



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY**
An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

45
years

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of the Meeting of "Internal Quality Assurance Cell (IQAC)", Chaitanya Bharathi Institute of Technology, Hyderabad, held on 04-07-2024 from 10:00 AM onwards in a hybrid mode offline in the Conference Hall of CBIT and online through Webex platform.

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Members present:

1. Prof. C.V. Narasimhulu, Principal and Chairman of IQAC
2. Prof. B. S. Rajanikanth, IISc., Bangalore, President's Nominee (Online)
3. Dr Ramesh Datla, Chairman, Elico Ltd. (Online)
4. Sri Ch.V. Krishna Rao, Principal, SGM Government Polytechnic (Online)
5. Dr. C.G.V. Prasad, Formerly Director, Ernst &Young, Hyderabad
6. Prof. P. Ravinder Reddy, Director-HRE
7. Prof. Sushanth Babu, Director-Academics
8. Prof. A. D. Sarma, Advisor-R&D
9. Prof. Umakanta Choudhury, Advisor-I&I
10. Dr. N. L. N. Reddy, Advisor-CDC
11. Prof. Suresh Pabboju, Director-AEC &CoE, CBIT
12. Prof. P. V. R. Ravindra Reddy, Director-SA&P
13. Prof. M. Subramaniam, Head, CET
14. Prof. G. Lakshmaiah, Professor, Mechanical Engineering Department
15. Dr. T. Sudhakar Babu, Associate Professor, EEE & Associate Director, R&D
16. Dr. K. Vinay Kumar Reddy, Associate Professor, Physics
17. Dr G. Vijaya Lakshmi, Associate Professor, Biotechnology (Online)
18. Dr. K. Sowmya, Assistant Professor, SMS
19. Dr. Shirisha Deshpande, Assistant Professor, English Department
20. Prof. Y. Rama Devi, Head, AI&ML (Online)
21. Prof. Sangeeta Gupta, Professor, CSE (Online)
22. Dr. Mallaiah Mekala, Associate Professor, Chemical Engg. Department (Online)
23. Dr. T. Chaitanya Krishna, Assistant Professor, Civil Engg. Department (Online)
24. Dr. T. Pratima, Assistant Professor, IT (Online)
25. Dr. C. Srikanth Reddy, Librarian
26. Ms. Anne Violet, Head, HR Department (Online)
27. Mr. Amay Ramdas Vanneldas, Student Topper (Online)
28. Prof. R. Madana Mohana, Associate Director-IQAC
29. Prof. N. T. Rao, Director-Coordinator/Director-IQAC

Leave of absence:

1. Sri B. Jaipal Reddy, Managing Director, Apollo Computing, Hyderabad
2. Sri Chakravarty Y.S.S.K.K. LTI MINDTREE
3. Sri P. Sai Kumar, Scientist-G, DRDL, Hyderabad

IQAC Meeting Agenda Items and Minutes:

Item No.1	:	Opening Remarks																																																																
Minutes	:	<p>Prof. C. V. Narasimhulu, Principal and Chairman of IQAC, has welcomed the members and presented the opening remarks, shared the following points:</p> <ul style="list-style-type: none"> • CBIT was established in the year 1979 with 3 UG Programs and an intake of 200; it is currently Offering 12 UG Programs with 1680 & 10 PG Programs with 318 intake • 50 acres with a built-up area of 59,664 Sq.mts • Departments offering programs and their intake for A.Y. 2024-25 are as given below: <p>Table 1.1: Programs and their Intake for the academic year 2024-2025 (As approved by AICTE)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">S. No</th> <th style="width: 20%;">Name of the Department</th> <th style="width: 35%;">Programs offered by the Department</th> <th style="width: 10%;">UG</th> <th style="width: 10%;">PG</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td rowspan="2">Civil Engineering</td> <td>B.E - Civil Engineering</td> <td>120</td> <td>--</td> </tr> <tr> <td>M.E - Structural Engineering</td> <td>--</td> <td>18</td> </tr> <tr> <td rowspan="2">2</td> <td rowspan="2">Mechanical Engineering</td> <td>B.E - Mechanical Engineering</td> <td>120</td> <td>--</td> </tr> <tr> <td>M.E - CAD / CAM</td> <td>--</td> <td>18</td> </tr> <tr> <td rowspan="4">3</td> <td rowspan="4">Electronics and Communication Engineering</td> <td>B.E - Electronics and Communication Engineering</td> <td>180</td> <td>--</td> </tr> <tr> <td>B.E - Electronics Engineering (VLSI Design and Technology)</td> <td>60</td> <td>--</td> </tr> <tr> <td>M.E - Communication Engineering</td> <td>--</td> <td>12</td> </tr> <tr> <td>M.E - Embedded Systems and VLSI Design</td> <td>--</td> <td>18</td> </tr> <tr> <td rowspan="2">4</td> <td rowspan="2">Computer Science and Engineering</td> <td>B.E - Computer Science and Engineering</td> <td>360</td> <td>--</td> </tr> <tr> <td>M.Tech - Computer Science and Engineering</td> <td>--</td> <td>24</td> </tr> <tr> <td rowspan="2">5</td> <td rowspan="2">Electrical and Electronics Engineering</td> <td>B.E - Electrical and Electronics Engineering</td> <td>120</td> <td>--</td> </tr> <tr> <td>M.E - Power Systems and Power Electronics</td> <td>--</td> <td>12</td> </tr> <tr> <td rowspan="2">6</td> <td rowspan="2">Information Technology</td> <td>B.E - Information Technology</td> <td>180</td> <td>--</td> </tr> <tr> <td>M.Tech - Information Technology (Artificial Intelligence and Robotics)</td> <td>--</td> <td>18</td> </tr> <tr> <td>7</td> <td>Artificial Intelligence &</td> <td>B.E - Artificial Intelligence and Data Science</td> <td>120</td> <td>--</td> </tr> </tbody> </table>	S. No	Name of the Department	Programs offered by the Department	UG	PG	1	Civil Engineering	B.E - Civil Engineering	120	--	M.E - Structural Engineering	--	18	2	Mechanical Engineering	B.E - Mechanical Engineering	120	--	M.E - CAD / CAM	--	18	3	Electronics and Communication Engineering	B.E - Electronics and Communication Engineering	180	--	B.E - Electronics Engineering (VLSI Design and Technology)	60	--	M.E - Communication Engineering	--	12	M.E - Embedded Systems and VLSI Design	--	18	4	Computer Science and Engineering	B.E - Computer Science and Engineering	360	--	M.Tech - Computer Science and Engineering	--	24	5	Electrical and Electronics Engineering	B.E - Electrical and Electronics Engineering	120	--	M.E - Power Systems and Power Electronics	--	12	6	Information Technology	B.E - Information Technology	180	--	M.Tech - Information Technology (Artificial Intelligence and Robotics)	--	18	7	Artificial Intelligence &	B.E - Artificial Intelligence and Data Science	120	--
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	Data Science	M.Tech - Artificial Intelligence and Data Science	--	18
8	Artificial Intelligence & Machine Learning	B.E - CSE (Artificial Intelligence and Machine Learning)	180	--
9	Computer Engineering & Technology	B.E - CSE (IoT and Cyber Security Including Blockchain Technology)	60	--
10	Chemical Engineering	B.Tech - Chemical Engineering	60	--
11	Biotechnology	B.Tech - Biotechnology	120	--
12	School of Management Studies	MBA (Masters in Business Administration)	--	120
13	MCA	MCA (Masters in Computer Applications)	--	60
Total Intake : 1998 (12 UG Programs & 10 PG Programs)			1680	318

