

ANNUAL REPORT - 2021

Respected Dr. V. Malakonda Reddy garu, President, CBIT.

Hon'ble Chief Guest of today's function: Prof. N. V. Ramana Rao,
Director - NIT, Warangal

Guests of Honor for the day : Sri Abburi Ravi garu and Sri Allari Naresh
garu,

Respected Board of Management,

Prof. P. Sreenivasa Sarma, Chairman, SHRUTHI-2021,

Students' President Mr. Koustubh Soudartha, 4/4 Mech. Engg.,

Other Dignitaries off the Dais, Special Invitees, Directors, Heads of the
Departments, Heads of Sections, Faculty, Staff, Parents, Electronic & Print
Media and my dear Students of CBIT.

A Very Good Evening to you all.

I heartily welcome you all to the Annual Sports & Cultural Fest of CBIT -
2021. I am happy to say that CHAITANYA BHARATHI INSTITUTE OF
TECHNOLOGY is celebrating 42nd year of it's establishment.

At the outset, I would like to thank you all for giving me the opportunity
to place before you the Annual Report of CBIT for the Academic year
2020-21.

CBIT is an Institute par Excellence. It nurtures talent, encourages
Innovation and propels Research in all disciplines. CBIT aspires to
establish one of the best education ecosystems in the Country in the field
of Technical Education.

Motto: The Management, with a vision to be a Centre of Excellence in
Technical Education and Research, envisaged a new Road Map to CBIT
to elevate its Standards on par with premier Technical Institutions in the
Country. The Institute harnesses the talents of the Students to make them
technically sound and to develop a holistic personality. **In line with its**

Motto "Swayam Tejaswin Bhava", CBIT trains the Students to become Self-enlightened and to become successful Personalities in their respective walks of life.

Vision: To be a Centre of Excellence in Technical Education and Research

Mission: To address the Emerging Needs through Quality Technical Education and Advanced Research

Quality Policy: CBIT imparts value based Technical Education and Training to meet the requirements of Students, Industry, Trade / Profession and Research Organizations for Self-sustained growth of Society.

First of all, I congratulate all the Faculty, Students and Staff members of this Institution for bringing Laurels during the last Academic Year.

I am pleased to inform that the Institute has been participating in NIRF Rankings since 2016 and had been Ranked **124th Position** in the Engineering Category for the Year 2020 and ranked 1st among the top Private Engineering Institutes in Telangana as per the survey conducted by Times Engineering, Education World India and the Week Magazine in the Year 2020.

- ✓ CBIT was established by Chaitanya Bharathi Educational Society in 1979.
- ✓ Offering 11 UG Programmes and 10 PG Programmes with an intake 1556 Students.
- ✓ Introduced 3 new UG Programs and 1 P.G. Program from this Academic Year.
 - a) B.E -CSE (Artificial Intelligence and Machine Learning)
 - b) B.E-CSE (Internet of Things and Cyber security including Block Chain Technology).
 - c) B.E-Artificial Intelligence and Data Science and
 - d) M.Tech. (Artificial Intelligence and Data Science).
- ✓ UGC has given permission to run 4 Skill Based Certification Programs from the Academic Year 2020-21.
- ✓ Land : 120 acres of land out of which 50.8 acres was allotted to CBIT.

- ✓ Programs accredited by NBA for 5 times & NAAC at A Grade, UGC extended Autonomous Status to CBIT up to 2023-2024.
- ✓ An ISO 9001:2015 Certified Institution.

Academic Environment :

CBIT provides excellent academic environment in which you have to reap maximum results.

We have **519** committed Staff out of which **288** are Teaching. **127** Faculty possess Ph.D. and **115** are pursuing Ph.D. State of the art laboratories, excellent Library & Sports facilities are made available at CBIT.

CBIT strives to innovate its academic activities by 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.

Our students are exposed to challenging, research-based academics and a host of sports, 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 42 years of its existence, more than 31000 students have graduated from CBIT.

In this connection, I would like to inform that we are awarding **97 Silver Medals** for the Students who achieved highest marks in the previous Academic year.

The overall pass percentage for the academic year 2019-20 is **97.43** which includes **685 Distinctions** and **321 First Classes**.

At this juncture, I would like to place on record the outstanding work done by the Dept of CSE for providing technological solutions for successful conduction of Examinations in view of Pandemic.

