass Software" in which 90 students were participated. Mr.David Francis, Integrated Technical Software Pvt. Ltd, Spacegass software was the resource person for this workshop.
- 11-01-2018 Department of Civil Engineering has conducted Graduation Ceremony for 2013-2017 batch. Dr.P.Sravana, Professor, Dept. of Civil Engineering, JNTUH was the chief guest for this event.
- 21-09-2017 Department of Civil Engineering has organized a guest lecture on "Joys and wonders of Civil Engineering" by Dr.K.V.Jaya Kumar, Professor & Dean (Planning & Development), Department of Civil Engineering, NIT-Warangal for III & IV B.Tech students.

### Dept. of H&S

- 10-03-2018 Sowparnika-Physics & Chemistry club of VBIT has organized Science Exhibition in which various models prepared by I B.Tech students were exhibited.
- 28-02-2018 Department of H&S has organized a guest lecture on Magnetic Storage Devices by Dr.J.Surya Narayana, Associate Professor, Dept. of Physics, IIT- Hyderabad on the occasion of National Science day.
- 14-02-2018 Ganith-The Mathematics Club of VBIT has conducted EVOLUTE-2K18 in which activities like Selfie Math, Poker Quiz, Dumb C, Doddling, Mystery Snapper, Sudoko etc were organized on 14th & 15th February, 2018. 200 students from various branches were participated in this event. Dr.Acharya GRK, Professor, dept. of Mathematics, NIT-Warangal was the chief guest for the event.



- 03-08-2017 Orientation Programme was held on 3rd & 4th August for I.B.Tech students was conducted in which 700 students attended. Eminent Guests & Resource persons delivered lectures on this occasion

## Dept. of MBA

- 16-04-2018 Department of MBA has organized Swamedha- The Management Fest from 16-04-2018 to 18-04-2018 in which events like paper Presentations, Mockstock Exchange, Business Quiz, Ad Buzz etc were conducted. Mr.K.Muralidhar, DGM, Maxcure Hospital, Hyderabad was the chief guest for inauguration. Mr.A.R.Murthy, MD, Salubres Formulations pvt. Ltd. Was the chief guest for valedictory
- 24-03-2018 Department of MBA has organized Consumer Awareness Programme. Ms.Aparna, Manager, Canara Bank, Pocharam Branch was the chief guest for this event.
- 17-03-2018 Department of MBA has organized a guest lecture on B2B Marketing in Corporate Perspective by Mr.Viswanatha Reddy, Novartis.
- 08-03-2018 Department of MBA has celebrated International Women's Day. Dr.Sindhu, Professor of Management Studies, Chairperson, Board of studies (BoS) & Placement Officer, SMS, JNTUH was the chief guest for this occasion.
- 01-02-2018 Department of MBA has organized 03 day Entrepreneurship Development Program SRJANA2K18 from 01-02-2018 to 03-02-2018 for I & II MBA students in which various events were conducted.Mr.Sri Charan Lakkaraju, CEO, stumagz and Mr.B.S.Radha Krishna, Head Marketing, Jain Irrigation Ltd. Were the chief guests for Inaugural and valedictory functions respectively.
- 25-01-2018 Department of MBA has organized a guest lecture on Entrepreneurship for I & II MBA students by Mr. SVS. Lakshmi Narayana, Convener of INTACH.
- 20-11-2017 Department of MBA has conducted AICTE sponsored two week faculty Development Program on "Research Methodology in Management & social Sciences using SPSS" from 20th November 2017 to 04th December 2017 in which 70 faculty from various institutions were attended. Dr.N.V.Ramana Rao, Director, National institute of Technology-Warangal was the chief guest for the Inauguration. Dr.V.Shekar, Professor, Faculty of Management, Osmania University was the chief guest for the valedictory function.
- 14-11-2017 Department of MBA has organized industrial visit to Jain Irrigation Systems Limited and Pegasus Farmaco India Private Limited in which I & II MBA students have participated.



- 11-09-2017 Department of MBA has organized a guest lecture on "How to use skill & efficiency to become Successful" by Mr. SVS Lakshmi Narayana, Convener of INTACH for I & II MBA students.
- 23-08-2017 Department of MBA has conducted orientation Day for I Year MBA admitted students. Mr.Sricharan Lakkaraju, CEO of Stumagz was the chief guest for this event.
- 27-07-2017 Department of MBA has organized SWAMEDHA-The Management Fest for MBA students in which events like Business Quiz, Mock Stock Sales Game, Young Manager Contest etc were conducted
- 24-07-2017 Department of MBA has organized a guest lecture on "ENTREPRENEURSHIP -The Key Growth Driver" by Mr. G.V.V Sarma, Former General Manager- Novartis.