Institute Achievements / Recognitions:

- Accredited by NAAC with "A++" grade in its Third Cycle in the year 2023
- 6 UG Programs and 4 PG Programs are Accredited by NBA
- Ranked 151-200 band by NIRF in 2023, and been continuously ranked since 2016
- Ranked 101-150 band by NIRF-Innovation in 2023
- Rated 4.0 / 5.0 stars performance in 2021-22 & 2022-23 by Institution's Innovation Council (IIC), Ministry of Education
- Ranked 2nd in Telangana Private Engineering Colleges, 9th in South Zone Private Engineering Colleges, 16th in All India Private Engineering Colleges and 41st in India's Best Engineering Colleges by "The Week" magazine, June 2024 edition
- Ranked 60th in Best Colleges of India by "INDIA TODAY" magazine, June 2024 edition
- 248 faculty out of 365 are with Ph.D. qualification
- Completed 86 Sponsored, Consultancy and In-house Projects of worth Rs. 502.49 L.
- 70 Ongoing Sponsored research, Consultancy Projects and In-house Projects of worth Rs. 1099.64 L.
- 92 IPRs are published and 22 Patents are granted.
- Incubated 21 Start-ups in CBIT Incubation Centre.
- 86 MoUs with reputed organizations like The Indus Entrepreneurs (TIE), Osmania Technology Business Incubator (OTBI), CSIR-IICT, MNMikheev Institute of Metal Physics – Russia etc. to improve research, innovation and extension activities.
- Dr T. Sudhakar Babu, Assoc. Prof of EEE is listed in World's Top 2% SCIENTISTS - 2023 survey done by Stanford University, USA & Elsevier
- Faculty members representing in NAAC, NBA & UGC evaluation committees, Project Evaluators at DRDO, ISRO, NRSA, NEAT, AICTE, DHI projects & SERB-DST projects.
- Faculty members are Editors, Editorial Board Members and Reviewers of reputed Journals like IEEE Transactions, Springer, Elsevier etc.

SCOPUS / WoS Publications:

Calendar Year	2022	2023	2024*
Publications - Scopus	350	491	212
Publications - WoS	205	196	105
Citations - Scopus	1517	2619	1498
Citations - WoS	1110	1579	645
Scopus h-Index: 37 Total Citations: 8270	WoS h-Index: 30 Total citations: 4935		

2024* Calendar Year

Sponsored Research /Consultancy Projects:

- 49 Completed Sponsored projects worth of Rs. 330.01 Lakhs
- 26 Completed Consultancy projects worth of Rs. 115.15 Lakhs
- 11 Completed In-House projects worth of Rs. 57.33 Lakhs
- 16 Ongoing Sponsored projects worth of Rs. 992.74 Lakhs
- 08 Ongoing Consultancy projects worth of Rs. 42.13 Lakhs
- 46 Ongoing In-House projects worth of Rs. 64.77 Lakhs

Table 1.2.Sponsored Research /Consultancy Projects

S. No	Category	Completed Projects	Ongoing Projects	Total
1	Sponsored Projects	48	14	62
2	Sponsored Projects to the Institute (Sharing)	ACIC	01	01
		SPICES	--	01
		IDEA Lab	01	01
3	Consultancy Projects	26	08	34
4	In-House Projects	11	46	57
Total		86	70	156

Students Achievements – Placements:

- 696 students are placed in 2023-24 in leading MNCs viz., Atlassian, Microsoft, Salesforce, Deliveroo, Goldman Sachs, F5 networks, Oracle, JPMC, Service Now, etc. with higher CTC of 59.91 Lakhs, median CTC of Rs. 6.00 Lakhs and an average CTC of Rs. 8.90 Lakhs. 320 students are placed with CTC greater than Rs. 7.00 Lakhs and 163 students with CTC greater than Rs. 10.00 Lakhs.
- More than 80% eligible UG students & 50% eligible PG students are placed and the rest opted for Higher Education.