Research & Development, Consultancy :

Research activity on Artificial Heart Project is under progress and Projects from various agencies like AICTE, DST, DRDO, DMRL, ISRO, BITS, Hyderabad etc., are in progress.

A total of **Rs.41,41,217/-** worth of on-going Sponsored Projects have been sanctioned to the Institute from different funding Agencies. Consultancy activity of worth **Rs.8,48,196/-** is performed and 8 Training Programs worth **Rs.17,69,867/-** are organised during this Academic Year.

Innovation, Incubation & Entrepreneurship :

CBIT has been recognized as host Institute for implementation of the Scheme, Support for Entrepreneurial and Managerial Development of MSMEs through Incubator by the Office of the Development Commissioner, MSME, Ministry of MSME, Government of India.

CBIT, the only Institute in the State of Telanagana, which is provisionally selected for establishing an “Atal Community Innovation Centre” by NITI Aayog under Atal Innovation Mission, Government of India.

CBIT is recognised as a Member of National Rural Entrepreneurship Mission by the Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India for imparting training with a mission of inculcating Entrepreneurship among Students.

CBIT is recognised as one of the Exemplary Performers in campus water and sanitation management by the MGNCRE in Ministry of Human Resource Development in Government of India for our contribution to the field of water conservation and for promoting professionalism and capacity building in water and sanitation management in our campus and Awarded CBIT as “Green Institutional Mentor”

CBIT is recognised and has been granted authorization by the U.S. Council to offer US Council Training Courses and is an approved US – Council Authorized Training Center.

CBIT, has partnered with a T-Hub’s PAN India initiative, that envisions promoting and support Innovation & Entrepreneurship in Students thereby creating wealth, strengthening the economy, and establishing sustainable employment opportunities in India.

Established an Institute Innovation Council and many activities are being organised under IIC.

CBIT received Certificate of Appreciation from the Chairman, TERRE Policy Centre, for signing the “Not Zero-Net Zero” Pledge to become Carbon Neutral Educational Institute for our effort in combating climate change and sustain environment for future generation.

Patents & Trade Marks :

A total of **16** Patents were filed and published. CBIT obtained **8** Trade Marks till date for its Logo, Label, Word mark and Label with Logo etc.

MOUs :

The Institute signed MoUs with various Universities, Industries & Organisations for exploring areas of collaboration and co-operation.

CBIT has entered into MoUs with Telangana State Council of Science & Technology (TSCOST), M/s. Zoom Technologies Pvt. Limited, M/s. Kernel Sphere Technologies Pvt. Limited and M/s. Digintrude Info Sec Pvt. Ltd., Cares Renewable, Wind Stream Energy Technologies, Research and Innovation Circle, Hyderabad, Innopark Ventures, NHAI, IMRC Anywhere Automation University, Green Bubble Algal Works Pvt. Ltd., Biosephia Engineering Services Pvt. Ltd., College Bag Pvt. Ltd., Green Waves, SVAK Life Sciences, RTTC-BSNL and T-Works Foundation etc.

The Institute also has furthered links with International Universities viz., Curtin University and Rowan University enabling enhancement of Research and Educational programmes at the Institute by establishing School of Excellence.

Placements :

We are delighted to Share that, in spite of Global Pandemic crisis, CBIT Campus Placements season for 2020-21 Graduating Batch started with a promising note. For the first time in its 42 years of glorious history of CBIT, 10 Students are placed in SERVICENOW, a Globally Reputed Software Product Company with Rs.25:00 Lakhs Per Annum Package. It is a pride moment that Global Players like JP Morgan Chase, Micron, Accolite, Factset, Deloitte, Oracle, Goldman Sachs, InfyTQ - System

Engineer, Hack With Infy System Engineering Specialist (SES) Google, LTI and Loyalty Juggernaut Jaro Education, Capgemini, HUL, Accenture, Merilytics, Raam Group, Cognizant, Infosys, Cognizant Next, Gap IncTechnology Center, Franklin Templeton, FICO, Technip FMC, Berkadia, Hexagon, Abzooba, SarvHR, Model N, &ThoughWorks, Abzooba, SarvHR, Model N, DrReddys' Laboratories Ltd, Colruyt, MTX, Khumbu, XIT Solutions, VISA, ICICI, Kotak Life Insurance, Innominds Software Pvt Ltd completed their Campus placement Drives making **967** Offers with High Packages.

