CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A): HYDERABAD-75.

11th March, 2017

38th ANNUAL REPORT- SHRUTHI-2017

On this occasion, as the principal of CBIT, I feel privileged to present the Annual report of our esteemed Institute. Our Institute has made tremendous progress during the past 38 years. The achievements and laurels won by our students are praise worthy and it is a matter of pride to all of us associated with CBIT.

I am elated to present before you a few significant accomplishments of our Institute.

CBIT is ranked 71st among the top 100 Engineering Colleges in the country including IITs & NITs as per NIRF ranking released by Hon'ble minister for HRD at Vigyan Bhawan on 4th April 2016 and **1st among Private Institutions in the State of Telangana**. As per the Surveys conducted **by the Out Look and The Week Magazines, CBIT is ranked 31st and 57th respectively among the top 100 Engineering Colleges of our the country which include IITs / NITs.**

During this year, **five PG courses viz., M.Tech. (CSE), ME (Structural Engineering), ME - Communication Engineering, ME - CAD/CAM, & ME - Power Systems & Power Electronics have been accredited by NBA (AICTE) for two years.**

ISO 9001 : 2008 certification is renewed as per the schedule.

CBIT has got extension of approval (EOA) for 3 years up to 2019 from AICTE.

Recently we have submitted Self Study Report to NAAC, UGC for second cycle of Assessment and Accreditation.

I am delighted to announce that **an Inspection Committee from Osmania University** visited the College on 30th January, 2017 and evaluated the **Departments of Civil Engineering and Electrical & Electronics Engineering and recognized both the departments as Research Centres**. Departments of Mechanical Engineering, ECE & CSE have already been recognised as Research Centres. **With this, we have 5 departments recognised as Research Centres.**

I feel greatly honoured to say that **the Indian Society for Technical Education - AP & TS Sections conferred Late Sri Panda Punnaiah Garu Award on the Principal, CBIT, as the Best Engineering College Principal of Andhra Pradesh and Telangana States and the award was presented on 02.03.2017 in the 11th ISTE AP & TS Sections Annual Convention and Awards function.**

I would like to convey my gratitude to the continuous and unstinted support extended by the Management at all times and the team work of all the CBIT staff members, which enabled me to bag the prestigious award.

The Institute is also active in undertaking collaborative **Research with Industries and carrying** out research projects **sponsored by AICTE, UGC, Space Application Centre and other prestigious funding agencies.**

Sanctioned Sponsored projects in the year 2016-2017 are:

Sl. No.	Title of the project	Sanctioned by	Amount Rs. in Lacs.	Investigators	Dept.
1.	Improvement of Performance of RLG with Wavelet and S-Transform Algorithms	RCI, DRDO, Hyderabad	9.75	Dr.K.Subba Rao & Dr. N. V. K. Rao, Head.	ECE
2.	Investigation of the Effects of Ionospheric Spatial Decorrelation on Indian GBAS	Space Application Centre, Ahmedabad.	19.32	Dr. A. Supraja, Asst. Professor & Dr. N. V. K. Rao, Head., ECE & Dr. K. Suman, Asst. Prof.	ECE
3.	Experimental and Numerical Investigation on Friction stir welding of Aluminium and Magnesium Alloys	UGC-SERO	2.70	Dr. P. Ravinder Reddy, Dean-R&D and Head	Mech.
4.	Studies on enhancement of the secondary metabolites in invitro through hairy roots and immobilized cell suspensions in medicinally important plant Achyranthes aspera L.	UGC-SERO	1.40	Dr. G. Vijaya Lakshmi	Biotech
5.	Detecting Anomaly Pattern Sequence Real Time Network	UGC-SERO	2.00	Dr. R. Ravinder Reddy	CSE
		Total…	**35.17**		

- This year, we have submitted 19 Research proposals worth nearly about 2.00crores to AICTE and we are waiting for a response.

- **AICTE granted Skill Development Programme to the Civil Engineering Department under Pradhan Mantri Kaushal Vikas Yojana (PMKVY), to offer and train the interested youth as Masons.**

- **Indian National Academy of Engineering (INAE) selected Dr. A. Venugopal Rao, Head, Modeling & Simulation Group, Defence Metallurgical Research Laboratory, DRDO, Hyderabad as INAE Distinguished Visiting Professor to CBIT under the heading Acadmeia Industry Interaction.**

- **In SAE Formula, 2016 Race Care event at London, the car designed by 23 students of Mech. Engg. Dept., CBIT, under the guidance of Prof. P. Ravinder Reddy, Prof. & Head, Dept. of Mech. Engg., & Dean-R&D., secured 7th Position in Business presentation category out of 130 teams from 30 countries.**
- **"Artificial Heart" a Collaborative Research project has been initiated as interdisciplinary research by Mediciti Institute of Medical Sciences, CBIT, BITS & SNIST.**

- The Institute has entered into MOUs with numerous MNCs and other esteemed organizations. During this year we have entered the MOU with the following:

    - Smart Infrastructural Engineering Services Trust
    - DST - SAC - IRNSS - GPS user receiver
    - Walk For Water Foundation
    - IUCEE
    - Confederation of Indian Industry
    - Auburn University – Pratishta Industries Ltd.
    - Ericsson
    - Global Edcom
    - AMD
    - International Technological University
    - Unisys
    - ICT
    - Pega Systems World Wide India Pvt. Ltd.
    - Telangana Academy for Skill Development (TASK)
    - Global Business Incubator

RESULTS:

The over all pass percentage for the academic year 2015-16 is **96.64** **which includes 633 distinctions & 199 1st classes** for the academic year 2015-16, **i.e., 87.48% out of 96.64%.**

Overall Pass Percentage Branch-wise

S.No.	Branch	Total % of passes	Distinction & 1st Class
1.	CIVIL	94.59	53 + 35
2.	MECH	99.15	99 + 14
3.	ECE	97.72	114 + 22
4.	EEE	100	35 + 18
5.	PROD	96.23	36 + 11
6.	CSE	98.24	92 + 17
7.	IT	98.18	36 + 16
8.	CHEMICAL	93.22	26 + 17
9.	BIOTECH	98.18	34 + 17
10.	MCA	97.2	15 + 21
11.	MBA	90.4	93 + 11
	Average %	**96.64**	**633+199**

Final year students of the academic year 2015-16 have bagged a total of 28 University Ranks.

		students		Ranks
Civil Engineering	-	**3**	-	**5,8,9**
CSE	-	**4**	-	**4,5,7,10**
E.E.E	-	**1**	-	**6**
E.C.E	-	**4**	-	**3,8,9,10**
Mechanical Engineering	-	**3**	-	**3,6,10**
I.T.	-	**3**	-	**2,3,10**
Production Engineering	-	**10**	-	**1,2,3,4,5,6,7,8,9,10**

Gold Medals:

- This year we are awarding **15 Gold Medals** for 2015-2016 passed out batch and also **91 Silver Medals** for students, who achieved highest marks in the previous Academic Year.
- With regard to Academic activities, the Institute is organizing various programmes like Industry Institute Interactions, Workshops, Certification programmes, Internships, Guest Lectures, Webinars, Faculty Development Programmes, Campus Connect programmes in co-ordination with Industries in the interest of the development of faculty and students of the Institute.

- During the **Academic Year 2016-2017,** CBIT has conducted **63** Seminars, Conferences and Workshops and published **278** papers in Journals / Conferences.

S.No.	Department	Seminars / Conf. & workshops Organized	Papers presented
1.	Civil Engg.	05	25
2.	Mechanical Engg.	04	71
3.	Electronics & Commn. Engg. (ECE)	12	63
4.	Electrical & Elec. Engg. (EEE)	05	13
5.	Computer Science & Engg. (CSE)	18	17
6.	Information Technology (IT)	04	15
7.	Chemical Engg.	02	04
8.	Biotechnology	01	05
9.	Maths & Humanities	03	20
10.	Chemistry	--	05
11.	Physics	--	12
12.	MCA	05	05
13.	MBA	02	23
14.	Physical Education	01	--
	Total….	**63**	**278**

Now, I present before you the various other important activities of the Institute during the year.

- **A talk on the research Project "How to create an Artificial Heart"** was organised on 17.03.2016. Dr. P. S. Reddy, Director of Cardiology, University of Pittsburgh, USA and Chairman, Mediciti Hospital, Mediciti Institute of Medical Sciences spoke on the proposed Research Project. This research project is an interdisciplinary project from the departments of Biotechnology, Mechanical Engg., ECE& EEE.

- **An MoU was entered into with Global Business Incubator on 19.04.2016**. The programme **Startup Veda** was organised. Sri Jayesh Ranjan, IAS, Secretary-IT, Govt. of Telangana & Sri ArunTiwari, Co-author of the Book -Wings of Fire and Director, KVIC were the Guests for the Startup and awarded $20,000 for each for three best business proposals.

- **Inhouse Training Centre (ITC), CBIT** organised a training programme for the CBIT faculty from 19th May, 2016 to 21st May, 2016 to teach the subject of "**Human Values and Professional Ethics**" introduced in the academic year 2015-16.

- **An Interactive Workshop on "Choice Based Credit System" was organised on 27th May, 2016**. Dr. V.M. Pandharipande, Adjunct Professor, Department of ECE, Hon.

Director, Center for Excellence in Microwave Engineering, College of Engineering, Osmania University, was the speaker for the Workshop. All the Heads of the Department along with the Professors & Senior faculty participated in the above session.

- **"International Day of YOGA" was celebrated by organising Yoga programme on 21.06.2016 in the Assembly Hall of the College** in order to motivate the young minds towards holistic health. Sister Anitha from Brahma Kumaris & Sri Gopal from Science Universe Foundation delivered Lectures on Yoga and demonstrated Yogaasanas.

- **"Telangana Ku Haritha Haaram", a flagship programme by the Telangana Government was implemented in CBIT, MGIT & CBES premises on 11.07.2016. Ms.Priyanka Varghese from Chief Minister's Office, Dr. V. Malakonda Reddy, President, CBIT & Smt. Sandhya Sree, BoM, CBIT, have graced the inaugural ceremony of the programme**. All Heads of the Department / Section, Staff and Students participated & planted about 6,500 saplings in the Campus. In this regard, I am glad to share that CBIT has received an appreciation certificate from Telangana Mega Plantation Drive, CII on 08.03.2017 for support & participation.

