#### CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A): HYDERABAD

23<sup>th</sup> February, 2019

### ANNUAL REPORT - SHRUTHI-2019

I heartily welcome you all to the Ruby Jubilee Celebrations of CBIT !!! - Shruthi-2019.

First of all, I congratulate all the faculty, students and staff members of this Institution for achieving milestones in the academic year 2018-19.

I am delighted to say that CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY is celebrating it's 40<sup>th</sup> year of establishment (Ruby Jubilee Celebrations).

I am pleased to state that the Institute continues to be ranked as First among the top Private Engineering Institutions in the State of Telangana & ranked 7<sup>th</sup> in Top 20 Engineering Colleges in South Zone and 31<sup>st</sup> among the top 150 Engineering Institutions in India as per the survey conducted by i3RC Times Engineering Top Private Engineering Institutions rankings, released on 28.05.2018.

CBIT ranked 35<sup>th</sup> out of top 100 Engineering Colleges in the country and First in the State as per the survey conducted by the "OUT LOOK" Magazine June 2018 edition.

CBIT ranked 59<sup>th</sup> out of top 100 Engineering Colleges in the country including IITs & NITs and 1<sup>st</sup> in Telangana State and 16<sup>th</sup> among the Top Private Engineering colleges in India and 11<sup>th</sup> among the Top Private Engineering Colleges in South Zone as per the Survey conducted by "THE WEEK" Magazine June 2018 edition.

#### Academics:

CBIT is offering BE / B. Tech. in 9 branches of Engineering and Technology (Civil, Mechanical, Production, Chemical, Biotechnology, Electrical and Electronics Engineering, Electronics & Communication Engineering, Computer Science & Engineering and Information Technology), 8 ME / M. Tech. in specializations (Structural Engineering, CAD/CAM, Thermal Engg., Power Systems & Power Electronics, Communication Engg., VLSI & Embedded Systems, IT (CNIS) and Computer Science) and MBA & MCA altogether 5000+ students on campus.

Five Departments i.e., Mechanical, Civil, Electronics & Communication Engg., EEE and Computer Science are recognized as Research Centres by the Osmania University.

The institute has 286 well-qualified, highly committed and dedicated faculty out of which more than 100 are Ph.D. holders and 248 experienced and committed supporting & technical staff. In addition to this, around 10 faculty submitted their thesis and 15 members were awarded their Ph.D. degrees in this academic year. 24 Ph. D. scholars awarded their Ph.D. degrees under the guidance of our faculty.

All 9 UG Engineering and 5 PG Engineering Programmes are accredited by NBA where as all the UG Engineering programmes are accredited for 5<sup>th</sup> time. CBIT is accredited by NAAC twice and secured A grade by UGC for five years.

CBIT strives to innovate its academic activities viz., introducing CBCS curriculum and implementing Model Curriculum notified by AICTE from the academic year 2019-20, in a bid to generate the kind of intellectual capital that will keep the Institute up-to-date on the technological front. In this connection, I would like to inform that we are submitting application for UGC to obtain Deemed to be University status to CBIT this year.

CBIT attracts the best students from the State of Telangana and all other States in India for its Bachelors & Masters programmes. The Institute provides high quality education and ensures it's students are also of exceptionally high quality.

Our students are exposed to challenging, research-based academics and a host of sport, cultural and organizational activities on the vibrant campus. The presence of research facilities, institute-industry collaborations, international exchange programmes, interdisciplinary research collaborations and internship opportunities help the students of CBIT to excel and be ahead in the competitive professional environment. In the 40 years of its existence, more than 30000 students have graduated from CBIT.

In this connection, I would like to inform that we have awarded **24** Gold Medals for the 2017-18 passed out batch and also awarding **93** Silver Medals for the students who achieved highest marks in the previous Academic year.

The overall pass percentage for the academic year 2017-18 is 93.56 which includes 611 distinctions and 543 First Classes.

Now, I would like to place on record the outstanding work done by the faculty and the staff members of the Institute in strengthening teaching and research programmes.