Prof. Rajanikanth enquired regarding the NIRF Rank for the current year. The Principal replied that the NIRF-2024 Rank has not yet been declared and is expected to be announced soon. When asked about the rank number, the Principal explained that colleges are listed in alphabetical order within each band of rank categories.

	<p>Sri Ramesh Datla wanted to know about placements, specifically how many students have been placed in core engineering companies. The Principal responded that the CDC Advisor would provide the details during agenda item-6 (CDC Activities).</p>
Item No.2	: To approve the minutes of the IQAC Meeting held on 08-06-2023
Minutes	: The Director, IQAC, presented the Minutes of the IQAC meeting held on 08-06-2024 and explained the action taken on each agenda item. Members approved the minutes without any questions.
Item No.3	: IQAC Activities
Minutes	<p>: The Director, IQAC, Dr N. T. Rao informed regarding the members of the IQAC Committee and its composition.</p> <p>Prof. Rajanikanth inquired whether all special invitees hold significant roles elsewhere. The Director-IQAC clarified that the first three members (Prof. A.D. Sharma, Prof. Umakantha Choudhury, and Dr. N.L.N. Reddy) are current employees of CBIT and are on the payroll, while the last member, Sri P. Sai Kumar, Scientist G, DRDL, Hyderabad, is an external member. Prof. Rajanikanth sought confirmation that there are no retired individuals on the IQAC committee. The Principal confirmed that this can be addressed in the next reconstitution of the committee.</p> <p>The Director, IQAC, then presented the IQAC activities carried out during 2023-24.</p> <p>IQAC Activities :</p> <ul style="list-style-type: none"> • NAAC has accredited CBIT with A⁺⁺ grade with a score of 3.54 out of 4.0 for five years from June 2023 to June 2028 • NBA team visited CBIT campus in January 2024 and accredited four PG programs, namely, 1) Structural Engineering, 2) CAD/CAM, 3) Power Systems & Power Electronics and 4) Communication Engineering for a period of three years up to 30-06-2027. • In March 2024, an NBA team during an onsite visit has verified the submitted data and accorded accreditation for five undergraduate programs in engineering, 1) Civil Engineering, 2) Mechanical Engineering, 3) Electronics & Communications Engineering and 5) Computer Science & Engineering for a further period of three years till June, 2027. • An Annual Quality Assurance Report (AQAR) for the year 2022-2023 was submitted to NAAC in April 2024 • NBA accreditation for two UG programs, B.Tech. in Chemical Engineering and B.Tech. in Biotechnology, is being planned. Additionally, accreditation for two PG programs, M.E. in Embedded & VLSI and M.Tech. in CSE, is also being planned. • Six UG programs and four PG programs are already NBA accredited and are valid until June 2027. This implies that the mandatory three-year data for NBA accreditation will begin from the current academic year 2024-2025. Therefore, the databases are being prepared well in advance for the 2027 accreditation process. • Similarly, NAAC accreditation, which is till 2029, needs five year data and hence preparations for 2029 are also underway.

	<p>NIRF:</p> <ul style="list-style-type: none"> The Institute participated in Engineering, Innovation and Overall categories In NIRF 2024 Ranking. <p>A well-documented Brochure is released highlighting the achievements and information of the institute. The same is sent to employers / recruiters / funding agencies / NBA, NAAC evaluators and academic peers to enhance the perception of CBIT so that a better ranking can be achieved.</p>																																																																																						
Item No.4	Admissions, introduction of new programs, intake, etc.																																																																																						
Minutes	<p>The Director, AEC&CoE, presented details about admissions, existing intake, and results for both UG & PG programs during 2023-24, along with information on new programs and intake for A.Y. 2024-25 and Working Professional Courses for UG & PG in A.Y. 2024-25.</p> <p>The following are the some of the data points that he highlighted.</p> <p>Review of Academic Activities since the last meeting (from June, 2023 to June, 2024)</p> <p>CBIT is offering 12 UG and 10 PG Programs including MBA & MCA.</p> <p>Admissions:</p> <p>All the UG & PG admissions including Management Quota (B-Category) are based on merit and as per State Government / AICTE / UGC norms.</p> <p>UG Admissions:</p> <p>In the academic year 2023-24, 98.4% of UG seats have been filled. The best EAMCET Rank is 524 and many are below 1000 rank. UG intake and admissions details for the last three academic years are given below:</p> <p>Table 4.1. B.E. /B.Tech. Intake and Admissions in the Last 3 Years</p> <table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th rowspan="2">Program/ Course</th> <th colspan="2">2021-22</th> <th colspan="2">2022-23</th> <th colspan="2">2023-24</th> </tr> <tr> <th>Intake</th> <th>Admitted</th> <th>Intake</th> <th>Admitted</th> <th>Intake</th> <th>Admitted</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Civil</td> <td>120</td> <td>126</td> <td>120</td> <td>101</td> <td>120</td> <td>123</td> </tr> <tr> <td>2</td> <td>CSE</td> <td>180</td> <td>197</td> <td>180</td> <td>192</td> <td>180</td> <td>198</td> </tr> <tr> <td>3</td> <td>EEE</td> <td>120</td> <td>124</td> <td>120</td> <td>110</td> <td>120</td> <td>123</td> </tr> <tr> <td>4</td> <td>ECE</td> <td>180</td> <td>194</td> <td>180</td> <td>190</td> <td>180</td> <td>193</td> </tr> <tr> <td>5</td> <td>MECH</td> <td>120</td> <td>119</td> <td>120</td> <td>105</td> <td>120</td> <td>116</td> </tr> <tr> <td>6</td> <td>IT</td> <td>180</td> <td>196</td> <td>180</td> <td>195</td> <td>180</td> <td>201</td> </tr> <tr> <td>7</td> <td>CHEM</td> <td>60</td> <td>44</td> <td>60</td> <td>46</td> <td>60</td> <td>47</td> </tr> <tr> <td>8</td> <td>BIOTECH</td> <td>60</td> <td>64</td> <td>60</td> <td>63</td> <td>60</td> <td>64</td> </tr> <tr> <td>9</td> <td>CSE(AI&ML)</td> <td>60</td> <td>66</td> <td>60</td> <td>63</td> <td>60</td> <td>64</td> </tr> </tbody> </table>	S. No.	Program/ Course	2021-22		2022-23		2023-24		Intake	Admitted	Intake	Admitted	Intake	Admitted	1	Civil	120	126	120	101	120	123	2	CSE	180	197	180	192	180	198	3	EEE	120	124	120	110	120	123	4	ECE	180	194	180	190	180	193	5	MECH	120	119	120	105	120	116	6	IT	180	196	180	195	180	201	7	CHEM	60	44	60	46	60	47	8	BIOTECH	60	64	60	63	60	64	9	CSE(AI&ML)	60	66	60	63	60	64
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8	BIOTECH	60	64	60	63	60	64																																																																																
9	CSE(AI&ML)	60	66	60	63	60	64																																																																																