- **As part of Technology Entrepreneurship Programme (TEP),** an interactive session was organised in collaboration with ISB, Hyderabad and TASK, Telangana, on 28.07.2016.
- **Orientation programme** for the 1/4 BE / B. Tech. students for the academic year was conducted on 05.08.2016 at 10.00a.m. **Dr. V. Malakonda Reddy, President**, presided over the programme.

- **Flag Hoisting Ceremony** was held at CBIT on 15.08.2016 at 10.00 AM on the Eve of Independence Day. Kavi Kireeti Dr. V. Malakonda Reddy, President, CBIT, hoisted the National Flag. All the Members of Teaching and Non-Teaching staff attended the Flag Hoisting Ceremony.

- **The Government decided to celebrate "Azadi 70"on the theme "Yaadkaro Qurbani"**. As per the directions given by Ministry, Human Resource Development, Government of India, conducted literary and cultural competitions on Friday, 19th August, 2016 from 1.00PM onwards. On this occasion, various competitions viz., singing, drawing, essay writing and elocution were conducted.

- **On the eve of 49th Engineers Day,** an Essay Writing competition was organized on 26th August, 2016 on the theme "Skill Development for Young Engineers to reform the core sector : Vision 2025".

- **The YES+ Workshop** was conducted from 17.10.2016 to 19.10.2016 for the registered students of 1/4 & 2/4 BE / B. Tech. in the Aerobic Hall of Sports Block. Mr. J. Balakrishna, Assistant Professor, Dept. of ECE, was the co-ordinator.

- **Staff and students of CBIT participated in the 2K, 5K and 10K Indian Police Martyrs Memorial Run (IPMMR) on 16th October, 2016,** remembering the brave men and women who sacrificed their lives, while in the duty to keep us safe. The programme was organized by Telangana State Police.

- **The institution has been organising Swachh Bharath activity on a regular basis. All the Departments of the College are involved in this programme.**

- **Vigilance Awareness week** was observed from 31.10.2016 to 05.11.2016. An elocution competition was conducted on the topic, "Public participation in promoting integrity and eradicating corruption" on 01.11.2016. Three prizes for the best performers were sponsored by Andhra Bank, Kokapet branch. Dr. A. Sandhya Reddy, Associate Professor, Dept. of Maths & Humanities was the co-ordinator for this event.

- **Dr. Om Prakash from Boeing and Dr. Krishnamohan Reddy from Lucid soft** addressed on the topic, "Potential research in Aerospace and other fields of Engineering and Science" on 25.11.2016. All the members of R&D Cell and faculty members from all the departments attended the interactive session. Dr. P. Ravinder Reddy, Dean-R&D & Head, Mech. Engg., co-ordinated this event.

- **On the occasion of the 125th Birth Anniversary of Dr. B. R. Ambedkar on 26.11.2016,** Mass reading of the Preamble of the Constitution was organised at 11.00AM on 25.11.2016. An essay writing competition and a debate competition were also organized on the 26th November, 2016. Dr. A. Sandhya Reddy, Assoc. Prof., Dept. of M&H, co-ordinated this event.

- **Energy Saver's Club, Dept. of EEE, organised National Energy Conservation week celebrations from 14th to 20th December, 2016.** Dr. G. Suresh Babu, Professor, Dept. of EEE, Dr. T. Murali Krishna and Smt. N. Vasantha Gowri, Asst. Professors, Dept. of EEE were the conveners for these celebrations.

- **In-house Training Centre (ITC) of CBIT organised a Faculty Development Programme on the theme "Towards Personal, Professional and Institutional Excellence" for all the newly joined faculty from 19th to 24th December, 2016.** Prof. P. Sreenivas Sarma, Prof., Dept. of Civil Engg., and Dr. A.V. Narasimha Rao, Prof., Dept. of ECE were the Co-ordinators for this event.

- **As part of Industry Institute Interaction, an Apprenticeship fair was conducted by the Board of Apprenticeship Training (Southern Region), Chennai in association**

with the Department of Technical Education, Telangana at CBIT on 29th and 30th December, 2016. 35 MNCs and Government organisations participated in the programme and a number of students attended the fair.

- **The Vittiya Sakhsarata Abhiyan (VISAKA - Digital transactions) is a mission initiated by the Ministry of HRD, Government of India to educate the people of India in using the cashless / digital transactions.** An awareness campaign to implement VISAKA was organised from 23.12.2016 to 12.01.2017.Sri G. N. R. Prasad, Assoc. Prof. of MCA was the Co-ordinator for this VISAKA implementation at CBIT. Many events were conducted under VISAKA programme.