#### Other new initiatives during this year are:

- ✓ Introduced Biometric Attendance System for UG students.
- ✓ Established Informal Sanskrit Learning Centre in which Certificate will be issued by MHRD
- ✓ Introduced MOOCS courses
- ✓ Established NPTEL Local Chapter

### Research Activities:

CBIT has registered steady growth in Research & Development activities during this academic year. To enhance research activities and cultivate pleasant research atmosphere, a multi-crore state of the art building with all modern technical facilities is established in August 2018. It accommodates all departments to carry out advanced research. All research activities are being streamlined to make a mark in 'Make in India' concept of Indian Government. Independent space is provided to each department to encourage both individual and collaborative research for the execution of both Sponsored/ Consultancy projects.

In addition, individual departments are encouraged to setup 'Centres of Excellence'. One such centre 'Navigation and Communication Research Centre' is established and is executing several sponsored/consultancy projects from DRDO, ISRO, AICTE etc., A total of Rs.1,42,67,462/- worth of on-going projects have been sanctioned to the Institute from different funding agencies.

## **Consultancy Activity:**

Consultancy activities were taken up for Government, public sector and industry, The types of consultancy provided included expert advice, product/process/ software development and analysis. A total of Rs. 34,86,472/- worth of Consultancy activity was performed during this academic year.

## Patents:

A patent is an exclusive right granted for an invention, which is a product or a process that provides, in general, a new way of doing something, or offers a

new technical solution to a problem. To get a patent, technical information about the invention must be disclosed to the public in a patent application.

A total of 11 patents were filed and published out of which 7 were filed during the last academic year.

### Trademarks:

Today Trademark registration has become a necessity to establish an identity for an Organisation or a private institution. CBIT obtained 8 Trade Marks till date for its Logo, Label, Word mark and Label with Logo etc.

#### Institution Innovation Council:

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs).

The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.

MIC has envisioned encouraging creation of 'Institution's Innovation Council (IICs)' across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through innumerable modes leading to an innovation promotion eco-system in the campuses.

#### Major focus of IIC:

- To create a vibrant local innovation ecosystem.
- Start-up supporting Mechanism in Higher Educational Institutions.
- Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework.
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- Develop better Cognitive Ability for Technology Students.

At this juncture, I am pleased to announce that CBIT has established an Institution Innovation Council as per the norms of MIC, MHRD to work towards the aim of the Council. In this connection, I am happy to say that the Institute has participated in the Atal Ranking of Institutions on Innovation Achievements Framework this year.

Also, the Institute Innovation Council, CBIT, arranged live Face book sessions for the 3 Episodes of India's First Leadership Talk Series. All the faculty and students have participated in the sessions.

### MOUs:

The Institute signed <u>53</u> MoUs with various universities, industries & organisations for exploring areas of collaboration and co-operation. The Institute also has furthered links with international universities viz., Curtin University, enabling enhancement of research and educational programmes at the Institute by establishing School of Excellence. MoU with Anywhere Automation University for establishing Centre of Excellence on Robotic Process Automation.

Now, I present before you some of the Departmental activities of the Institute during the year.

#### Department of Civil Engineering

- 1. The department has organised PARIVRITA a One day National Seminar on the occasion of Water World Day on 22<sup>nd</sup> March 2018, Sri.P.Raghuveer, Principal Chief Conservator of Forest Telangana Forest Department.
- 2. The Department Organised a Two Day National Student Convention on "Civilizations 2018" under SUDHEE 2018 on 28th & 29th September 2018.
- 3. The Civil Engineering Association has organised 50<sup>th</sup> Engineers Day Celebrations on the occasion of Sir. MokshagundamVisveshwaraiaha's Birth Anniversary on 15<sup>th</sup> September 2018. Sri.M.K Srinivas, Director General, National Water Development Agency, graced the occasion as the chief guest.
- 4. An Industrial tour was organised by the Civil Engineering Department for 3/4 BE Students on 6<sup>th</sup>& 7<sup>th</sup> September 2018 to Kaleswaram project is an important flagship project taken by the state of Telangana to utilize the waters of Godavari river for the beneficial use of the state.
- 5. The Department of Civil Engineering has organised a 3-day In-house training program on surveying using Advanced Instruments Total Station during 5<sup>th</sup> 8<sup>th</sup> November, 2018.