10	CSE(IOT&CS)	60	65	60	64	60	64
11	AI&DS	120	127	120	128	120	129
12	AI&ML	60	65	60	64	60	63
	TOTAL - UG	1320	1387*	1320	1321*	1320	1385*

*Indicates EWS category included

Table 4.2. Summary of year-wise intake and admissions

Academic Year	Intake	Admissions	Admissions Percentage
2021-22	1320	1387* (1288 + 99 EWS)	97.6
2022-23	1320	1321* (1249 + 72 EWS)	94.6
2023-24	1320	1385* (1299+86 EWS)	98.4

*(1288 + 99 EWS) =1387 * (1249+72 EWS) =1321 *(1299+86 EWS)=1385

PG Admissions:

In the academic year **2023-24, 81.10%**of PG seats have been filled.

The best PGE CET Rank for M.E/ M.Tech is **21**.

The best ICET Rank for MBA is **155**.

The best ICET Rank is MCA is **72**.

PG intake and admissions details for the last three academic years are given below:

Table 4.3. M.E./M.Tech, MBA and MCA Intake and Admissions in the Last 3 Years :

Program/ Course	2021-22			2022-23			2023-24		
	Intake	Admitted	Admission %	Intake	Admitted	Admission %	Intake	Admitted	Admission %
MBA	120	120+9*	100	120	120+8*	100	120	120+7*	100
MCA	60	60+5*	100	60	60+4*	100	60	60+4*	100
ME(CIVIL-SE)	25	20	80	25	18	72	25	13	52
ME(MECH-CAD/CAM)	25	7	28	25	14	56	25	11	44
ME(MECH-TE)	18	7	38.9	18	6	33.3	18	7	38.9
ME(ECE-CE)	18	4	22.2	18	5	27.8	18	9	50.0
ME(ECE-ESVLSI)	18	11	61.1	18	11	61.1	18	15	83.3
ME(EEE-PS&PE)	18	7	38.9	18	9	50.0	18	10	55.6

M.TECH(CSE)	24	14	58.3	24	18	75.0	24	17	70.8
MTECH(AI&DS)	18	12	66.7	18	9	50.0	18	17	94.4
TOTAL - PG	344	276*	76.2	344	282*	78.5	344	290*	81.1

*Indicates EWS category included

Table 4.4. Year-wise intake and admissions

Academic Year	Intake	Admissions	Admissions Percentage
2021-22	344	276 (262+14 EWS)	76.16
2022-23	344	282 (270+12 EWS)	78.48
2023-24	344	290 (279+11 EWS)	81.10

Measures taken for improving quality and no. of admissions:

- Admissions committee is formed with members from all the courses particularly core engineering courses.
- Institute brochure has been prepared with all the relevant information.
- 373 Faculty members were recruited against the AICTE requirement of 324.
- Providing opportunities of additional Minor Engineering degree in CSE allied courses particularly for core engineering courses in addition to the regular major degree.
- Admission Counselors are nominated for each course.

Proposed UG & PG Courses - New / Merger / Closure, Increase / Reduction in Intake from the academic year 2024-25.

S. No.	Course	Existing Intake for the A.Y. 2023-24	Approved Intake for the A.Y. 2024-25	Remarks
1.	B.E. – Electronics Engineering (VLSI Design and Technology)	--	60	60 (New Course)
2.	M.Tech. - Information Technology (Artificial Intelligence and Robotics)	--	18	18 (New Course)
3.	B.E. - Artificial Intelligence and Machine Learning	60	00	60 (Closure/ Merger)
4.	M.E. - Thermal Engineering	18	00	18 (Closure)
5.	B.E. Computer Science & Engineering	180	360	180 (Increase)
6.	B.E. - Computer Science and Engineering (Artificial Intelligence and Machine	60	180	60 (Increase) + 60 (Merger)

	Learning)			
7.	B.Tech. – Biotechnology	60	120	60 (Increase)
8.	M.E. - Structural Engineering	25	18	7 (Reduction)
9.	M.E. - CAD / CAM	25	18	7 (Reduction)
10.	M.E. - Communication Engineering	18	12	6 (Reduction)
11.	M.E. - Power Systems and Power Electronics	18	12	6 (Reduction)

- AICTE has approved the above courses from the academic year 2024-25.
- Osmania University issued No Objection Certificates.
- Waiting for State Government GOs.