## R&D Centre

- 01-02-2018 Research & Development Center of VBIT has organized guest lectures on "Paris agreement- A key to combat extreme change over Asian Monsoon Region" & "Impact of Extreme Climate over Indo-Gangetic Plain, India" by Dr.Debhashish Nath, Associate Professor, Institute of Atmospheric physics, Beijing, China & Dr.Reshmitha Nath, Post Doctoral Fellow, Dept. of Earth system Sciences, Tsinghua University, Beijing, China respectively in which 60 faculty members were participated.

## IEEE

- 17-03-2018 IEEE-VBIT SB has organized Avishkar-2K18 (Unique Technical paper presentation) Inter Round Competition in which 30 teams from various engineering colleges were participated.
- 07-03-2018 Women In Engineering (WIE) affinity group of IEEE-VBIT SB has organized Art beat on the occasion of International Women's Day in which various activities like Pot & Poster painting, Clay Modeling, Wealth from Waste etc events were conducted in which 200 students have participated. Dr.P.Ravi Kumar, Professor, Dept. of Mechanical Engineering, NIT-Warangal was the chief guest for this event. Ms.Nirmala K Mondal, Talent Transformer, Ms.Dibya Maheshwari, Software Analyst, Accenture Solutions Pvt. Ltd, Ms.Percis Bobdoo, Nutritionist were the resource persons for this event.
- 30-01-2018 Power & Energy Society (PES) of IEEE- VBIT SB has conducted "TechnieThon" which is a project expo exclusively for II & III EEE students.
- 25-01-2018 IEEE-VBIT SB has conducted AVISHKAR-2K18, which is a decennial





year celebration (Intra-Collegiate round) in which 149 teams participated. The final round was held on 26-01-2017 for the 15 teams short listed from the prelims.

- 06-10-2017 Computer Society (CS) chapter of IEEE-VBIT SB has celebrated IEEE Day by organizing Pre-IEEE Xtreme (CODEX) event which is a coding competition on C, C++ & JAVA in which 80 students were participated.
- 20-09-2017 IEEE-VBIT SB has organized two day workshop on “3D Game Designing using Virtual Reality” on 20th & 21st September 2017 in which 50 students from various engineering colleges have participated.
- 24-08-2017 Communication Society (COMSOC) chapter IEEE-VBIT SB in association with Robotics Club has organized “Tech with ARDUINO” which is a hands – on session where the young minds were intended to comprehend on how to work with the ARDUINO in which 58 students were participated.
- 08-08-2017 Dept. of CSE & IEEE VBIT Computer society has organized an industrial visit to TCS, Hyderabad in which 60 students attended.
- 02-08-2017 WIE Affinity group of IEEE-VBIT SB has organized Star Kid event at Nemarugumula Zilla Parishad High school in which students of 5th ,6th & 7th standard were trained on Basic computer knowledge.

## Clubs & Forums

- 24-03-2018 Aashay-Film Club of VBIT has organized Short Film Competition in which 15 short films were screened. Sri.Raj Kandukuri, Film Producer was the chief guest for this event.
- 04-03-2018 Street Cause VBIT has conducted Punarbhava in which used books were collected from students and donated to orphanage students. This drive was conducted from 04-03-2018 to 10-03-2018.
- 22-02-2018 Robotics club of VBIT has organized Yantra Yojana 2K18 in which events like workshop on Drones, Artificial Intelligence, Designing, Assembling and Disassembling of Kart, Robot building etc were conducted from 22nd to 24th February 2018 in which 250 students from various Engineering colleges were participated.
- 17-02-2018 VBIT hosted TEDx Talks (TEDx=Technology, Entertainment, Design & X= Independently Organized TED event) in which 09 eminent speakers across the Nation have shared their experiences. The theme of this event is Road Not Taken. The TEDx Program is designed to help communities, organizations and individuals to spark conversation and connection through local TED-like experiences.



