



INTERNAL QUALITY ASSURANCE CELL (IQAC)

No. CBIT/IQAC/03/2020

Dt.07-09-2020

Minutes of the Virtual Meeting (Google Meet Platform) of the Internal Quality Assurance Cell (IQAC) held on 31st August, 2020 at 7.00 PM.

Members Present:

1. Dr. P. Ravinder Reddy, Principal & Chairman-IQAC
2. Dr. Sriram Birudavolu, CEO, Cyber Security Centre of Excellence, DSCI, Telangana
3. Sri. Venkat Kumar Tangirala, MD, Wind stream Energy Technologies India Pvt. Ltd.
4. Sri. K. S. Subash Reddy, Promoter of Alankar Engineers
5. Sri. Shiva Prasad Tammishetti, HR, Campus Recruiter at Cognizant
6. Sri. Kartikeya Baldwa, CEO at KSM-66, Ashwagandha (Ixoreal Biomed Inc.)
7. Dr. Suresh Pabboju, Director-IQAC
8. Dr. A. D. Sarma, Director-R&D
9. Dr. Umakanta Choudhury, Director-Innovation & Incubation
10. Dr. R. Sreedhar Rao, Director-AEC & COE
11. Dr. K. Krishnaveni, Director-Academics
12. Dr. M. Swamy Das, Joint Director-Academics (Informatics)
13. Dr. S. Saraswathi, I/c-Head, Dept. of SMS
14. Dr. T. Sridevi, Associate Professor, CSE
15. Dr. C. Nagendranatha Reddy, Assistant Professor, Biotech
16. Dr. Shagufta Parween, Assistant Professor, English
17. Dr. C. Srikanth Reddy, Librarian
18. Mrs. B. Anne Violet, Head-HR
19. Mr. Abhijeet Purkar, President-Student's Association

Special Invitee: Sri. D. Bhasker Reddy, Advisor-RCG, CBIT

Leave of absence: Smt. D. Sandhyasree, Chairperson, D&P and Member-BOM, CBIT

Proceedings:

Dr. P. Ravinder Reddy, Chairman-IQAC and Principal, CBIT, occupied the Chair and conducted the proceedings of Internal Quality Assurance Cell (IQAC).

Welcome and Introduction of Members:

The Director-IQAC welcomed the Members and the Special Invitee and introduced them. He presented the Scope of IQAC to uphold the Quality Mandate as per the University Grants Commission and AICTE Guidelines by undertaking continuous evaluation in Teaching Learning, Research, Faculty Training and Development, Feedback of Students and Stakeholders, Curriculum, Syllabus to comply with Industry Needs and changing landscape of the Education Sector according to the New Education Policy.

Opening Remarks:

Sri D. Bhasker Reddy, Advisor-RCG, CBIT, in his opening remarks presented the overview of CBIT. Over the 4 Decades, CBIT became a dream Destination for the Students pursuing their Careers in Engineering and Management and for the Faculty who are passionate about their Teaching and Research. To keep pace with the changing Education Reforms, he explained on the Institute's Plans to strengthen its Research, Consultancy and Professional Practices, the key Parameters by promoting Inter-disciplinary, International and Industry Connect that would enable designing the State-of-the-Art Academic Programs that would expose Students to core areas of Technical Knowledge as well as engage them to the practical challenges and realities in conducting National and International Business through outstanding Innovations and Culture of Entrepreneurship. He further informed that the MoUs are being signed with Industries, Institutions, Public and Private Organizations, State Government entities to support the objective of Growth.

The Chair guided the proceedings by taking up the Agenda which is detailed as follows:

ItemNo.1 : Teaching Learning Process for the Academic Year 2020-21

Minutes : Principal, CBIT presented the Infrastructure, the Regulatory Governance and Guidelines, the Academic Ecosystem involving the enlightened Faculty, the efforts to engage Students into various Academic and Non-Academic Programs, the supporting efforts of the Committees and the Institute's achievements in Rankings over the last 4 Decades and the plans for the future to enable the Institute excel in every sphere of Academic outcomes and sustain its premier position that it has been holding.

Principal placed on the record about the commencement of Class Work in Virtual Mode (Online Classes) for the Students of III Sem, V Sem, and VII Sem, of B.E./B.Tech., III Sem M.E/M.Tech., III Sem MBA and III Sem MCA from 10th August, 2020.

The Class Work for I Sem. of B.E./B.Tech., M.E/M.Tech., MBA and MCA will commence from 1st November, 2020 (as per Telangana State Govt. Norms).

The Final Semester Examinations for of B.E./B.Tech. and MBA have been scheduled from 17th September 2020.