We are also happy to inform that reputed companies offered Internships. For the 1st time JP Morgan Chase offered (17) Summer Internships at Rs.50000 P.M. for the present 3rd year students. Similarly Arrcesium (5) at Rs.60,000 P.M, Google (1) at Rs.53,500 P.M, Amazon ACMS made (15) at Rs.50,000 P.M, FICO (2) at 30,000 P.M, Blue Yonder (2) at Rs. 30,000 P.M, AMD (2) at 25,000 P.M, Sureify (1) at Rs. 25,000 P.M, Micron (28) at 22,000 P.M, G.E Appliances (3) at Rs.20,000P.M, Loyalty Juggernaut (2) at Rs.15,000 P.M, Innopark Ventures (3) at R.12,000 P.M. for the present final year Students.

Sl.No.	Year	No of Companies	No of Students Registered	No. Students Placed	% of Students Placed
1	2020-21	53	801	522	66

Alumni:

The Institute is very keen to maintain a strong bond with its Alumni and started extending several facilities and services including start-ups. 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. Our Alumni base made significant contributions in their chosen Profession in particular and Society in general. Further, its worthy to note that majority of our outgoing Students are either placed in reputed Multi-National Companies like Microsoft Google, Oracle, Amazon and others such, through Campus Placements or pursuing Higher Education in renowned Universities in India and abroad.

The following are some of the activities of Alumni Association.

- Rejoicing Reunion - The Alumni Meet on 25th December every year.

- Silver Jubilee Celebrations for every batch.
- Scholarships to the economically poor & academically excellent students of CBIT.
- Organising Workshops / Seminars & Conferences.
- Organised 13 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. During the last Academic Year, our Faculty have completed 274 online Certification Courses.

1. Department of ECE has been recognized as Nodal Centre under outreach program of Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun.
2. Dr. P. Ravinder Reddy, Professor, Mech. Engg., has got Best Paper Award for the paper I'd AIP-46 entitled "Numerical Investigation of Cavitating Flows in the Step Nozzle" in the International Conference on Advancements in Aeromechanical Materials for Manufacturing(ICAAMM-2020) organized by Department of Aeronautical & Mechanical engineering, held on 24th & 25th July 2020, MLR Institute of Technology, Hyderabad, Telangana State, India.
3. Dr. K. Krishnaveni, Prof. & Director-Academics, received "Adarsh Vidya Saraswati Rashtriya Puraskar" by Glacier Journal Research Foundation, Global Management Council, at Ahmedabad on 9th March 2020.
4. Dr. P. V. Prasad, Prof. & Controller of Examinations, received "Adarsh Vidya Saraswati Rashtriya Puraskar" by Glacier Journal Research Foundation, Global Management Council, at Ahmedabad on 18th June 2020.
5. Dr. G. Suresh Babu, Prof. & Head, Dept. of EEE received "Dr APJ Abdul Kalam Best Teacher Award" from INTERNATIONAL Organisation of Innovative Research and Publishers, on 28th February 2020.

6. Dr. M. Swamydas, Prof., Dept. of CSE was selected for “UK-India Education Research Technical Initiative Leadership Management Program “. He is one among the hundred participants selected from India.
7. Dr. D. Lakshmi Sreenivasa Reddy, Head, Dept. of MCA, nominated as an Evaluator for Ph.D. Thesis in Amity University.
8. Dr. P. V. Naga Prapurna, Associate Prof., Dept. of Chemical Engineering, won certificate for participation in World Book of Records, United Kingdom and contributed a book chapter in the “Thickest book in the world comprising of 11,796 pages”, which was brought out by ESN publications, Tamilnadu, India on 30th January, 2021.
9. Dr. B. Suresh Kumar, Assoc. Prof., Dept. of EEE, received “Adarsh Vidya Saraswati Rashtriya Puraskar” by Glacier Journal Research Foundation, Global Management Council, at Ahmedabad on 17th March 2020.
10. Dr. M. Balasubba Reddy, Assoc. Prof., Dept. of EEE, received “Excellence in Research” Award from EET CRS 8th Academic Brilliance Awards-2020 at Hyderabad, on 8th March 2020.
11. Dr. T. Murali Krishna, Assoc. Prof., Dept. of EEE, received “Best Researcher” & “Best Faculty” Awards from EET CRS 8th Faculty Branding Awards-2020 on 19th July 2020 and 8th Academic Brilliance Awards-2020 at Hyderabad, on 8th March 2020.
12. Dr. N. Vasantha Gowri, Asst. Prof., Dept. of EEE, received “Adarsh Vidya Saraswati Rashtriya Puraskar” by Glacier Journal Research Foundation, Global Management Council, at Ahmedabad on 9th March 2020.
13. Dr. Harsha Nagar, Assistant Prof., Dept. of Chemical Engineering, WON “M. P. Chary Memorial Medal” as Outstanding Chemical Engineer for the year 2020 which was given by “Indian Institute of Chemical Engineers, Kolkata at Hyderabad on 27th December, 2020.
14. Dr. D. Saritha, Asst. Prof., Dept. of Chemistry won the “Best Researcher” Award presented by Science Father, International Research Awards on New Science Inventions (NESIN 2021)
15. Dr. G. Venkata Ramesh, Asst. Prof., Dept. of Chemistry won the “BEST RESEARCHER” AWARD (For the Contribution and Honourable Achievement in Innovative Research), International Research Awards on New Science Inventions NESIN 2020 Awards.