- **TEDxCBIT (Technology - Entertainment - Design) was conducted at CBIT on 07.01.2017. TEDxCBIT centered around the theme "Novelty, Diversity, Erudition". It was the first of its kind at CBIT where eminent speakers came from across the country and from diverse fields** like Dr. Sowmya Mishra,IPS, Mr.BhanuPrakash, Mr. Raghu Ananthanarayana, Ms. Smitha Sabharwal, IAS, Prof. N. D. HariDass, Ms. Kiranmayee Madupu, Mr. Sai Prasad Vishwanathan, Mr. G.V. Ramanjaneyulu, Mr. Shamir Reuben, Ms. Sashi Vangappli. Dr. A. Sandhya Reddy, Assoc. Prof., Dept. of M&H was the faculty co-ordinator for this event.

- **A National Level student Campaign *"Save Water"* was launched on 18.01.2017 in the assembly hall of CBIT, collectively by CBIT, MGIT and an NGO called *"Walk for water"*, with the main objective of involving the youth of the country for saving water on planet earth. The environmental club of CBIT *'PARIVRITA'* organized this programme**. Principals of CBIT, MGIT, founder convener of "Walk for Water" organisation, Mr. Karunakar Reddy and Chief Operating officers Mr.Ritu Raju Pukhan addressed in this launching programme. A special lecture on "Building Leadership skills, saving the Environment" was delivered on this occasion by Dr.Srinadha Chary, holder of a record in the Guiness book of world records.

- **As part of AICTE's Smart India Hackathon and India's Leadership Talk Series to encourage the students to participate proactively in Smart India Hackathon, 2017,** a live show of Shri Prakash Javadekar, Hon'ble Union Minister of HRD & Chief Patron of Smart India Hackathon - 2017 was shown on 18th January, 2017. Dr. R. Ravinder Reddy, Asst. Prof. of CSE, was the single point of contact from CBIT. In this regard, **I am happy to inform that CBIT has been chosen as one of the Nodal Centres in AICTE-South Central Region for coordinating Smart India Hackathon 2017 activities among AICTE approved Technical Institutions.**

- **In view of "Road Safety Week", NSS Unit of CBIT organised the events viz., "Just a Minute" and "Quiz" for the students on 19.01.2017 and 20.01.2017.**

- **A Two-day Workshop was organised on "Human Values & Professional Ethics" by the In-house Training Centre of CBIT on 20.01.2017 & 21.01.2017**. Dr. C. R. K. Reddy, Prof., Dept. of CSE was the co-ordinator for this workshop.

- **On the eve of 63rd Republic Day, Flag Hoisting Ceremony was held at CBIT on 26th January, 2017 at 9.45AM** and Dr. V. Malakonda Reddy, President, CBIT, hoisted the National Flag.

- **Engineers Without Borders (EWB) wing organised a Guest Lecture on "Unveiling Solar Energy - A panoramic view" on 30.01.2017for the students.**

- **A three day training programme on Meditation was conducted by the Heartfulness Organisation on 1st , 2nd and 3rd Feb. 2017**.

- **Entrepreneurship Development Cell (EDC) of CBIT organised an interactive session on Technology Entrepreneurship Programme (TEP) in association with Indian School of Business (ISB), Hyderabad and TASK, Hyderabad on 07.02.2017.** Mr. V. Jaipal Reddy, Assistant Professor, Dept. of Mech. Engg., was the co-ordinator for this event.

- **Entrepreneurship Development Cell (EDC) of CBIT organised a biannual entrepreneurship fest - *IMPRESARIO - a* three day fest from 20th to 22nd of February, 2017** with a combination of several formal and informal entrepreneurial events, concluded by a conference on the third day. It is an occasion where many aspiring entrepreneurs from across the city learned, shared knowledge and together benefitted the entrepreneur community.

- **Digital Transactions Competency Center (DTCC), CBIT organised a workshop on Net Banking access on 25th February, 2017in the DTCC MCA Lab-2 for the faculty of the College**. Mr. G.N.R.Prasad, Associate Professor, Dept. of MCA was the Co-ordinator for this event.

- **Entrepreneurship Development Cell (EDC) in association with the Alumni of CBIT** organised a panel discussion & workshop on Career Choices at new cross-roads, Higher studies or Job placement or startup Entrepreneurship on 28th Feb. 2017. Dr. P. Prabhakar Reddy, Prof., Dept. of Mech. Engg., & Dr. G. Laxmaiah, Assoc. Prof., Dept. of Mech. Engg. were the co-ordinators for this event.

- **On the eve of International Womens Day Celebrations, the following programmes were organised :**

    - ✓ **Essay writing and Poster making competitions and the winners were felicitated the winners on 8th March, 2017**. Dr. A. Sandhya Reddy, Assoc. Prof., Dept. of M&H was the convener for this event.

- ✓ **Organised Womens Day Celebrations on 08.03.2017. Various eminent women fraternity delivered their views.**
- ✓ **About 82 girl Students headed by Dr. P. V. Naga Prapurna, Head, have participated in the 2nd Anniversary of SHE TEAM - Cyberabad at Shilpakalavedika on 08.03.2017.**

- **Organised an Essay writing competition on the topic "Emerging Technology Trends - New Leadership with Corporate Social Responsibility"** on 8th March, for 4/4 BE students of CSE, IT and 2/2 students of MBA & MCA. After Group Discussion, Friendly Consultants, INC, sponsored three cash prizes worth Rs.25,000/-, Rs.15,000/- and Rs.10,000/- to the first 3 prizes, which will be presented today.