ItemNo.2 : Preparation of Scheme and Syllabus of New Programs sanctioned effective from 2020-21

Minutes : Prof. M. Swamy Das, Joint Director-Academics (Informatics) presented on three new UG Programs BE (AI and Data Science), BE (CSE with Specialization in AI &ML), BE (CSE with Specialization in Cyber Security, IoT with Block Chain) and one PG Program, M.Tech. (AI and Data Science) which were sanctioned by AICTE from the Academic Year 2020-21.

He explained in detail the approach that has been undertaken for the preparation of Scheme and Syllabus for these New Programs wherein a few meetings were conducted involving the Chairpersons of BoS, CSE, IT and MCA Departments to have the inputs on Curriculum. Meetings that were conducted with CBIT Alumni; Corporate Partners like Dr. B. Sriram from DSCI, Mr. Kasi Reddy from Thought Works to know their perspective on the Curriculum.

He placed before the Members that based on the inputs it was decided to establish a Lab for Mathematics Course in the First Year for the first time for CSE/IT related Programs.

A proposal was submitted to the Principal for obtaining the administrative approval from the Management to set up NVIDIA-based AI lab, which will enhance the Brand image of the Institute as this will be the only Lab in Private Institutions other than the one in operation at IIITH in Telangana.

ItemNo.3 : Revision of Scheme and Syllabus of UG Programs effective 2020-21(R20):

Minutes : Prof. K. Krishnaveni, Director-Academics explained on the major revisions in the Scheme and Syllabus of UG Programs with R-20 Scheme that are:

- Implementation of AICTE Internship Policy to meet the Industry needs and create industrial readiness in the Graduates,
- 20% Credit Transfer through SWAYAM/MOOCs/Online Courses to provide choice and flexibility to the Students in earning Credits.
- AICTE Examination Reforms and other Initiatives-Assessment and Evaluation have been strengthened, fulfilling the compliance raised by Regulatory Committees.
- CIE increased from 30% to 40% to proceed towards OBE (i.e. CIE+SEE is 40+60)
- Inclusion of Block Chain Technology, Artificial Intelligence and Data Analytics Courses as Professional Electives for non CSE/IT Programs also in order to increase the employability.
- Activity points in the e-portfolio of the Students.
- Inclusion of Honors and Additional Minor Engineering, on par with Benchmark Institutes. She shared with the Members that this will be the First Institute to implement such revised Syllabus in the Telangana State.

ItemNo.4 : Revision of Scheme and Syllabus of PG Programs effective 2020-21(R20):

Minutes :

Prof. K. Krishnaveni, Director-Academics explained on the increase in weightage from 30% to 40% in theory (i.e. CIE + SEE is 40+60 in place of 30+70) due to the implementation of R-20 Scheme and Syllabus of all PG Programs, including ME/M.Tech.

She placed before the Members the information with regard to the change in the duration of MCA program from Three Years to Two Years as per AICTE guidelines with effect from Academic year 2020-21. Accordingly, Vision, Mission, PEOs, PSOs scheme and Syllabus have been revised, after thorough discussion in the respective BoS Meetings. Summer internships will be conducted in III Sem.

She placed on record that the MBA Program is also revised as per PG R-20 Guidelines.

ItemNo.5 : Review of Existing PG Programs

Minutes : Prof. R. Sreedhar Rao, Director-AEC & CoE provided statistical data with regard to PG Programs. Average Admissions for MBA is 100%, MCA is 81%, ME-Civil-Structural Engineering is 98.67%, ME-Mech.-CAD/CAM is 40%, ME-Mech.-Thermal Engineering is 62.96%, ME-ECE-Communications Engineering is 48.15%, ME-ECE-VLSI is 64.81%, ME-EEE-Power Systems and Power Electronics is 37.04%, M.Tech.-CSE is 52.78%, M.Tech.-IT-CNIS is 46.30%. He also informed that from this Academic Year 2020-21, M.Tech. (IT-Computer Networks and Information Security) would be discontinued and in its place M.Tech. (AI and Data Science) has been sanctioned by AICTE.

ItemNo.6 : Internship Policy implementation

Minutes : Prof. M. Swamy Das, Joint Director, Academics (Informatics) explained about the initiatives that AICTE has directed including the Internship Policy. He discussed the Surveys and Reports pertaining to overall Engineering Education System. He placed on record that the Internship Policy will be implemented in CBIT from 2020-21, i.e.R-20.in which, to earn 1 credit, the Students have to work for a minimum of 45 hours. Internship/Projects Frame work is given in the following table.