Table 4.6. B.E./B.Tech Courses for Working Professionals

S. No	UG Courses	Intake Approved
1	Computer Science & Engineering	30
2	Civil Engineering	30
3	Mechanical Engineering	30

Table 4.7. M.E./M.Tech Courses for Working Professionals

S. No	PG Courses	Intake Approved
1	Computer Science & Engineering	15
2	Embedded System and VLSI Design	15
3	Structural Engineering	15

- AICTE has approved the above courses from the academic year 2024-25.
- Osmania University has initiated the admission process.

Conduct of Class Work

The class work has been conducted without deviations from the scheduled Almanacs.

Conduct of Examinations

All the Examinations have been conducted as per the Almanacs.

Result Analysis:

The results (pass percentage) of the outgoing batches for the academic year 2023-24 of B.E./B.Tech & MCA 90.44% & 100.00% respectively. MBA results for awaited & M.E. / M.Tech final semester exams will be conducted in the month of August 2024.

Results of the last three academic years are given below:

Academic Year	Distinction Percentage	Pass Percentage
2021-22	74.10	96.42
2022-23	83.82	95.60
2023-24	77.06	*90.44

* These results are before

- Announcement of revaluation results of VIII semester exams
- Announcement of supplementary examinations results of I to VI semester and makeup examinations.

M.E. / M.Tech. (Outgoing batch) Results from 2021-22 to 2023-24

Academic Year	Distinction Percentage	Pass Percentage
2021-22	68.42	82.11
2022-23	71.62	89.19
2023-24	M.E. / M.Tech final semester exams will be conducted in the month of August 2024	

MCA (Outgoing batch) Results from 2021-22 to 2023-24

Academic Year	Distinction Percentage	Pass Percentage
2021-2022 (3 Years Program)	88.64	93.18
2021-2022 (2 Years Program)	77.59	91.38
2022-23	74.60	100.00
2023-24	92.06	100.00

MBA (Outgoing batch) Results from 2021-22 to 2023-24

Academic Year	Distinction Percentage	Pass Percentage
2021-22	92.17	95.65
2022-23	87.70	100.00
2023-24	Exams were conducted and results awaited	

The IQAC meeting noted that CBIT admissions are on the right course and everyone make efforts to ensure that the institution continues its good work to attract the best talent.

	<p>Prof. Rajanikanth queried about the faculty count of 373 recruits since the last IQAC meeting. The Director, AEC&CoE, clarified that this is the total faculty count as of now. Prof. Rajanikanth and other members asked how many faculty were recruited since the last IQAC meeting. The Principal responded that this would be presented during Agenda Item-10 (HR aspects) by Head-HR.</p>
Item No.5	: Proposed changes for the academic 2024-2025
Minutes	<p>: Prof. M. Sushanth Babu, Director-Academics, gave a presentation on various aspects on the scheme and regulations of R22 and proposed changes in academics for the year 2024-25 by highlighting the discussions held during the Academic Council meeting that was held on 02.07.2024. Some of the salient features of his presentation included:</p> <ul style="list-style-type: none"> • The upskill certification courses are included in the semester break. The credits that were allocated featured 1) a 0.5 credit for upskill certification course-I for III semester students; 2) and a 0.5 credit is allocated for upskill certification course-II for V semester students. • The Internship-III is replaced with Mini Project with 02 credits that students need to pursue in the VI Semester. • As per the suggestions and recommendations received from stakeholders, exercise problems from Problem Solving and Programming can be practiced on platforms like Hacker Rank and others. <p>5.1. Revisions in Academic Regulations of R-22 and R-22A</p> <p>The following points are related to the new revisions made in the Academic Regulations of R-22 and R-22A.</p> <ul style="list-style-type: none"> • The Internship-III (03 Credits) is replaced with Upskill Certification courses (0.5 Up-Skill certification Course-I + 0.5 Up-Skill certification Course-II) and a Mini Project with 02 Credits. • Based on the requests from the HODs, the following courses are provided with the following options: <ul style="list-style-type: none"> a) Problem Solving and Programming is offered as Problem Solving and Programming Using C and Problem Solving and Programming using Python. Similarly the same changes are applicable to the Problem Solving and Programming Lab. b) Data Structure Course and Lab is offered as Data Structure using C, Data Structure using Python and Data Structure using C++. c) Community Engagement syllabus is revised and the credit is reduced from 1.5 to 1.0 d) Emerging areas are included in Professional and Open Electives. Some professional electives are mandated with lab courses. e) Compared to R-22 CIE, in R-22A, the 3 Assignments and 2 slip test are replaced with 2 Case Studies. <p>Prof. Rajanikanth asked about the introduction of case studies in R22A instead of assignments and if they are fixed in any semester. The Director, Academics, clarified that there is one case study for each subject every semester. Regarding students who fail to complete the case study, various categories are available for them to choose from.</p>

