



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

46
years

INTERNAL QUALITY ASSURANCE CELL

Minutes of the Meeting of "Internal Quality Assurance Cell (IQAC)", Chaitanya Bharathi Institute of Technology, Hyderabad, held on 22-05-2025 from 11:30 AM onwards in a hybrid mode, offline in the conference hall of CBIT and online through Webex platform.

Members Present:

1. Prof. C.V. Narasimhulu, Principal and the Chairman of IQAC
2. Prof. B. S. Rajanikanth, IISc., Bangalore, President's Nominee (Attended on Webex)
3. Sri Ch.V. Krishna Rao, Principal, SGM Government Polytechnic
4. Prof. P. V. R. Ravindra Reddy, Vice-Principal (Admin.)
5. Prof. K. Krishna Veni, Vice-Principal (Academics)
6. Prof. P. Ravinder Reddy, I/c Director&Head-R&E Hub
7. Prof. Suresh Pabboju, Director-AEC & CoE
8. Prof. B. Linga Reddy, Director-SA&P
9. Prof. P.Prabhakar Reddy, Director-Academics
10. Prof. A. D. Sarma, Advisor-R&D (Attended on Webex)
11. Prof. Umakanta Choudhury, Advisor-I&I
12. Dr. N. L. N. Reddy, Advisor-CDC
13. Prof. G. Laxmaiah, Professor, MED and NIRF Nodal Officer
14. Prof. Y. Rama Devi, Head, AI&ML
15. Prof. M. Subramaniam, Professor, CET
16. Dr. C. Srikanth Reddy, Librarian
17. Dr. T. Sridevi, Associate Professor, CSE
18. Dr. T. Sudhakar Babu, Associate Professor, EEE & Associate Director, R&D
19. Dr. Mallaiah Mekala, Associate Professor, Chemical Department
20. Dr. K. Vinay Kumar Reddy, Associate Professor, Physics
21. Dr. Shirisha Deshpande, Assistant Professor, English Department
22. Dr. T. Chaitanya Krishna, Assistant Professor, Civil Engineering Department
23. Dr. T. Pratima, Assistant Professor IT and Asst. Director-CDC
24. Sri. J. Bala Subramanyam, i/c Head, HR Department
25. Ms Vangala Bhavya Sri, Student Topper
26. Dr. T. Murali Krishna, Associate Director-IQAC
27. Prof. N. V. Koteswara Rao, Director-IQAC

Leave of absence:

1. Sri B. Jaipal Reddy, Managing Director, Apollo Computing, Hyderabad
2. Dr Ramesh Datla, Chairman, Elico Ltd
3. Sri Chakravarty Y.S.S.K.K. LTIMINDTREE
4. Dr. C.G.V. Prasad, formerly Director, Ernst & Young, Hyderabad
5. Sri P. Sai Kumar, Scientist-G, DRDL, Hyderabad
6. Dr G. Vijayalakshmi, Associate Professor, Biotechnology
7. Dr. K. Sowmya, Assistant Professor, SMS

IQAC Meeting Agenda and Minutes

Prof. N. V. Koteswara Rao, Director-IQAC has welcomed the members and requested Prof. C. V. Narasimhulu, Principal to give his opening remarks i.e Sl. No.1 of the agenda.

Sl. No.1 Opening Remarks

Minutes: Prof. C. V. Narasimhulu, Principal & Chairman of IQAC welcomed all the members and shared the opening remarks.

He conveyed the IQAC members that the institution has demonstrated significant progress across key academic, research, and innovation parameters compared to the previous academic year, reflecting its continued commitment to excellence and holistic development.

The following are some of the significant highlights reflecting the institution's progress as on date.