✓ Faculty chaired Sessions
 ✓ Faculty delivered Guest Lectures
 ✓ Faculty inspected safety of different projects
 ∴ 02
 ∴ 14
 ✓ Faculty inspected safety of different projects
 ∴ 08

#### **Consultancy:** The Department of Civil Engineering has earned an amount of

Rs.2,22,000/-

#### Department of Mechanical Engineering

✓	Workshops / FDPs / Seminars organised	:	07
✓	Publications by Faculty in International / National Conferences / Journals	:	34
✓	Patents Claimed - Dr. P. Ravinder Reddy, Principal	:	02
✓	Faculty Delivered Guest Lectures	:	02

✓ Dr. M. V. S. Murali Krishna, Prof. & Head, Dept. of Mech. Engg., is nominated as a panel member in the review committee for the journals of Tribology & Energy, published by Elsevier in October, 2018.

#### Consultancy:

The Department of Civil Engineering has earned an amount of Rs.1,35,000/-

### Department of Electronics & Communication Engineering

✓ Conducted a one week FDP on "Principals of GNSS, Applications and Research Area" In Association with OU, Hyd and VSSUT Burla under TEQIP III.

✓	Seminars / Conferences / Workshop Organized by the Department	:	05
✓	Guest Lectures arranged by the Department	:	04
$\checkmark$	Seminars/Conferences(National/International)/Workshops attended	:	17
✓	Papers Published by the faculty in International conferences	:	18
$\checkmark$	Papers Published by the faculty in National conferences	:	02
✓	Papers Published by the faculty in International Journals by the faculty	lty:	15
✓	No. of expert lectures delivered by ECE faculty at other organizatio	ns:	05

✓ 4 Ph.D. scholars were awarded doctoral degree under the supervision of faculty.

#### Achievements by Staff:

- o Dr. A.D.Sarma, Professor, appointed as Technical Advisor for 'Advanced Global Navigation Satellite Systems Research Laboratory (AGRL)', Dept. of ECE, Osmania University, Hyderabad.
- Dr. A.D. Sarma was appointed as Adjunct Faculty to CR RAO Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS), Hyderabad, by the Director AIMSCS.
- o Dr. A.D. Sarma was made a member of the advisory committee of Centre for Space Science and Technology Education in Asia and the Pacific (Affiliated to United Nations Organizations).

# Department of Electrical & Electronics Engineering

✓	Research Paper published in International Journals	:	18
✓	Research Paper presented in International Conferences	:	11
✓	Research Paper presented in National Conference	:	04
✓	Guest Lectures Conducted	:	08
✓	Workshops Organized	:	03
✓	Symposia Organized	:	04
✓	Workshop / STTP/ OC Attended	:	12
✓	Energy Savers Club of Chaitanya Reethi organized a week long puring "National Energy Conservation Week-2018" in association with Hyderabad, on 14th to 20th Dec, 2018.	_	
✓	Engineers Without Boarders, CBIT organized a one day program "e-2K-19" on $5^{th}$ Jan, 2019.	·Ankura	am
	Department of Computer Science & Engineering		
$\checkmark$	Papers Published in National / International Conferences / Journals Workshops Organized Workshops Attended	: : :	38 03 15
	Department of Information Technology		
<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	Seminars / Conf. & workshops Organized Seminars / Conf. & workshops Attended Papers presented Papers published Guest Lectures Organised Guest Lectures delivered Faculty Chaired Sessions Books published	: : : : : : : : : : : : : : : : : : : :	01 10 08 21 02 02 01 02
	Department of Chemical Engineering		
✓ ✓ ✓	Research Publications Papers presented in National / International conferences Workshops / Seminars / FDPs attended On-going Research projects FDPs/ Seminars/Workshops organised	: : : : : : : : : : : : : : : : : : : :	05 07 01 04 04

### **Department of Biotechnology**

✓	Papers presented in International Journals	:	08
	Workshops / Seminars / Conferences attended	:	06
✓	Events organised	:	05

#### **Department of Physics**

$\checkmark$	Publications in National / International Journals	:	05
$\checkmark$	Presented Research Papers in National / International Conferences	:	08

### **Department of Mathematics**

$\checkmark$	Publications in International Journals	:	02
✓	Workshops / Seminars / Conferences attended	:	06
$\checkmark$	Workshops organised	:	02