	<p>Prof. Rajanikanth suggested that the Internship-II (After IV Sem) Industrial Internship/Rural Internship in the Proposed R22 (A) regulations include Academic Internship as an option, allowing students to complete it at institutions such as IITs & IISc. He also suggested specifying the proposed Plagiarism similarity percentage with references inclusive or exclusive. The Director, Academics, clarified that the proposed Plagiarism similarity percentage tables show without references and agreed to include the suggestion.</p> <p>Prof. Rajanikanth inquired about the marks allocation for B.E/B.TECH, M.E/M.TECH projects for students with publications or patents, suggesting a revised evaluation method. The Principal and Director, Academics, agreed to consider the suggestions.</p> <p>He also asked if the Open elective, applicable for UG students, requires a minimum of 30 students to opt for the course and if it applies to PG students. The Director, Academics, clarified that this regulation is only for UG students.</p> <p>Sri C.G.V. Prasad, Director-E&Y (Nominee from Industrialists), suggested reconsidering the 5 marks allocated for attendance based on feedback from parents and students, advocating for a more autonomous approach.</p>
Item No.6	: Activities of CDC in the academic year 2023-2024 that resulted in improved quality placements
Minutes	<p>Dr. N. L. N. Reddy, Advisor, CDC, presented the efforts undertaken by the CDC to ensure successful placements, despite the challenges faced by many institutions in placing their students.</p> <p><i>Vision:</i> To empower students to achieve their career goals, thereby contributing to the socio-economic growth of the nation.</p> <p><i>Mission:</i></p> <ul style="list-style-type: none"> • Enlightening and guiding students in setting their career goals. • Imparting soft skills, domain knowledge, and professional ethics to students through training activities, enabling them to achieve their career aspirations. • Striving to place all eligible and interested students by strengthening Industry-Institute Interactions. <p>Career Development Programs conducted for the Academic Year 2023-24:</p> <ul style="list-style-type: none"> • 65 industry events, 19 faculty PCs, and 52 student PCs. • 435 core placements in 2023-24 to date. • A total of 696 students placed in 2023-24 to date, with 163 students securing a CTC of ₹10 LPA or more and 320 students securing a CTC of ₹7 LPA or more. • Highest salaries (in ₹ Lakhs) for A.Y. 2023-24: ₹59.9 LPA (Atlassian), ₹49.0 LPA (Microsoft), ₹44.5 LPA (Salesforce & Electronic Arts), ₹24.0 LPA (Goldman Sachs), etc. • 67 industry internships with PPOs, with the highest stipends of ₹1.30 L per month (Atlassian), ₹1.25 L per month (Microsoft & Google), ₹1.20 L per month (Goldman Sachs), ₹1.10 L per month (Amazon), ₹1.02 L per month (DE Shaw), and ₹1.0 L per month (PayPal & Arcesium), etc.

	<p>Innovative Practices:</p> <ul style="list-style-type: none"> • Arranging company-specific virtual meetings between placed students and current students preparing for placements. • Conducting mock placements by successfully placed senior students and Student Placement Coordinators. • Training students on coding platforms like HackerRank, HackerEarth, CodeChef, and LeetCode from the third semester onwards to ensure quality placements through Coding School. • Emphasizing certifications like Cloud by AWS, Android by Google, Data Analytics by IBM, .Net by Microsoft, and Java by Oracle, etc. • Encouraging students to participate in hackathons and coding competitions through Hackathon and Coding Clubs. • Encouraging students to create LinkedIn profiles. • Raising awareness about online courses offered by platforms like Coursera, Udemy, Udacity, LinkedIn, etc. • Integrating soft skills training into the curriculum. • Skilling non-IT students in coding to enhance their placement prospects. <p>Addressing the inquiry by Sri Ramesh Datla during the Opening Remarks, the Advisor, CDC, explained the statistics of placements, including core placements.</p> <ul style="list-style-type: none"> • 30 core companies visited in 2023-24, placing 435+ students in core companies. Prof. Rajanikanth asked for details on Electrical Engineering and Biotechnology placements, as well as PG student placements. The Advisor-CDC noted that 40% of eligible PG students were placed and highlighted the challenges faced with core companies. • Sri Ramesh Datla requested a division of the 435 core placements by discipline and sector. The Advisor-CDC mentioned that the list is available and can be shared. • Prof. Rajanikanth questioned the low placements in Biotech and the reduction in EEE placements, comparing it to other institutions. The Advisor-CDC and Principal acknowledged the gaps and agreed to work on them. • Sri C.G.V. Prasad shared his perception feedback from parents and students about CBIT's improved discipline since last one year i.e. 2023-24, openness, and transparency in admissions, and market perception, which has positively influenced admissions.
<p>Item No.7</p>	<p>: Quality assurance in the activities related to students' progression</p>
<p>Minutes</p>	<p>: The Director, Student Affairs & Progression Prof P.V.R. Ravindra Reddy, gave glimpses of notable recognitions and achievements of students from the academic year 2023-24.</p> <ul style="list-style-type: none"> • All the clubs (both technical and non-technical) at CBIT are actively conducting events, organizing guest/expert lectures relevant to their focus areas, and participating in inter-university and national events. • In total, 64 events have been organized by CBIT clubs for the academic year 2023-24. • There have been 260 achievements in co-curricular activities and 23 in extracurricular activities.

	<p>Notable achievements include:</p> <ul style="list-style-type: none"> • Received ₹1 lakh in incubation support from the Kushi AI Bot Ideathon organized by Osmania University. • Won gifts worth ₹45,000 from the Pepsico Campus Conclave. • Won 11 awards for best papers and posters at international and national conferences. • 829 students completed NPTEL certification courses with 20 elite+ gold and 169 with Elite+Silver. • 59 students participated in various hackathons and conferences organized at national and international levels. • Won gold and silver medals for various sports activities (Discus throw, archery, etc.) at 9th Telangana State Junior Athletics Championship -2023, Intercollege Tournament, Osmania University <p>Apart from encouraging students to actively participate in various conferences, seminars, workshops, internships, etc., college is also following the long-standing practice for addressing the slow learners in the form of remedial classes. It is observed that many of the initial slow learners later turned out to be making up well in their studies.</p> <p>Members appreciated the good showing of students of CBIT and pointed out the importance of curricular and co-curricular activities in shaping up well-rounded students.</p>
Item No.8	: Research and Development Activities
Minutes	: Prof. A. D. Sarma, Advisor-R&D, has presented the facilities provided by the R&D Department to all academic departments, including infrastructure facilities. He presented the details of ongoing sponsored and consultancy projects including in-house projects and also research activities being conducted from last IQAC meeting. <p>The details are as follows</p> <ol style="list-style-type: none"> a) Five sponsored projects worth of Rs. 162.37 Lakhs, four consultancy project worth of Rs. 4.66 Lakhs and one ATAL FDP worth of 3.5 Lakhs are sanctioned. b) The institute has organized 5th Research Day on 18 November 2023. The 5th Research Day (18 November 2023) is successfully completed and it has inspired many faculty members and researchers in initiating research-based start-ups and maintaining high standards in research and teaching. 381 quality research papers were selected. A total of 22 sessions related to various departments were conducted in a highly professional and interactive manner. c) Prof AD Sarma has also informed that the institution provides seed money to the prospective students/faculty to motivate them to carryout projects in the latest areas which would be help the society. This year, 32 major faculty projects worth of Rs. 55,40,760/-, 18 minor faculty projects worth of Rs 9,32,274/- and 30 students projects worth of Rs. 6,35,861/- were sanctioned. . d) Further, the meeting was also informed that the institute provides registration fee up to a maximum of Rs. 10000/- for publishing and participating in Reputed Conference / Symposium / Workshop resulting in