- a) He informed that student enrolment in undergraduate programs has impressively risen to 99.3%, while postgraduate programs reached an enrolment rate of 89.1%.
- b) The institute currently boasts a total faculty strength of 359, of which 249 are Ph.D. qualified, reflecting the institution's commitment to academic excellence.
- c) He further informed that seven undergraduate and five postgraduate programs have been accredited by the National Board of Accreditation (NBA).
- d) In a remarkable achievement, the institution has been honoured for the first time with *the* prestigious IEI Engineering Education Excellence Award 2024, in recognition of its outstanding performance among engineering institutions and colleges.
- e) He further highlighted that 86 externally funded projects have been successfully completed, amounting to ₹585.07 lakh, and 22 research and consultancy projects are currently ongoing with a total funding of ₹984.48 lakh. In-house research projects have increased from 46 to 49, with a corresponding rise in funding to ₹81.17 lakh.
- f) He conveyed that the institution has witnessed a notable growth in research output, with Scopus-indexed publications increasing from 491 to 567 and Web of Science publications from 196 to 237. , Further, the Scopus citations have surged from 2,619 to 4,436, and WoS citations from 1,579 to 2,248. As a result, the institutional h-index has improved significantly rising from 37 to 49 in Scopus and from 30 to 36 in Web of Science.
- g) The institute successfully hosted its 6th Research Day and organized seven international conferences, further strengthening its global academic engagement.
- h) He further informed that The number of published Intellectual Property Rights (IPRs) has increased from 92 to 153, with 23 patents granted. During the academic year 2024-25, 20 start-up ideas have been incubated, fostering innovation and entrepreneurship among students.
- i) The institute has also maintained a consistent 4.0-star rating from the Ministry of Education's Innovation Cell (MIC) for the fourth consecutive year and secured 2nd place at the regional MIC meet hosted by IARE Hyderabad.
- j) In terms of career outcomes, total placements have risen from 696 to 813, with the highest Cost to Company (CTC) recorded at ₹51.0 lakh.
- k) The undergraduate placement rate has improved from 67% to 80%, while postgraduate placements have increased from 51% to 57%.
- l) Looking ahead, for the NIRF-2025 rankings, the institution's estimated score has improved to 40.439, compared to 39.235 in 2024, indicating a positive trajectory in overall institutional performance.

The Principal requested the members to give suggestions to improve the teaching learning process by recruiting good faculty members. Prof. B. S. Rajanikanth replied that he will suggest appropriately by the end of the meeting.

Prof. B. S. Rajanikanth expressed that the institution has demonstrated notable and encouraging progress.

As there is no further discussion on this point, Prof. N. V. Koteswara Rao, Director-IQAC has presented Agenda Sl. No. 2

Sl. No.2 To approve the minutes of the IQAC Meeting held on 04.07.2024

Minutes: Prof. N. V. Koteswara Rao, Director-IQAC has shared that the Minutes of the Meeting which were circulated via email on 14-08-2024 with a request to provide comments, if any, within a week; no comments on this item were noticed. Further, he has presented the action taken report on the remarks/suggestions of IQAC meeting held on 14-08-2024.

Action taken report:

Agenda-5:

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.

Action Taken Report:

The practice of awarding 5 marks based on the attendance is being followed as per the existing rules of the Institute. However, this issue has come for discussion as part of any other time in the 13th Academic Council meeting held on 02.07.2024 and as per these minutes (the extract of the same is attached herewith), the suggestions of the members will be considered in the implementation of the next Regulation.

Item No: 11	:	Any other item with the permission of the chair
Minutes	:	<p>11.1. Prof. M.Kumar, Dean, Faculty of Engineering, OU , Dr. Ramesh Datla, Executive Chairman, Elico Group, Mr. Prashanth Parsam, Director-Projects, Cognizant, Mr. Seetaram Veladi, Project Director, LTI Mindtree and Prof. N.Venkata Reddy, Dept. of Mechanical Engineering, IIT, Hyderabad expressed their concern regarding the CIE weightage of 5 Marks for the attendance.</p> <p>The Principal expressed that, CIE marks weightage for attendance has significant impact on the student regularity to the college and by directly or indirectly benefiting the Academics of the students. The Principal expressed that members suggestions will be considered to be implemented for the next Regulations.</p>

Agenda 8:

Sri Ramesh Datla noted no private companies are coming for consultancy and project work, suggesting a focus on industry expectations and competencies.

Action Taken Report:

R&D team taken initiative towards reaching private companies to take up consultancy and project works.

Four Consultancy projects are received from Private Companies and the details are in given below table:

List of Consultancy projects received from the Private Companies						
S. No	Dept.	Investigators	Project Title	Funding Agency	Duration	Amount (Rs. Lakhs)
1.	Mech.	Dr. A Kiran Kumar and Dr. C V Narasimhulu	Design and Development of Colonoscopy Flow Tube and Novo G Feeding tube for Cancer Penitents (DDCFT and NGFT)-2025	STAR Hospitals, Nanakramguda, Hyderabad	2025-26 1 Year	5.9
2.	Mech.	Dr. PVR Ravindra Reddy and Mrs. P Anajani Devi	3D Printing of Components on FDM Printer	M/s Amain Inforech Provate Limited	2024-25 2 Weeks	0.41
3.	Biotech	Dr. G. Vijaya Laxmi and Dr. Ashoutosh Panday	Biorisk Assessment and Biohazard Mitigation of Common Plant Toxins in Laboratory and Industrial Environments	Health Security Partners, USA	3 Months (Oct-Dec 2024)	0.46
4.	Mech.	Dr. Ch. Indira Priyadarshine, Dr. B V S Rao, Dr. T Anajani Devi	Design of Hexagon shaped Duct	Value trek Engineers	3 Months 2024-25	0.089

Agenda 9:

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.