- 12-02-2018 Dyuthi-NSS Unit of VBIT has conducted NSS Special camp from 12th to 18th February, 2018 at Aushapur Village in which 72 volunteers were participated. Mr.K.Satish Mehar Kumar, NSS program officer & Associate Professor, Dept. of MBA coordinated this event. Various Activities were conducted in this camp
- 30-01-2018 Stumagz team of VBIT has conducted Townhall Meeting – an interactive session with Mr.Sri Charan Lakkaraju, CEO of Stumagz.
- 12-01-2018 Virinchi & Swayam Student forums of VBIT has organized National Youth Day celebrations and Sankranthi Fest in which Rangoli Competition, Kite Festival, Mr & Mrs Public Speaker events were conducted. Manam Newspaper in Association with Splash Event Management Private Limited has sponsored this event. Sakshi News Channel was the media partner.
- 10-01-2018 Dyuthi-NSS unit of VBIT has organized Blood Donation Camp in collaboration with Lions club in which 200 units of blood were donated by students. Dr.N.Goutham Rao, Chairman, VBIT has inaugurated the event.
- 02-01-2018 Dyuthi-NSS Unit of VBIT in association with Samskruthi Foundation has organized a guest lecture on Sayings and Messages by Swamy Vivekananda by Mr.J.Nanda Kumar, National Convenor of Pragna Vahini in which 200 students were participated. The programme was conducted on the occasion of the launch of Vivek Band – Season II conducted to celebrate the legacy, philosophy and ideology of the legendary Swami Vivekananda
- 24-12-2017 Blanket distribution drive by Street Cause VBIT team for old age people.
- 24-12-2017 School painting by Street Cause VBIT members at Government School, Sultan Bazaar, Koti, Hyderabad.
- 21-10-2017 Street cause VBIT has organized Bails Out- A fund Raiser box cricket tournament at Government College of physical Education, Domalaguda from 21-10-2017 to 23-10-2017 in which 31 teams were participated.Sri.Bhandaru Dattathreya, central cabinet Minister was the chief guest for this event.
- 21-07-2017 Dyuthi-NSS unit of VBIT has organized Harithaharam, in which 200 saplings were planted in and around the campus. Mr.G.SreeRam, C.I, Ghatkesar Police Station was the chief guest for this event.



## SPORTS ACHIEVEMENTS FOR THE YEAR 2017-18

- VBIT secured 2<sup>nd</sup> place in KREEDA 2K18 Volleyball (Men) Tournament conducted by Tirumala Engineering College, Bogaram (V), Keesara (M), Medchal District from 19<sup>th</sup> to 20<sup>th</sup> February, 2018.
- VBIT secured 1<sup>st</sup> place in KHEL 2018 Carroms (Singles) Tournament conducted by Aurora Engineering College, Bhongir (V), Bhongir (M), Yadadri Bhuvanagiri District from 21<sup>st</sup> to 24<sup>th</sup> February, 2018.
- VBIT secured 1<sup>st</sup> place in KHEL 2018 Carroms (Doubles) Tournament conducted by Aurora Engineering College, Bhongir (V), Bhongir (M), Yadadri Bhuvanagiri District from 21<sup>st</sup> to 24<sup>th</sup> February, 2018.
- VBIT secured 2<sup>nd</sup> place in KHEL 2018 Kabaddi (Men) Tournament conducted by Aurora Engineering College, Bhongir (V), Bhongir (M), Yadadri Bhuvanagiri District from 21<sup>st</sup> to 24<sup>th</sup> February, 2018.
- VBIT conducted JNTUH Inter Collegiate Zone-D Cricket Tournament from 26<sup>th</sup> February to 9<sup>th</sup> March, 2018.
- VBIT secured 1<sup>st</sup> place in JNTUH Inter Collegiate Zone-D Cricket Tournament conducted by Vignana Bharathi Institute of Technology, Aushapur (V), Ghatkesar (M), Medchal District from 26<sup>th</sup> February to 9<sup>th</sup> March, 2018.
- VBIT conducted JNTUH Inter Collegiate Zone-D Foot Ball Tournament on 8<sup>th</sup> and 9<sup>th</sup> March, 2018.
- VBIT secured 2<sup>nd</sup> place in JNTUH Inter Collegiate Zone-D Foot Ball Tournament conducted by Vignana Bharathi Institute of Technology, Aushapur (V), Ghatkesar (M), Medchal District on 8<sup>th</sup> and 9<sup>th</sup> March, 2018.
- VBIT conducted JNTUH Inter Collegiate Zone-D Tournaments on 8<sup>th</sup> and 9<sup>th</sup> March, 2018.
- VBIT secured 1<sup>st</sup> place in JNTUH Inter Collegiate Zone-D Volley Ball Tournament conducted by Vignana Bharathi Institute of Technology, Aushapur (V), Ghatkesar (M), Medchal District on 8<sup>th</sup> and 9<sup>th</sup> March, 2018.
- VBIT secured 2<sup>nd</sup> place in JNTUH Inter Collegiate Zone-D Badminton (Shuttle Doubles) Tournament conducted by Vignana Bharathi Institute of Technology, Aushapur (V), Ghatkesar (M), Medchal District on 8<sup>th</sup> and 9<sup>th</sup> March, 2018.
- VBIT secured 2<sup>nd</sup> place in JNTUH Inter Collegiate Central Zone Cricket Tournament conducted by JNTUH, Hyderabad from 11<sup>th</sup> April to 13<sup>th</sup> April, 2018 at TKR College of Engineering and Technology, Meerpet, Hyderabad.