### **Department of Chemistry**

✓ Research Publications : 03

## **Department of English**

- ✓ Department is functioning independently since October 2018.
- ✓ Faculty published 4 research papers and presented 6 papers in international conferences.
- ✓ They have organized a workshop on smart problems faced by teachers and students.
- ✓ The department organizes a proficiency course in English exclusively for the weak learners of the language after college hours.
- ✓ CBIT MUN 2018 was organized in Aug 2108. It witnessed a participation of 300 delegates from across the country, 3 of which were from other countries.
- ✓ Convened TEDX CBIT organized in October 2018.

## **Department of MCA**

✓	Total Number of Publications in international Journals	:	7
✓	Presentations in international Conferences	:	2
✓	Seminars/Workshops conducted	:	2
✓	Workshops/FDPs attended	•	7

### Department of MBA

✓ Number of Publications in National / International Journals : 22

✓ Workshops / Symposiums attended : 20

### Alumni:

The Institute is very keen to maintain a strong bond with its alumni and started extending several facilities and services including start ups to the Alumni. The alumni of the Institute have made their alma mater proud through their achievements and contributions in diverse fields and our engagements with them are steadily growing.

The following are some of the activities of Alumni Association.

- ➤ Home Coming (Alumni Meet) on 25<sup>th</sup> December every year.
- Silver Jubilee Celebrations for every batch.
- > Scholarships to the economically poor & academically excellent students of CBIT.
- Organising Workshops / Seminars & Conference.
- Organising Guest Lectures by eminent alumni in various fields.

## Awards won:

In an endeavour to create an environment of teaching learning of high order, the Institute honoured its best teachers based on Teaching- Learning, Research and papers published, Ph. D guidance, Extracurricular activities and feedback. This apart several academic distinctions, honours, distinguished fellowships, Associate-ships and awards have been bestowed on our faculty and students in recognition of their academic achievement during the last year.

- 1. **Dr. P. Ravinder Reddy**, Principal, won **NATA Excellence Award** in Engineering Category for the outstanding Services in the NATA Mega Convention, Philadelphia, on 6<sup>th</sup> July, 2018 and **Distinguished Leader Award** by Venus International Foundation for the contribution and achievements in the discipline of Engineering on 5<sup>th</sup> January, 2019.
- 2. The Research paper co-authored by **Dr. A. D. Sarma, Director R & D**, received **Best Paper Award** in International Conference held at Osmania University, Hyderabad in April 2018.
- 3. **Dr. K. Jagannadha Rao**, Professor, Dept. of Civil Engineering, **awarded as the "Best Presenter"** on "Recycled Concrete and Self compacting

- Concrete" in the 14<sup>th</sup> International Conference on Concrete Engineering and Technology (CONCET 2018), held on 8<sup>th</sup> and 9<sup>th</sup> August, 2018 at University of Malaya, Kuala Lumpur, Malaysia.
- 4. **Dr. K. Lakshmi**, Prof. & Head, Dept. of Chemistry received "BHARAT RATNA MOTHER TERESA GOLD MEDAL AWARD" from Global Economic Foundation & Research at Tiruvannamalai, Tamilnadu, in June, 2018 and also awarded the prestigious Adarsh Vidya Saraswati Rashtriya Puraskar National Award of Excellence 2018, on 2<sup>nd</sup> October 2018, by Glacier Journal Research Foundation, Global Management Council, Ahmedabad.
- 5. **Dr. K. Lakshmi,** Prof. & Head, Dept. of Chemistry, received a **Letter of Recognition from the Governing Body of Glacier Journal Research Foundation**, Ahmedabad. This letter is for recognising the noble work done in the interest of students, teachers and the entire education fraternity. The letter also gives a distinction of being one of the best teacher in the country.
- 6. **Dr. G. Suresh Babu**, Prof. & Head, Dept. of EEE, has been conferred upon the award of "**Distinguished faculty in Engineering**", for the contribution and achievement in the field of Electrical Engineering by Centre for Advanced Research and Design, Venus International Foundation, Chennai on 7<sup>th</sup> July, 2018.
- 7. **Dr. M. Balasubba Reddy**, Assoc. Professor, Department of EEE got appreciation from project officer NPTEL stating that second learner who has taken most number of NPTEL exams so far in India.
- 8. **Dr. P. V. Naga Prapurna**, Associate Prof., Dept. of Chemical Engineering & **Dr. G. Vijaya Lakshmi**, Assistant Professor, Dept. of Biotechnology won "Rashtriya Shiksha Ratan Awards' which was given by "The National Achievers Recognition Forum", in New Delhi on 7<sup>th</sup> December 2018.
- 9. **Dr. P. Kowstubha**, Assistant Professor, Dept. of EEE, won Sir Thomas Ward Memorial Prize for the paper titled 'Electronic Power Conditioner for Ku-band Travelling Wave Tube' which was published in the Series 'B' Journal of the Institution of Engineers India, Vol. 98, Issue 2.
- 10. **Dr. M.Subhadra**, Asst. Professor, Dept. of Physics, has been awarded **Research Ratna Award 2019**, by International Journal for Research Under Literal Access) for her research paper titled "Effect of V2O5 content on physical and optical properties of lithium bismuth borate glasses", powered by RULA AWARDS.