Action Taken Report:

List of Start-up Initiatives (pre-incubation- Incubation) by students & faculties:

1. Agricultural Technology
 - Drone-based Crop Health Monitoring System: Uses image processing for real-time crop analysis.
 - Drone-based Pesticide Spraying System: Automates pesticide spraying to increase efficiency and safety.
 - Dhrud-AgriSmart for Precision Agriculture: Solutions for smart farming and data-driven agriculture.
 - Low-cost Grain Dryer: Affordable drying solution to reduce post-harvest losses for farmers.
2. Robotics and Automation
 - Pick and Place Robot: Automated system for package and material handling to improve logistics.
 - Smart Mining Jacket: Real-time data monitoring system for safety in mining and municipal environments.
3. Educational and Assistive Technologies
 - AR Hologram Teaching: Augmented reality-based education tool for rural schools.
 - Nayan Sathi: Aids for visually impaired individuals to enhance mobility and independence.

4. Health and Biotech Innovations
 - Swellable Hydrogel Films: Advanced wound dressing materials.
 - Bio-packaging Films: Eco-friendly, biodegradable alternatives to plastic.
5. Agri-processing and Natural Products
 - Tama Naturals: Tamarind seed processing system for value-added products.
6. Media and Social Impact
 - Social Cause Film Production, Chaya Pvt. Limited: Emerging venture with Visual storytelling for awareness and social change.
7. Alumni Ventures
 - College Bag Pvt Ltd & Levyug Pvt Ltd: Alumni-led ventures supporting students and start-ups.
 - AR Hologram Teaching: Alumni Student-registered MSMEs focusing on innovation, assistance for School education.
 - Lev-Yug Pvt. Limited by Alumni for assisting Start-ups operation and establishment.

CBIT's Actions for Promoting Start-up Initiatives:

1. Mentoring and Technical Guidance
 - Expert mentoring by faculty, industry professionals, and alumni entrepreneurs.
 - Continuous support for prototyping, product validation, and market readiness.
2. Infrastructure and Facilities
 - Access to incubation space, labs, internet, and co-working facilities.
 - Availability of technical resources like 3D printers, IoT labs, drone labs, and fabrication tools.
3. Funding and Grant Support
 - Funding for New Ideas: CBIT provides funding support for the development of new ideas by students and faculty, promoting research and innovation.
 - Assistance in obtaining government and institutional grants (e.g., MSME Idea Grant, and other grants) and helping ventures access other seed funding.
4. Rural Entrepreneurship Summer Internship
 - Dedicated summer internship program focusing on rural entrepreneurship.
 - Students identify real-world rural problems and convert ideas into prototypes, bridging innovation and impact at the grassroots level.
5. Industry and Institutional Collaborations
 - Collaborations with R&D organizations, Technology Incubators, and industry leaders.
6. Entrepreneurship Development Programs (EDPs)
 - Conducting hackathons, innovation challenges, business model workshops, and presentations.
 - Sessions on pitching, legal compliance, intellectual property rights (IPR), and business development.

As there is no further discussion on this point, the Director-IQAC requested the Director-AEC & CoE to present Agenda Sl. No. 3

Sl. No.3 Review of Academic Results since the last meeting, introduction of new programs, withdrawing of programs and revised intake for the academic year 2024-2025.

Minutes: Prof. Suresh Pabboju, Director-AEC & CoE has presented the Academic Results since the last meeting, introduction of new programs, withdrawing of programs and revised intake for the academic year 2024-2025.