## **VBIT STUDENTS SELECTED AS INTER-UNIVERSITY PLAYERS DURING 2017 – 2018**

- Mrs. Pujitha Mohan (I MBA) of this College represented by JNTUH South Zone Inter University Badminton Tournament conducted by Andhra University at C.R.Reddy Engineering College, Eluru, A.P State from 04<sup>th</sup> to 8<sup>th</sup> November, 2017.
- Mr. G.Venu Gopal (I MBA) of this College represented by JNTUH South Zone Inter University Volley Ball Tournament conducted by SRM University at Chennai, Tamilnadu State from 23<sup>rd</sup> to 28<sup>th</sup> December, 2017.
- Mr. Sivananda Reddy (I B.Tech) of this College represented by JNTUH All India Inter University Athletics Tournament conducted by Nagarjuna University at Nagarjuna Nagar, Guntur, A.P State from 11<sup>th</sup> to 16<sup>th</sup> December, 2017.
- Mr. Shashank Reddy (I MBA) and Mr. Prasanth (I MBA) of this College represented by JNTUH South Zone Inter University Ball Badminton Tournament conducted by Yogi Vemana University at Kadapa, Kadapa District, A.P State from 27<sup>th</sup> to 31<sup>st</sup> December, 2017.
- Mr. Rohan Yadav (II MBA), Mr. Chaitanya Krishna (II MBA), Mr. T.P.Anirudh (II MBA), Mr. G.A.Sashidhar Reddy (I MBA) and Mr. Shravan Kumar (I MBA) of this College represented by JNTUH South Zone Inter University Cricket Tournament conducted by Andhra University at Visakhapatnam, Visakhapatnam District, A.P State from 4<sup>th</sup> to 9<sup>th</sup> January, 2018.
- Mr. J.Swamy (II MBA) of this College represented by JNTUH All India Inter University Softball Tournament conducted by Maharshi Dayanand University at Rohtak, Haryana State from 23<sup>rd</sup> to 28<sup>th</sup> February, 2018.

## **ACHIEVEMENTS OF THE PHYSICAL DIRECTOR 2017-18**

### ***Dr. M. Srinivas Reddy***

- Held responsibilities appointed as the member of the Selection committee to select the university Volleyball team on 9<sup>th</sup> December, 2017 at JNTUH university campus.
- Held responsibilities as Referee of Senior Inter-District Championship Tournament to be held at Peddapalli, Peddapalli District from 18<sup>th</sup> to 21<sup>st</sup> January, 2018.
- Held responsibilities as Selection Committee to select the Telangana State Mini Volleyball National Team on 29<sup>th</sup> March, 2018 held at MLR Institute of Technology, Dundigal, Hyderabad.
- Held responsibilities as a Chief Coach for Telangana State Mini Volleyball National Team on 24<sup>th</sup> April, 2018 to 28<sup>th</sup> April, 2018 held at Aizwal, Mizoram State.



Team of Students (Vishnu Panjala, Sri Nikhil Racha, Hanisha, Jyosthna, Sri Harsha Potar, Pravallika) has won 1st Runner up in Smart India Hackathon 2018 organized by Department of MHRD, Govt. of India & AICTE at Noida Institute of Engineering & Technology, Noida. They worked on problem statement given by Sikkim Govt. "Connecting student volunteers to various social schemes and programs".



## R & D DEPARTMENT

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. The faculty members are also trained in the current technological and research trends. The R&D cell is headed by Dr. Gopa Dutta, an internationally reputed scientist and the principal investigator of projects in the field of Space Physics sponsored by Indian Space Research Organization (ISRO) and Department of Science and Technology (DST), Govt. of India. R&D Cell is forging ahead with several projects funded by agencies like DST, DBT and MOES.