S. No.	Schedule	Activities	Duration	Credits
1	Summer / Winter vacation (2 nd /3 rd Semester)	Inter/ Intra Institutional Activities	3-4 weeks or 90 hrs	2
2	Summer / Winter vacation (4 th /5 th Semester)	Industrial / Govt. /NGO / MSME/ Rural Internship/ Innovation/ Entrepreneurship / NSQF level 3, 4,5	3-4 weeks or 90 hrs	2
3	Summer / Winter vacation after (6 th Semester)	Industrial / Govt. /NGO / MSME/ Rural Internship/ Innovation/ Entrepreneurship / NSQF level 3, 4,5	4-6 weeks or 135 hrs	3

The Objective of the Internship Program as defined by the AICTE is to enable the Students to not only nurture Technical Knowledge and Skills, but also soft Skills, Leadership Qualities, Team Spirit, Entrepreneurial Capabilities and Societal Commitment to become a successful Professional. He explained that the Progress of the Students in these Personality traits will be monitored and evaluated as Activity Points for BE/B.Tech. Students.

ItemNo.7 : Research Infrastructure, MoUs and Ongoing Projects. MSME, ACIC and other developments, 1% of Annual Budget allocation for Research

Minutes : Dr. A.D. Sarma, Director-R&D detailed on the Infrastructure that has been developed and is being planned to accommodate the proposed MSME and ACIC Incubation Centers which would not only support the ongoing Projects but also the Projects that the Institute should be undertaking in future. The R&E Hub is reaching out to Industries and Institutions to sign MoUs with Nationally and Internationally reputed Organizations. In addition motivating both Faculty and Students to campaign for getting the Projects in the Public and Private Sector, some of the Innovative Ideas once approved by the Research Advisory Committee will also be supported with financial assistance. He has also placed on record about the approval of Budget for Research which as per the Guidelines is 1% of Annual Budget of the Institute every year.

Dr. Umakanta Choudhury, Director-Innovation & Incubation, explained about the strategic Partnerships with MSME, ACIC, T- Tribe of T- Hub, RICH and MoUs with a host of Organizations.

MSME, Ministry of MSME, GOI, has approved MSME Incubation Centre at CBIT to conduct the Programs like Idea Incubation, Livelihood Business Incubator, Technology Business Incubator, IP Facilitation Centre (IPFC), MSME Design Centre.

- Applications were submitted by CBIT for the first three Programs and application for other two programs are being planned for submission during the 3rd week of September. About 60 Programs covering awareness, design and workshops are planned in the scheme.
- 27 Project Ideas have been uploaded in MSME Portal and 5 Ideas were shortlisted by RAC and uploaded on the MSME under “New Ideas for New India Scheme”.
- CBIT has applied for the ACIC project to promote a culture of innovation and entrepreneurship and has been shortlisted for the final due diligence out of the 200 Plus Applicants and the only one from Telangana out of 24 institutes selected in India. The Institute will receive a Grant-in-Aid of Rs.2.5 Crores and the Institute has to invest a Matching Amount.

- Intellectual Property Rights (IPR) Policy and Innovation & Incubation Policy of CBIT are approved by the Board. The policies will simplify the process of filing patents and help in promoting Entrepreneurship and start-up culture.
- MoU has been signed with Wind Stream Technologies India (P) Ltd. The activities will cover, Block Chain and Artificial Intelligence Technology, Facilitate the deployment of Wind- Solar Mills and Research into Defense and other Related Product
- CBIT is Exploring Start-up Initiative with the BLUE HUB, the Company (led by alumni of CBIT) has developed a Platform to create Employment for the Unemployed Workforce and Migrant Workers.
- MOU With M/s Kernel Sphere and Digintrude is planned for interaction and incubation of start-ups to work in the areas of Cyber Security System, Transformer Monitoring, GPS Tracking, Grid connected Substation monitoring and other areas like Smart Energy
- CBIT and M/s Cares Renewables (P) Limited, Coimbatore has entered into a MoU on 5th June, 2020 to establish the CoE, "CBIT-CARES, Centre for Solar Photovoltaic System Research".
- CBIT has been awarded an Appreciation Letter and a Certificate from ESF for the support towards the Energy Literacy Drive and certifying more than 500 Students.
- CBIT has established its own Institution's Innovation Cell (IIC) to systematically foster the culture of creative thinking amongst its students aspiring to be entrepreneurs and innovative minds and successfully conducted 12 self driven events, facilitated 28 MIC driven events and 5 IIC calendar events.