- 11. **Dr. Mamatha**, Assistant Professor, Dept. of Chemistry, received "Bharat Ratna Dr.Abdul Kalam Gold Medal Award" for individual achievement and National Development by GEPRA, Tamilnadu, India.
- 12. The research paper authored by Sri. Mohammad Qurram Javeed(JRF), Dr. A.D. Sarma, Dr. A. Supraja Reddy, Sri. T. Sridher, Dr. N. V. Koteswara Rao and Sri Tarun Kumar Pant, received Best Paper Award in International Conference held at Osmania University, Hyderabad in April 2018.

### Student Activities & Achievements:

The Institute has encouraged and enabled extra-curricular student activities to ensure that the students become well rounded. The goal is to produce individuals who are not only technically competent but also have expertise in a range of skills of the choosing.

There are 18 clubs for all round development of students. The major clubs under student activities are Social & Cultural, Science & Technology, Sports & Games, which remain active throughout the year.

Some of them are ASME, CBCC, Communicando, CBIT-MUN (Model United Nations), Entrepreneurship Development Cell, Google Students Club, IEEE, ISTE, NSS Unit, Robotics & Innovations, SAE, Street Cause, Toastmasters, Engineer Without Borders, Parivrita, Energy Savers Club, Digital Transactions Competency Centre.

#### Achievements:

- 2018 passed out EEE student Ms. K. Samhitha, got 95.95% in CAT 2018 at age of 16 years. Also, many students have secured highest scores in CAT, GATE, GMAT, GRE, IELTS, TOEFL, 2018 examinations.
- Shruti Jagini & Sindu Thaduri, B. E. 3/4 Civil Engineering students were awarded with The Young Scientist Award for Oral Presentation for their paper on "Impact of Sanitary Landfills on Ground Water A case study on Jawahar Nagar landfill" in the TELANGANA ENVIRONMENT CONGRESS 2018 Organised by Centre for Environment and Development in association with National Institute for Micro Small and Medium Enterprises, Govt. of India.