	<p>improving number of publications and citations of CBIT. Registration fee worth of Rs. 60,226/- to 8 faculty members worth of Rs. 2,71,097/- to 34 students were approved in the past one year.</p> <p>e) Since inception of the institute, faculty published a total 2987 plus publications and have 13,205 plus citations as per Scopus and web of science data bases as on 30th June 2024.</p> <p>f) CBIT has allocated budget to R&D activities an amount of Rs. 2,16,87,655/- for the academic year 2023-24 and R&D utilized an amount of 2,06,16,045/- R&D proposed a budget for an amount of 2,79,13,118/- for the academic year 2024-25.</p> <p>Prof. Rajanikanth requested department-wise publication data, which the Advisor-R&D agreed to present before the meeting ends.</p> <p>Sri Ramesh Datla noted no private companies are coming for consultancy and project work, suggesting a focus on industry expectations and competencies.</p>
<p>Item No.9</p>	<p>: Innovation Ecosystem, T-Hub and T-Tribe, MSME Collaboration, IPRs, IIC, ACIC-CBIT and EDC Activities</p>
<p>Minutes</p>	<p>: Prof. Uma Kant Choudhary, Advisor, I&I, presented Innovation Ecosystem, T-Hub, T-Tribe, MSME Collaboration, IPRs, IIC, ACIC-CBIT, and EDC Activities.</p> <p>Some of the highlights are given below:</p> <p>I&I Activities</p> <ul style="list-style-type: none"> • I&I has conducted 58Plus programs and associated large number of students, faculties in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., to establish innovation and entrepreneurship ecosystem. • IPR day, National Technology Day, Innovation Day etc. were also celebrated to increase the awareness among students. • Performance Rating: CBIT's Institution Innovation Cell was awarded with 4 Star Rating for Innovation related programs conducted as per Ministry of Education Innovation Cell (MIC) guidelines. (Evaluated by MIC). There were 26 Institutions got 4 Start Rank in SCRO zone. And 142 Institutions from all over India. • CBIT's IIC was awarded the certificate (best ranking) for the Poster session displaying Innovation Ecosystem/Achievement by CBIT during IIC Regional Meet arranged on 11th December, 2023 by MIC at IARE, Hyderabad. • ARIIA Rating: CBIT has been placed under 101-150 Rank for NIRF – Innovation. • CBIT has been selected as Mentor Institute by Ministry of Education Innovation Cell(MIC) and is mentoring five Engineering colleges including one degree college for Innovation activities. <p>Collaborations with T-Hub, &TiE Hyderabad and MSME for Developing Entrepreneurship Culture</p> <ul style="list-style-type: none"> • TiE Hyderabad conducted Entrepreneurship related program at CBIT, Hyderabad with the theme as Education to Entrepreneurship. • MSME Hyderabad and CBIT jointly Conducted FDP/MDP following programs on at CBIT Hyderabad with participation from CBIT and Other colleges.

- FDP on "Establishment and Management of Business Incubators" during 14th-18th March 2023.
- Management Development Programme (MDP) on Analytics Data Driven Decision Making Sponsored by Ni-MSME, during 13th –17th March, 2023.

MSME Ministry, Govt. of India has promoted the scheme Idea Hackathon, 2022 (MSME Idea Hackathon 2.0 and 3.0) to promote and support untapped creativity and to promote adoption of latest technologies in MSMEs that seek the validation of their ideas at the proof-of-concept level. Faculties, Students, 4 MSMEs and one start-up have applied for 9 Nos Idea Development Innovative projects under MSME Hackathon-2. Two Faculties Idea Projects were approved for funding Rs. 15 lakhs for each Project with 85% funding by MSME through CBIT's Business Incubator for funding as follows.

Table 9.1. Projects Funded by MSME through CBIT's Business Incubator

S.No.	Project Title	Project ID	Project Cost
1	Design and Development of Low Cost LVAD By Prof. P. Ravinder Reddy, I/C Dir(HRE)	IDEATS008832	Rs.15 Lakhs (85 % funding)
2	Mycelium Fungi Spores based conversion of Cellulose waste to Graphene Nano-material for Hydrogen Fuel Generation By Dr. M. Bhanu Chandra, Assc. Prof. , ECE	IDEATS008537	Rs. 15 Lakhs (85 % funding)

For the current year (2023-24), 43 Innovative Ideas have been uploaded by students, Faculties and MSMEs, and Startups (Women Innovator) in the MSME portal for funding under Hackathon-One Idea (project cost Rs 15 Lakhs) has been sanctioned with 85% funding as follows.