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, Chaitanya Samskruthi, CBIT-MUN (Model United Nations), Entrepreneurship Development Cell, Google Students Club, IEEE, ISTE, NSS Unit, Robotics & Innovations, SAE, Toastmasters, Engineer Without Borders, Parivrita, Energy Savers Club, Chaitanya Reethi, Chaitanya Svaasthya, Chaitanya Kruti, Chaitanya Srujana, Chaitanya Sahithi, Chaitanya Seva, Chaitanya Kreedha and Chaitanya Sudhee.

Library & Information Centre :

The Institute's Library, housed in an independent Building with an Area of 18,000 Sq. Ft., with a spacious Reading Hall which accommodates more than 350 Students at a time. Functions as the Primary Information Resource Centre, a Repository of all Printed and E-Resources for Teaching and Research Activities, 3,000 Volumes of Books, 5000 + E-Journal Packages such as IEEE, ASME, ASCE, Access Engineering, ELSEVIER Science Direct, ASTM Digital Library, JGATE-JET, JGATE-JSMS, Springer, EBSCO for Engineering, MBA, MCA Courses as per the Guidelines of AICTE in addition to Hard Copy of National / International Journals, 30,000 E-Book and other open access Resources and a E-learning Resource Centre with 30 Multimedia Systems to access NPTEL, MIT Online Courses and E. Journals.

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.

CBIT is implementing the activities of Fit India Movement as per the Directions of MHRD to give a much needed impetus to physical fitness and health of the Staff, Students and Stakeholders. Students are the future of the Country and should be physically and mentally fit. It is essential that a culture of physical fitness and good health is created within every Institute for Students, teaching & non-teaching staff etc., so that the campus vibrate with health and energetic people full of enthusiasm for learning. We have already designed the Schematic Plan and Action plan for implementing the Fit India Movement in the Institute.

1. Mr. Chepuri Sathish – 1/3 MCA – Gold medal – Kumite & Bronze – Kata - Niji Shotokan National Open Karate Championship – 2021, held at Vizag from 12th – 14th February 2021.
2. Mr. Pranav Reddy – 1/4 IT – participated – 100km HCG patriotic cycle ride on 26th January 2021 at Hyderabad.

Workshops, Conferences & Faculty Development 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. Faculty completed various online Certification Courses during this academic year.

During the last academic year **90** Conferences / Workshops & FDPs have been organised by the Institute. Our faculty attended for **2572** Seminars / Conferences, Workshops and FDPs conducted by various Institutions. **43** faculty were delivered Guest Lectures in other Institutions. **346** Papers Published and **124** Papers were presented in various National and International Journals & Conferences.

Clearly, there is a lot happening in the Institute that its Faculty, Staff and Students, as well as its Well wishers and supporters can be truly proud of. However, we still have a long way to go. As we grow, we need to find new ways and means to retain and enhance our spirit of innovation, entrepreneurship and maintain and enthusiastic environment wherein people feel empowered to do things, to innovate and to take on challenges.

A lot of what the Institute has achieved is possible due to tremendous hard work and confidence of the Faculty, Staff and Students of this Institute and faith and encouragement of its Board of Management, Governing Body Members and numerous well wishers of the Institute.

Thank You one and all