- Ms. Samiksha & Ms. Ayushi Sharma, students of Biotechnology published paper on "Synthesis of Silver Nanoparticles using plant extracts and their Antimicrobial activity" in the International Journal of Emerging Technology and Advanced Engineering Vol-8, Issue-1, 258-264, January 2018, ISSN: 2250-2459.
- Mr. B. Arvind, Mr. K. Sai Sreejith Reddy, Mr. R. Vivekreddy, Mr. Muttaqi Aladin & Mr. Aryasree, students of Biotechnology, won 2<sup>nd</sup> prize for their paper presentation in the Technical Fest conducted by IIT, Kharagpur.
- M/s. AMD Pvt. Ltd., has selected one of the UG project "Smart Child Rescue system for borewells using embedded systems" as "best project" which is done by Ms. Rachana Kumbha, Ms. R. Krishnaveni & Mr. K. Praveen Rathod, students of ECE.
- Ms.Richa Kulkarni, Sai Tejaswi, Krishna Sri, Ms. Sahithi, Ms. Sravya, Ms. Lehya, students of CSE won 2<sup>nd</sup> Prize in Smart India Hackathon-18 organized by MHRD a prize money of Rs. 50,000/-
- Mr. SSV Likhitesh of BE 4/4 (CSE) 2017-18 placed in Microsoft R&D. DE Shaw Group extended a paid Internship to Mr. Sai Sagar, Student of CSE with a stipend of Rs.1 lakh / month.
- Ms. P Ankitha, Ms. N Neha Fareen of BE ¾ CSE got selected for the Grace Hopper Celebration India annual Conference (Woman) in Computing (GHCI) with a scholarship of Rs. 20,000/-.
- Mr. C Preetham, Ms. Ankitha P, Ms. Krishna Sri of BE 4/4 Placed for Microsoft R&D Pvt. Ltd. (Software Intern), package: Rs. 39 L CTC.
- Mr. K Vihar of BE ¾ CSE published a paper in "International Conference on Advanced Computing, Networking and Informatics" at NIT Silchar. SPRINGER proceedings.
- Mr. B.Arvind, Mr. K.Sai Sreejith Reddy, Mr. R.Vivek Reddy, Mr. MuttaqiAladin, Ms. Aryasree, students of Biotechnology won second prize in the IIT Kharagpur Kshitij in 2018 for the paper presentation.
- A.Tejasvi, student of CSE along with Mechanical and ECE students won 3<sup>rd</sup> Prize in the event" Cubiscan under Robotix" at KSHITIJ 2019 of IIT Kharagpur from 18-01-2019 to 21-01-2019.
- > 46 students of ECE got certified as "Amateur Station Operators" HAM Radio by Ministry of Communications, Government of India.

- Mr. Ravi Teja & Ms. Sri Manika of Final year ECE stood third in the event 'Cubiscan' under 'Robotix' Conducted by Tech Fest, KSHITIJ 2019 of IIT Kharagpur held during 18-20 Jan 2019.
- Mr. Ravi Teja & Ms. Sri Manika of Final year ECE won the Cash Prize in the event 'Boeing' National Aeromodeling Competition Robotix' Conducted by Tech Fest, KSHITIJ 2019 of IIT Kharagpur held during 18-20 Jan 2019.
- Mr Nihal singh of III semester MCA played in National level Cricket tournament.
- B.E. (Mechanical) VI Semester students they designed and fabricated a racing car competition for GKDC (GOKART Design Challenge) to be held at Buddh International Circuit Greater Noida, U.P. organized by Indian Society of New Era Engineers from 15-19 February, 2019.
- BE VI Semester students participated in the Technical Fest conducted by IIT, Kharagpur and stood 3<sup>rd</sup> in the event Cubiscan under Robotix and qualified for final round in Zonal level of Boeing National Aeromodeling Competition. Also qualified for final round in the event Sand Rover under Machanize among 150 participating teams.
- Students of Final year Mechanical Engineering presented a poster in the National Conference on Unmanned Aircraft Systems: Opportunities and Challenges organised by Aeronautical Society of India, Hyderabad.

# Other events organised for students:

Orientation Program, Induction Programme, National Level Technical Fest, Awareness programme on Anti Ragging and Drug Abuse, Awareness Programme on Industry Motivation, Personality Development & Grooming, Seminar on Internships, Awareness Session on IPR, Industrial Workshop Training Programme by Energy Savers Club, National Seminar on Water & Environment, Aptitude Attitude Awareness programme, One week Refresher Programme on Artificial Intelligence based on Internet of Things, Guest Lecture on Breakthrough barriers for successful Research, Remedial Classes & English Proficiency course for Slow learners, Hactober Fest on Open Source, a Seminar on "Innovations in Social Engineering", a Seminar on "Paper Recycling" were some of the events organised for students this year.

## Sports:

In the pursuit of academic success, students sometimes need a break from the classroom and an opportunity to release pent-up energy. While academic success is no small feat, students who participate in at least one extracurricular physical activity are proven to reap more benefits than those who do not exercise regularly.

The importance of sports in the life of a young student is invaluable. Participation in sports and other physical activities can have many benefits for students. Participation in organised sports offers the chance for youth to enhance their physical and social skills. A balance should be maintained that matches the student's maturity, skills, and their interests with their sports participation. Sports offer students a change from the monotony of their daily life. It is also a useful means of entertainment and physical activity for them.