Table 9.2. Funding by MSME under Hackathon-One Idea

SI No	Description (Innovation Related)	Project Cost
1	Design of a wearable Electromyography system (EMG) system for Epilepsy Patients using IoT and Deep Learning Student Name: Agatha (H. T.160120735125) (passing out this year) Guide Name: Dr. S. Siva Priyanka	Rs 15 Lakhs.

Collaborating with esteemed institutions like BITS Pilani, Hyderabad Campus, opens doors for student projects, with opportunities for select individuals to pursue direct PhD admissions at BITS Hyderabad. 21 students were nominated for carrying out their project works at BITS. A few of them are applying for Direct PhD program under this MoU.

IPRs:

A number of IPR related programs have been conducted by CBIT's IIC.

- Total Number of IPRs count is: 114
- IPRs (Patents Granted): 22
- IPRs (Patents) Published: 92

It is proposed to file 25 Nos. Patents and put effort for 6 IPR Grants for the current academic year. Start-ups, students and faculties are being encouraged to file Patents.

Application will be submitted to MSME for funding the proposed MSME-Intellectual Property Facilitation Centre (IPFC). Efforts are being made for commercialization for 2022-23 CBIT Patents through T-Hub and CbaaS.

Prof. Rajanikanth inquired about the Ph.D. admission of a CBIT student at BITS Pilani, which was clarified as a full-time program at BITS Pilani with no direct collaboration with CBIT, but with potential co-supervisor guidance from CBIT faculty.

Sri Ramesh Datla asked about IPRs, and the Advisor-I&I clarified the focus on utility patents over design patents and the need to increase copyrights.

Regarding startups, Prof. Rajanikanth asked for data on startups originated from students, faculty, and staff efforts. The Advisor-I&I provided some details and agreed to present comprehensive data in the next meeting.

Item No.10

: HR aspects with respect to improvement of quality in the organization

Minutes

: The Head of HR, Ms Anne Violet, gave a brief outline of HR activities. She mentioned that the primary focus of the HR Department is the talent acquisition without any compromise on the standards established by the Advisory Board. Further, she also presented a flowchart explaining the process of recruitment.

She also gave the faculty strength of 2023-2024 as on date presented vis-à-vis 2022-2023 shown in Table below.

Table 10.1. Faculty on Rolls

S. No	Category	2022-2023	2023-2024
1	Professors	38	44
2	Associate Professors	50	58
3	Assistant Professors	252	256
4	Adjunct Professors	NA	07
5	No of PhDs	200	240
6	Faculty recruited with PhD in 2023-2024	33	31
Total Faculty on rolls		347	365


The Head, HR, in her presentation, also mentioned that 6th CPC scales for the internal and external (applicants) were introduced in order to encourage the prospective candidates for better motivation. She remarked that it is observed that PhD pursuing internal faculty are motivated to complete qualitative research earlier and get placed in the 7th CPC scales upon completion of PhD.

	<p>Ms Anne Violet has informed the meeting of some notable numbers as follows:</p> <p>Notable Numbers:</p> <p>Faculty Count: 365 ; Women faculty: 135 ; Number of PhDs: 240</p> <p>Diversity:</p> <ul style="list-style-type: none"> • Faculty members from more than a dozen different states of India are on rolls now • Performance Appraisal is linked to annual increments • Around 7 -10 faculty members are recruited from IITs and NITs during the current academic year. <p>The Head, HR also gave a brief account of Performance Appraisals in CBIT that were introduced in the year 2019. Evaluation parameters have always been on the rise every year conforming to the regulatory agencies like UGC and AICTE as well as accrediting bodies like NBA, NAAC and others. Some of the major factors considered for the appraisal include, student feedback; student pass percentage / mentoring; research projects / publications/ patents / conferences; contribution to the institution in the form additional responsibilities shouldered for the institution, pedagogical initiatives/ extension activities not limited to supervision of research work, involvement in external academic activities, membership of external academic bodies and others.</p> <p>She concluded by saying that the HR Department hopes to carry out a background verification of the prospective candidates in the future. One of the major targets for the HR Department that are being set forth includes adoption of technology for good governance in CBIT.</p>
Item No.11	: Any other item with the permission of the Chair
Minutes	: <p>The Head of HR inquired about the support system available for startups incubated at ACIC-CBIT, specifically concerning her startup, StrategyM. The Advisor of Innovation & Incubation responded that they would discuss and clarify the support system. While appreciating the initiatives related to innovation and startups, the Head of HR sought clarification on the support that CBIT extends to ongoing startups being established or incubated under ACIC-CBIT. She also inquired whether the startup, StrategyM, incubated under ACIC-CBIT, is officially recognized. Prof. U. K. Chowdhury confirmed that it is indeed recognized as a faculty/staff startup under ACIC-CBIT.</p> <p>The Advisor-R&D presented the flyer for the upcoming 6th research day-2024, scheduled for 13th-14th December 2024, featuring six international conferences.</p> <p>The Principal thanked Prof. Rajanikanth for providing internship opportunities at IISc for CBIT Biotechnology students.</p> <p>Prof. Laxmaiah, Noda officer-NIRF, CBIT, discussed the publication scope for improving NIRF ranking. Prof. Rajanikanth replied that the CBIT-listed publication group is extensive and includes a sufficient number of journals.</p>

	The Principal proposed a vote of thanks, aiming to make CBIT a top choice for students aspiring to join IITH and to fulfill the discussions held in the IQAC meeting.
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Vote of Thanks: There being no other point, the meeting is concluded with a vote of thanks by Prof. C.V. Narasimhulu, Principal, CBIT.




Prof. C. V. Narasimhulu
Principal & Chairman-IQAC

To
All the Members of IQAC, for information.

Note: All the IQAC members are requested to offer comments, if any, within a week of receipt of the Minutes. If no comments are received, the Minutes will be deemed to have been confirmed.