Now, I Present before you the departmental activities :

DEPARTMENT OF CIVIL ENGINEERING

- The department has earned an amount of **Rs.1,62,800/- (One Lakh Sixty Two Thousand Eight Hundred only)** for the academic year 2016-17 through consultancy activities.
- The department has entered an MOU with "**Walk For Water Foundation**" on 9thFebruary 2017.
- The department has entered an MOU with "**SMART INFRASTRUCTURAL ENGINEERING SERVICES TRUST (SIE)**" on 2nd February 2017.
- Faculty of Civil Engineering published 12 technical papers in International & National Journals and 13 papers presented at International & National Conferences. Our distinguished faculty delivered 17 guest lectures.
- Some of the Civil faculty members have reviewed technical papers of reputed international journals.

- **Workshops / Seminars / FDPs conducted by Civil Dept. : 05**

DEPARTMENT OF MECHANICAL ENGINEERING

Patents Published:

Dr P. Ravinder Reddy, Professor and Head, filed an application for registration of two patents.

- **Title of First patent is Tribological Behavior Of Hybrid Fiber Reinforced Friction Material.** Date of Publication **:02/09/2016**
- **Title of Second patent is Flame Retardant Poultry Feather Fiber Non Woven Sheet and Process for the making same.** Date of Publication**:07/10/2016.**

Ph. D Guidance:

- **Under the guidance of Dr. P. Ravinder Reddy, Prof. & Head, 4 members were awarded Ph.D.**
- **Under the guidance of Dr. M.V.S. Murali Krishna, Professor, Sri. V.V.R.Seshagiri Rao, Asst. Prof., & Sri N. Janardhan, Asst. Prof., were awarded Ph. D.**
- **Sri Soloman Raj, Asst. Prof., submitted Ph.D. Thesis under the guidance of Dr. P. Ravinder Reddy, Head.**
- **Two members viz., Sri Sk. Mujeeb Khadir, Asst. Prof., & Sri Md. Aleem Pasha, submitted Ph.D. thesis under the guidance of Dr. P. Ravinder Reddy, Head.**

Guest Lecturers and Chairperson:

- **Dr. P. Ravinder Reddy, Prof. & Head,** delivered two Guest lectures and acted as Chairperson for two international Conferences
- **Dr. P. R. K. Prasad**, delivered two guest lectures.

Publications:

Dr. P. Ravinder Reddy, Professor & Head, published papers in 11 international Journals and submitted papers in 10 International and national conferences.

- **Dr. MVS. Murali Krishna, Professor,** published around 9 international Journals and 10 International and national conference papers.
- **Dr.K.Kishor, Asst. Prof.** published papers in 6 international Journals.
- **Under the guidance of Dr. P. Prabhakar Reddy, Professor, Entrepreneurship Development Cell (EDC) conducted 12 Guest Lectures & awareness sessions.**
- Papers of other faculty in the department were published in 20 international Journals and papers were presented at 21 International and national conferences.

- **National Conferences / Workshops / FDPs conducted : 08**
- **National Conferences / Workshops attended : 04**

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

- Seminars / Conferences / Workshop Organized by the Department : 09
- Workshops organized with support of Defense labs/ NERTU-OU : 03
- Seminars/Conferences(National/International)/Workshops attended : 34
- Papers Published by the faculty in National / International conferences : 44
- Papers Published by the faculty in National / International Journals : 19
- No. of expert lectures delivered by ECE faculty at other organizations : 21

Achievements by staff :

- **Dr. A.D Sarma, Prof.** was invited to be a Session Chair in the "National Conference on Recent Advancement in Electronics", IFHE University, Hyderabad.

- **Dr. P Narahari Sastry, Prof., Dr. N.V. Koteswara Rao, Head**, filed a patent successfully entitled "System and method for palm leaf character recognition using 2D Haar Wavelet Transform and 3DFeature"

- **Ch. Deepak, Asst. Prof.** has submitted Ph.D thesis to Homi Bhabha National Institute (HBNI), Mumbai.

- **Ms. A. Supraja Reddy, Asst. Prof.,** submitted Ph.D thesis entitled "Investigation of the Effects of Ionospheric Time Delay Gradients on Indian GBAS for Precision Approach and Landing of Aircraft" to ECE Dept, JNTU Kakinada, in May 2016.

- **Dr. A.D. Sarma, Prof.,** elected as a Chair for Centre for Space Science and Technology Education in Asia and the Pacific (Affiliated to the United Nation) CSSTEAP, Dehradun, Uttarakhand on 15th June 2016.

- **Dr.A.D.Sarma, Prof**. empanelled as Co-Chairperson for Interview boards by Central Govt. for RAC, DRDO, and New Delhi on Jan 2016.

- **Dr. K.Suman, Asst. Prof.** was awarded Ph.D from JNTUH in the area of Communications on 25th October 2016.