Department of Physical Education organised a National level Inter Engineering College Sports Meet and two Inter College Tournaments. Our students won Gold, Silver and Bronze medals in many tournaments and sports Meets viz., Athletics, Table Tennis, Badminton, Swimming, Judo, Boxing, Chess, Basket Ball and Caroms. Congratulations to all the students who brought glory to CBIT with their outstanding performance.

# **NSS UNIT:**

NSS is organising various Community development activities in and around the College campus. NSS unit organized the following activities:

1.	Women's day celebrations	10/03/2018
2.	Extended helping hand to Old Age Home	02/03/2018
3.	Blood Donation Camps	15/02/2018 & 26/12/2018
4.	Dental camp	15/03/2018
5.	Awareness events for 1st year students	16/3/18, 18/3/18 & 19/3/18
6.	Free Health Check up for Staff	02/04/2018
7.	Rally on Rashtriya Ekta Diwas	31/10/2018
8.	Discipline incharge in Orientation for fresher's	28/11/2018
9.	Road safety for bus drivers	29/11/2018
10	.Volunteered For Telangana Elections	07/12/2018
11.	Donations for Blind	24/12/2018
12.	Road safety week seminars(By Cyberabad Police)	11/1/19, 16/1/19 & 17/1/19

#### Entrepreneurship Development Cell (EDC) of CBIT conducted:

- ✓ A "Boot Camp on E-Summit 2.0"
- ✓ Students Information Session on Technology Entrepreneurship Programme (TEP) 2.0.
- ✓ A seminar on "Manufacturing, supply chains-Trends and research scope" and "scope of graduate studies and research studies at Binghamton University" by Prof Nagendra Nagarur, Industrial Engineering, Binghamton University.
- ✓ A one day workshop on "Jobs Vs Higher Studies Vs Entrepreneurship.
- ✓ A two day Impresario, the Entrepreneurial Fest on 18th & 19th Feb, 2019.

# Workshops / Conferences & Continuing Education Programmes :

Continuing Education is part of the CBIT's Outreach programmes created to extend its arm for the promotion and extension of the Science and Technology benefits to the Society, apart from its main focus of teaching and research.

During the last academic year 41 Conferences / Workshops & FDPs have been organised by the Institute. Our faculty attended for 80 seminars / conference & workshops conducted by various institutions. 35 faculty were delivered Guest Lectures in other Institutions. 03 faculty were chaired different sessions.

## LIBRARY & INFORMATION CENTRE:

- ✓ CBIT Library & Information Centre has a collection over 1,00,000 (One Lakh) Volumes ,covering the disciplines of Engineering, Science, Technology, Management, Humanities and Social Sciences.
- ✓ CBIT Library & Information Centre spending more than 40 Lakhs for providing access to more than 5000 e-Journals from IEEE, ASME, ASCE, Elsevier Science Direct, Springer etc.
- ✓ Subscribed for **SCOPUS** Elsevier's largest abstract and citation database of peer-reviewed literature
- ✓ Established CBIT NPTEL Local Chapter to encourage students for online Learning. For more details, contact the Librarian.
- ✓ Library & Information Centre maintaining a separate library website, ( <a href="http://www.library.cbit.ac.in">http://www.library.cbit.ac.in</a> )

### PLACEMENTS & INTERNSHIPS:

Total Placements for the Academic Year 2017-18: 1082
Total Internships: 365
Total Companies offered placements: 70

Highest CTC offered : 39.00 Lakhs / Annum
Average CTC : 6.6 Lakhs / Annum
Lowest CTC : 3.28 Laksh/Annum

No. FDPs conducted : 66
No. of SDPs conducted : 166

### Other Activities :

The Institute observed several events like International Women's Day, International Yoga Day, Haritha Haaram, Independence Day, Engineers Day, Teachers Day, Road Safety Week, Vigilance Awareness Week, National Education Day, Rashtriya Ekta Diwas, Energy Conservation Week, T-Summit, Republic Day etc., besides the regular National events and a large number of students, faculty and staff members were participated in the events.