### Completed Projects

1. A Campaign to investigate atmospheric dynamics including exchange processes over Indian tropical region (8.50 N, 8.70 N, 13.50 N, 17.40N), using high altitude balloon data, radar and lidar observations. The project was funded by ISRO under CAWSES Program.
2. Long term trends of atmospheric oscillations and their relationships with solar variability ISRO(under CAWSES-II Program) 16 lakhs

### Ongoing Projects

1. Stratosphere-Troposphere coupling through observations of ozone and water vapor: transport effects on the vertical distribution of ozone Dept. of Science & Technology, Govt. of India
2. ISRO has evolved a programme through which financial support is provided for conducting research and development activities related to Space Science, Space Technology and Space Application to academia in India. This programme of Research Sponsored by ISRO is called RESPOND. The aim of RESPOND is to encourage quality research in areas of relevance to the Indian space programme. RESPOND (Sponsored Research) programme started in the 1970s aims at encouraging academia to participate and contribute in various space related activities. Under RESPOND; projects are taken up by universities/academic institutions in the areas of relevance to Space Programme.
3. The Research & Development (R & D) Center of Vignana Bharathi Institute of Technology (VBIT), Hyderabad has been sanctioned a grant of Rs. 30 lakhs under the FIST (Funds for Improvement of Science & Technology infrastructure) program of DST (Department of Science and Technology), Govt. of India. Faculty members and M. Tech. students are using this center for their research and project work. VBIT is one among only three colleges within Telangana and AP which received the grant under "FIST – 2014" program of DST.

### Collaborative Studies

A Mni Boundary Layer Mast (MAST) has been erected in association with (Indian Space Research Organisation (ISRO) on the VBIT Campus to collect the atmospheric data which is sent to a receiving station at ISRO at regular intervals.

VBIT has collaborated with the National Atmospheric Research Laboratory (NARL), Gadanki, to carry out a joint study on ionospheric delay of satellite signals measured by GPS Receiver System.



UGC  
University Grants Commission

**UGC sanctioned 7 minor  
research projects worth  
Rs. 11,33,000 to the Institute.**







# Major Achievements

S.No.	ACHIEVEMENTS	
1.	Vignana Bharathi Institute of Technology (VBIT) has received Accreditation by NAAC (National Assessment and Accreditation Council) with 'A' grade and 3.23 CGPA which is the highest score among all the colleges nationwide participated in 1st window.	
2.	VBIT has been accredited by NBA and is permanently affiliated to JNTUH and is recognised under 2(f) & 12(B) of UGC Act, 1956.	  
3.	<b>IEEE International Awards</b> <ol style="list-style-type: none"> <li>Exemplary Student Branch Award in Asia Pacific Region (2015)</li> <li>Richard E. Merwin International Scholarship Award from IEEE Computer Society (2009-11), (2012-13), (2015-16)</li> <li>Darrel Chong Student Activity International Award (Gold Prize) (2012)</li> <li>Larry K. Wilson International Award in Asia Pacific Region (2013)</li> <li>Outstanding Branch Counselor Award (2012-13) in Asia-Pacific Region (R-10) to Dr. C.R.N. Sarma</li> <li>Special feature on VBIT-SB in IEEE-International Publication "IEEE-Potential" (Volume-32, Issue-4, August 2013)</li> <li>WIE VBIT Student Branch Affinity Group has been declared as the recipient of an "Honorable Mention for the 2015 WIE Student Branch Affinity Group of the Year Award".</li> <li>IEEE-VBIT SB has bagged 2nd position in IEEE Region 10 (Asia-Pacific) website contest 2017</li> </ol>	  
4.	<b>IEEE Regional Awards</b> <ol style="list-style-type: none"> <li>Vibrant Student Branch Award (2009-10)</li> <li>Outstanding Student Branch Award (2010-11)</li> <li>Section student representatives from VBIT for consecutive 6 years (2009-15)</li> <li>IEEE Day Brand Ambassador (2013 &amp; 2014)</li> </ol>	
5.	Power & Energy society (PES) of IEEE-VBIT SB has been awarded as High Performing student Branch Chapter Program (HPSBCP) for the year 2016 under Asia-Pacific Region R10.	
6.	AICTE has approved the institute as a center for Pradhan Manthri Koushal Vikas Yojana (PMKVY) where unemployed youth from near by areas can be trained in 4 vocational disciplines.	