- **Ms. A. Supraja Reddy, Asst. Prof.,** received 'Best paper of the conference' and the 'best paper of the track - antennas and wireless communication' awards at IEEE International WIE Conference on Electrical and Computer Engineering 2016 (WIECON-ECE) jointly organized by IEEE Pune section and IEEE Bangladesh section.

- **Smt.N.Alivelu Manga, Associate professor** submitted her Ph.D thesis on "Low Power VLSI" at JNTUH in the month of July 2016.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

- **Department has conducted Seminars / Workshops & other events: 04**

- **Dr. K. Krishnaveni, Dr. P.V. Bala Subrahmanyam, Dr. G. Suresh Babu, Dr. B. Suresh Kumar and Dr. EVC. Sekhar Rao have become Recognized Supervisors of Osmania University to guide Research students.**

- **Mr. T. Murali Krishna, Asst. Professor, was awarded Ph.D. from JNTUA.**

- **Smt. P. Koustubha, Asst. Professor, submitted Ph.D. Thesis** to JNTUH.

- 3 Resource lectures were delivered by Faculty at International/ National level workshops/schools.

- Papers presented by faculty at International / National conferences / Journals : 13
- Workshops/seminars/FDP(International/National)attended by faculty: 16
- Dept. of EEE has started IEEE Power and Energy - students chapter.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- **Dr. Y. Ramadevi**, Prof. & Head, has successfully guided two Research Scholars from JNTUA and JNTUH.
- **Dr.CRK Reddy**, Professor, has successfully guided one Research scholar.
- **Mr. R. Ravinder Reddy**, Assistant Professor was awarded Ph.D. in October, 2016.
- **Mr. M. Venu Gopala Chary**, Asst. Prof., was awarded Ph.D in March, 2017.
- **Ms. T. Sridevi**, Assoc. Professor has submitted her Ph.D thesis Under OU.
- **Workshops / Seminars / FDPs conducted : 18**
- **Papers presented in International / National Conferences : 12**
- **Papers published in National / International Journals: 05**
- **Faculty Attending Workshops/Conferences/Training Programmes : 18**
- **Guest Lectures Delivered : 07**

DEPARTMENT OF INFORMATION TECHNOLOGY

- **Dr. K. Radhika, Head, obtained recognition as Ph.D supervisor** in the Faculty of Engineering, Osmania University in February 2016 to supervise Ph.D scholars in Computer Science and Engineering.
- **Dr. Smriti Agarwal, Asst. Prof., acted as program Committee**/Technical Committee Member for 3 international conferences.
- **Workshops / Training programmes organized : 03**
- **Paper Publications/ Presentations in Journals & conferences by staff : 15**
- **Workshops/Conferences Attended/Participated by staff : 30**

DEPARTMENT OF CHEMICAL ENGINEERING

- **Dr. P. V. Naga Prapurna**, Head, won "Global Education Excellence Award" as "Best Teacher for Chemical Engg. & Biotechnology in Telangana", which was given by "Prime Time Research Media Pvt. Ltd., in New Delhi on 10th April **2016.**
- **Mr. V. Ananth Kumar Thimmarusu**, Associate Prof. won **"Best Educationist Award" and 'Rashtriya Vidhya Gold Medal Award'** which were given by "International Institute of Education & Management" and by "Indian Solidarity Council", in New Delhi on 15th February **2017.**
- Papers published by faculty in Conferences & Journals : 04
- Workshops / Conferences organised by the department : 02
- Guest Lectures organised : 04

DEPARTMENT OF BIO-TECHNOLOGY

- An UASB (Up flow Anaerobic Sludge Blanket) bioreactor is designed by **Dr.A.V.N. SWAMY, Head,** for 10 liter anaerobic bioreactor for treating canteen waste and it is given for fabrication.
- A patent has been filed by **Dr.A.V.N.SWAMY, Head,** along with **Mr. C.Obula Reddy, Asst. Prof.** for lactic acid production from groundnut shell using mutant strain. A provisional filing is done.
- A one week faculty development program (19-24 December 2016) was conducted on Intellectual property rights, where expert lectures were given and more than forty faculty actively participated.
- **Dr. G. Vijayalaxmi**, Asst. Professor, was awarded a project on medicinal plants from UGC for Rs.1.40 lakhs.
- **Dr. V. Aruna** went as a Resource person for UGC sponsored three week Refresher Course, at JNTUH, on "Knowledge sharing enables and barriers in Pharmaceutical Research and development" on 6th December, 2016.
- **Ms. D. Madhavi Latha**, Technical Staff of the department was awarded Degree of **Ph.D** in Botany from Osmania University, Hyderabad on 25th July, 2016.

- Courses Attended by the Faculty : **03**

- Paper presentations by Faculty : **05**

DEPARTMENT OF MATHS AND HUMANITIES

- **Faculty have published around 20 articles** in National and International journals.

- **Mrs. Mamtha Thakur was awarded Ph.D** in 2016

- **Dr. A. Sandhya Reddy, Convenor, Communicando** & Convenor, **MUN.** Communicando successfully organized **Literati 7.0,CBIT MUN-2016** in September which saw 325 delegates from across the country and 3 editions of students newsletter **Transcendent** were brought out.