ItemNo.8 : **Infrastructure - Academics, Career Development, T- Hub Association, RICH:**

Minutes : Dr. Umakanta Choudhury, Director-Innovation & Incubation explained about T- Hub Association and RICH with specific objectives which are:

- CBIT has partnered for the Launch pad Platform of T-Tribe (One-year long entrepreneurship engagement) that is designed for supporting the students for early stage innovation and channelizing their ideas into the next big start-up. 52 Students from different branches have been nominated for the one year Launch pad program.
- MoU Between CBIT and Research and Innovation Circle, Hyderabad (RICH) has been signed with the Focus, summarized as follows:
 - Protection of IP created by Partner Institutions and create mechanisms to license the IP.
 - Initial evaluations of technical, market, legal and economic feasibility of taking the research to market. Options for scaling up. Providing technological and managerial advice, as required.

- Coordination between training inputs in design thinking, business management, and project execution, for scientists and entrepreneurs and for rapid commercialization of research and innovations.

ItemNo.9 : Institutional Values and Best Practices - Ph D Appointments, 7th Pay Implementation:

Minutes : Principal, CBIT informed that as part of the compliance that need to be met towards Institutional Values and Best Practices CBIT has been in the forefront in implementing all the Statutory Guidelines. Few of them include the Quality and Rank of the Faculty and the Institute has 138 PhDs and other 96 Faculty are pursuing PhD. CBIT is the first and only Institute amongst the self-financing Private Engineering Colleges in the Telangana State to implement 7th PRC from 01-01-2016 to 31-08-2019.

ItemNo.10 : Governance, Leadership and Management - Reforms in Faculty Assessment in line with UGC and AICTE Guidelines

Minutes : Mrs. B. Anne Violet, Head, HR informed that for Faculty Assessment and Procedure the parameters that are adopted at the Institute are in compliance with the AICTE, UGC, NBA, NAAC and NIRF. Faculty Self-Appraisal and evaluation consists of four sections.

Section I: Direct feedback, Indirect Feedback, Result Analysis

Section II: Teaching Learning Activities, Faculty Attributes, Academic Extension Activities

Section III: Social Responsibility Activities, Workshops/Seminars/Conferences

Section IV: Research Publications, Research Consultancy, Awards/ Fellowships, Patents

The 360 degrees Performance Appraisal points will be included in 2019-20 SAR in accordance with the Guidelines issued by AICTE.

ItemNo.11 : Any other item with the permission of the Chair

Minutes : The Agenda was discussed at length and since there were no other queries raised on the presented contents it was concluded that there are no other points to be considered.

Suggestions and concluding Remarks by the Members:

Dr. Sriram Birudavolu, CEO, CCoE, DSCI expressed satisfaction on the initiatives and the systems that have been implemented and also planned for implementation in the Academic Year with special focus on the new Courses in emerging Engineering supported by Research and Innovation engagement to Students and Faculty.

He further added these inputs to be considered:

- 1) Encourage students to publish their work in conferences and Journals as he opined that this participation would increase confidence and self-esteem of the students.
- 2) Encouraging the students to set higher Goals for achievement which would then enable them to do better in their future endeavors.
- 3) Product development or Contributions made by the students are to be improved year after year with additional contributions which would then raise the benchmark to enhance the performance contribution by the students in the subsequent Batches. This incremental work becomes, remarkable after 7 to 8 years. He also stressed on the fact that the Professors / Faculty will have to play the Anchor role for the incremental contributions/ product developments.

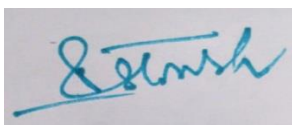
He also said that DSCI as a part of its scope in the MoU signed with CBIT will support the Institution to network with the Global Players in the arena of Cyber Security.

Sri.Venkat Kumar Tangirala, MD, Wind stream Energy Technologies India Pvt. Ltd. contributed as suggestions the following:

- 1) He welcomed Dr.Sriram's concept of consolidation of continuous progress of good work/ contributions to be encouraged amongst the Students.
- 2) The Companies that will be associating with CBIT will have to provide the details on specific employability skills that are required for their Companies so that CBIT can focus on them to increase the employability levels of Students.

The Agenda having been discussed, the Members expressed satisfaction and approved the Plans and Programs for each of the Courses and appreciated the Practices adopted in the areas of Teaching Learning, Research and Innovation. Members also appreciated for Students encouragement in the eco system of research and incubation.

There being no other item, the meeting was concluded with a vote of thanks by the Member, IQAC.



Prof. Suresh Pabboju
Director, IQAC



Prof. P Ravinder Reddy
Chairman, IQAC & Principal