- A Three Day Staff Development Programme was organised for Technical & Non-teaching staff of the College from 14th July, 2016 to 16th July, 2016, by M&H Department.

- **Workshops & FDPs organised : 03**

DEPARTMENT OF CHEMISTRY

- **Courses Attended by the Faculty : 03**
- **Research papers published in various international journals : 04**
- **Conferences / Seminars / Workshops attended : 01**
- **Paper presentations by faculty : 01**

DEPARTMENT OF PHYSICS

- Papers Published by the Faculty : 09
- Paper Presentations in Conference/Seminars : 03
- Courses Attended by faculty : 02
- Conferences / Workshops attended : 04

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

- Faculty Development Programmes Organized - 05
- Journal/Conference Paper Publications/Presentations - 05
- Workshops/Conferences/FDPs attended/participated - 08
- Dr Lakshmi Sreenivasa Reddy D, Assoc., Professor, acted as Paper Reviewer of IEEE International Conference"MicroCom-2016", NIT-Durgapur, West Bengal, India.
- A paper on " TOWARDS DIGITAL ECONOMY:THE DEVELOPMENT OF ICT AND E--COMMERCE IN INDIA" written by Mr. G. N. R. Prasad, Associate Prof., has been accepted to be presented in the International conference on "CONTEMPARAROY ISSUES SUMMIT" , Harvard University, USA on 15th March 217.
- Guest Lectures delivered by faculty - 04

DEPARTMENT OF SCHOOL OF MANAGEMENT STUDIES

- Dr. A. R. Arya Sri, Prof., elected as Secretary for Hyderabad Chapter of the Institute of Management Consultants of India for the year 2017-18.
- Dr. A. R.Arya Sri, Professor, was empanelled on the Editorial Board for Economic Challenger, an International Journal.
- Dr.A.R.Aryasri, Professor, was invited as Member/Subject expert for 3 different BoS meetings of different Colleges.
- Dr.A.R.Aryasri, Professor, delivered five lectures & Key note addresses in five workshops / Seminars& Conferences.
- Under the guidance of Dr A R Aryasri, Professor, Sri G Krishna, Associate Professor, was awarded PhD by Osmania University.
- Workshops / Seminars / FDPs conducted : 02
- Papers presented in International / National Conferences : 18
- Papers published in National / International Journals: 05
- Faculty Attending Workshops/Conferences/Training Programmes : 18
- Guest Lectures Delivered : 07

LIBRARY & INFORMATION CENTRE

- This Year the Institute's total **Library Collection crossed one lakh mark. Total Library Collection as on date is 1,07,522 Volumes and 20,904 Titles.**
- Institute Library **subscribed to 10 Full Text E-Journal Database** such as IEEE, ASME, ASCE, Science Direct, ASTM, Springer, EBSCO, Pro Quest, JGATE etc. and providing access to more than 5000 online e-journals.
- Institute Library Created a **CBIT Digital Library**, This Digital Library Contains
  i. 9000 + NPTEL Videos
  ii. 100+ Subjects NPTEL Text Content
  iii. 298 Subjects MIT Open Course Ware
  iv. 1000+ E-Books
  v. 500+ Projects
  vi. 1500+ Software Tutorial Videos
  vii. 2000+ Universities Information
  viii. 2500+ Companies Information
- Institute Library **established an E-Learning Resource Centre** with 20 latest i-7 HP Multi Media Computers with 20 inch Monitors along with Head Phones to make use of the CBIT Digital Library Resources such as NPTEL & MIT Lectures.
- Institute Library **established a separate Internet Lab** with 12 computers to access E-Journals and other Learning Resources.

PLACEMENTS

- **CBIT achieved 1362 offers in 72 reputed Indian and multinational companies which is a new record in 38 years of CBIT history.**
- **Placement cell organised 17 FDP's, 28 Student Development Programmes in collaboration with industry.**
- MOU entered with Pega for offering Pega certification for 280 CBIT students at a cost of $5150 (Dollars) per student. Students placed on Pega Platform 63 with 8.13 Lakhs package.
- MOU's with TASK, IUCEE, CII, for industry Institute Interaction and with Global Edcom, Global Tree for counseling students on education Abroad.
- Highest CTC for the year 2016-17 is 18 lakhs per annum.
- 6 students of CBIT have been selected for the Microsoft Codess Competition out of 45 students in all over India.
- 8 students have been selected for Bharath Electrical Limited with a package of 8.5 lakhs per year.

NSS UNIT

As part of Corporate Social Responsibility, CBIT is organising NSS Activities and established Skill Development Centre (SDC). NSS is organising various Community development activities in and around the College campus. Under the guidance of **Dr. B. Sreedhar Rao, Assoc. Prof., Dept. of Chem. Engg. & NSS Officer, NSS unit** has organized the following activities:

- In view of WORLD HEALTH DAY, organised FREE DENTAL CHECK UP CAMP by "FOCUS DENTAL CARE-HYDERABAD" on 07.04.2016.
- Donated blood in a Blood Donation camp organised by Telangana State Police at Commissioner of Police, Gachibowli, Hyderabad on 20.10.2016.
- In association with Doctor.C organized a "HEALTH CAMP" for the Staff of the College on 26-10-2016.
- An awareness programme for the students of 1/4, 2/4 BE / B. Tech. all MBA & 1/3 & 2/3 MCA on Anti Ragging and Drug Abuse was conducted on 31.10.2016. Officials from City Civil Court Legal Services Authority, Hyderabad, addressed the gathering.
- Organised an "Eye Screening Camp" in association with "Rudhira Health Organisation" for 225 staff members on 17.12.2016 & 24.12.2016 and distributed glasses at free of cost.
- In view of "Road Safety Week", organised the events viz., "Just a Minute" and "Quiz" for the students of 1/4, 2/4 and 3/4 BE / B. Tech. on 19.01.2017 and 20.01.2017.
- In association with Rudhira Health Organisation & Yashoda Hospitals organised free Cardio Screening camp for the staff of CBIT on 21st February, 2017. Screening was done for 200 persons.
- In association with Thalassemia & Sickle Cell Society, organised a Blood Donation camp on 27th February, 2017.
- A Health Camp on "Proper nutrition and energy levels" was organised in association with Mrs. Prasanna, Secretary, Human Rights Commission on 1st March, 2017 for the staff and students.
- As part of Womens Day Celebrations, conducted a programme on Safety & Security Awareness on 07.03.2017. Ms. Sunita Surve, CI & SHO of Women Police Station, Gachibowli and Self Defense Professionals delivered lectures.

DEPARTMENT OF PHYSICAL EDUCATION

ORGANISED:

- Osmania University Inter College Carroms and Badminton Tournament for Men at CBIT campus on 9th&10th September 2016.
- International workshop on "Leveraging Higher Order Sports Achievements – Physical Education" was organised on 23rd and 24th January 2017 at CBIT.

UNIVERSITY REPRESENTATIVES : A number of students represented the University sports team as under :

- Ms. A.Ravali – 4/4 CSE1 – Tabletennis – Participated – All India Inter University Tournament – held at Himachal Pradesh from 13-02-2017 to 18-02-17.
- Ms. A.Ravali – 4/4 CSE1 – Tabletennis – Won Bronze medal – South Zone Inter University Tournament – held at Kongunudu Institute of Technology, Namakkal, Tamilnadu from 29-12-2016 to 04-01-17.
- Ms. K.Praneetha – 4/4 Mechanical – Chess – Participated in South Zone Inter University Chess Tournament – held at Vel.Tech University, Chennai.
- Ms. T.Vignasree – 2/4 IT – Chess – Participated in South Zone Inter University Chess Tournament – held at Vel.Tech University, Chennai.
- Mr. T.Shree Sai Pranav – 4/4 Mechanical – Chess – Participated in South Zone Inter University Chess Tournament – held at Vel.Tech University, Chennai.
- Mr.B.Karthik Vardhan – 3/4 Production – Badminton – Participated in South Zone Inter University Badminton Tournament – held at Madhurai Kamaraju University, Madhurai from 3rd to 7th October 2016.
- Ms. P.DivyaYadav – 1/2 MBA – Softball – Participated in 38th Senior National Softball Championship – held at Anantha Sports Village, Anantapuram from 4th – 8th October 2016.
- Ms. K.Praneetha – 4/4 Mechanical came 2nd at Telangana State Team Chess Championship-2017 held at Badruka College of Commerce and Arts, Kachiguda on 21st and 22nd January 2017.

At Osmania University Inter College Tournaments :

- Chess – Women – Winners
- Badminton – Men – Runners
- Carroms – Men – III Place
- Chess – Men – Runners
- Basketball – Men – IV place
- Badminton – Women – III Place
- Best Physique Championship – men – under 70kgs – Bronze medal

At the Bandari Srinivas Institute of Technology organised by Bandari Srinivas Inter Engineering College IX Cricket Tourney 2016

[02nd SEPTEMBER 2016]Cricket – Men – Runners

S R Engineering College, Warangal Organised the 15th SR Champions Trophy – 2017 South India Inter Engineering Collegiate (T-20) Cricket Tournament.

[03rd – 11th January 2017]Cricket – Men – 3rd Runner position

At the BITS Hyderabad Organised National Annual Sports Festival

[26th – 29th January 2017]

we got :

- Badminton – Women – Winners
- Tabletennis (S) – Women – Winners
- Power lifting – Men – III place
- Body Building – Men – Gold medal

At the VNRVJIET Organised 9th Indian Open Inter Engineering Collegiate Sports Fest

[22nd& 23rd February 2017]

we got :

- Badminton – Women – Winners
- Basketball – Women – III Place
- Athletics – 100 mts – Men – Gold medal
- Athletics – 200 mts – Men – Silver

At the BITS Goa Organised National Level Inter Collegiate Sports Fest – SPREE'17

[03rd – 05th March 2017]

we got :

- Badminton – Women – Winners
- Tabletennis – Women – Winners
- Tabletennis (S) – Women – Winners