Overall Result Analysis of B.E/B.Tech I Sem to VIII Sem, April 2024/May/July 2024 (R20)
Academic Year: 2023-24 (Batch 2020-21 to 2023-24):

S.No.	Branch	No. of Students Registered	Distinction	%	1st Division	%	2nd Division	%	Total	Overall %
1	Civil	129	71	55.04	32	24.81	15	11.63	118	91.47
2	CSE	199	182	91.46	11	5.53	2	1.01	195	97.99
3	EEE	131	83	63.36	32	24.43	5	3.82	120	91.60
4	ECE	196	156	79.59	30	15.31		0.00	186	94.90
5	Mechanical	125	76	60.80	34	27.20	7	5.60	117	93.60
6	IT	198	170	85.86	23	11.62	1	0.51	194	97.98
7	CSM	65	63	96.92	1	1.54	1	1.54	65	100.00
8	CET	66	62	93.94	4	6.06		0.00	66	100.00
9	AI&DS	64	56	87.50	4	6.25	1	1.56	61	95.31
10	Chemical	56	31	55.36	16	28.57	6	10.71	53	94.64
11	Biotechnology	57	45	78.95	8	14.04	2	3.51	55	96.49
	Total	1286	995	77.37	195	15.16	40	3.11	1230	95.65

Result Analysis of B.E/B.Tech I Sem (Main) only, January 2025 (R22A)
Academic Year: 2024-25 (Batch 2024-25 to 2027-28):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	Civil	124	52	72	41.94
2	CSE	326	278	48	85.28
3	EEE	120	79	41	65.83
4	ECE	193	146	47	75.65
5	Mechanical	128	58	70	45.31
6	IT	194	159	35	81.96
7	CSM	127	107	20	84.25
8	CIC	64	47	17	73.44
9	EVL	62	43	19	69.35
10	AI&DS	126	97	29	76.98
11	Chemical	57	36	21	63.16
12	Biotechnology	126	97	29	76.98
	Total	1647	1199	448	72.80

Result Analysis of B.E/B.Tech II Sem (Main) only, June 2024
Academic Year: 2023-24 (Batch 2023-24 to 2026-27) (R22):
(After Revaluation)

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	AI&ML	63	52	11	82.54
2	Civil	120	68	52	56.67
3	CSE	196	165	31	84.18
4	EEE	122	84	38	68.85
5	ECE	190	159	31	83.68
6	Mechanical	106	59	49	55.66
7	IT	199	175	24	87.94
8	CSM	64	54	10	84.38
9	CET	65	49	16	75.38
10	AI&DS	127	104	24	81.89
11	Chemical	46	27	19	58.70
12	Biotechnology	62	51	11	82.26
	Total	1360	1047	316	76.99

Result Analysis of B.E/B.Tech III Sem (Main) only, November 2024 (R22)
Academic Year: 2024-25 (Batch 2023-24 to 2026-27):
(After Revaluation)

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	AI&ML	70	61	9	87.14
2	Civil	128	61	67	47.66
3	CSE	217	171	46	78.80
4	EEE	136	72	64	52.94
5	ECE	209	109	100	52.15
6	Mechanical	121	44	77	36.36
7	IT	218	171	47	78.44
8	CSM	67	58	9	86.57
9	CET	70	53	17	75.71
10	AI&DS	141	120	21	85.11
11	Chemical	57	27	30	47.37
12	Biotechnology	61	46	15	75.41
	Total	1495	993	502	66.42

Result Analysis of B.E/B.Tech IV Sem (Main) only, May 2024 (R22)
Academic Year: 2023-24 (Batch 2022-23 to 2025-26):
(After Revaluation)

S.No.	Branch	No. of Students Registered	No. of Students Passed	Pass %
1	AI&ML	70	59	84.29
2	Civil	100	50	50.00
3	CSE	210	162	77.14
4	EEE	134	81	60.45
5	ECE	211	151	71.56
6	Mechanical	119	65	54.62
7	IT	215	154	71.63
8	CSM	69	63	91.30
9	CET	68	59	86.76
10	AI&DS	140	86	61.43
11	Chemical	54	33	61.11
12	Biotechnology	60	49	81.67
	Total	1450	1012	69.79

Result Analysis of B.E/B.Tech V Sem (Main) only, November 2024 (R22)
Academic Year: 2024-25 (Batch 2022-23 to 2025-26):
(After Revaluation)

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	AI&ML	70	61	9	87.14
2	Civil	100	57	43	57.00
3	CSE	210	185	25	88.10
4	EEE	133	79	54	59.40
5	ECE	209	156	53	74.64
6	Mechanical	117	63	54	53.85
7	IT	215	182	33	84.65
8	CSM	69	62	7	89.86
9	CET	68	63	5	92.65
10	AI&DS	139	114	25	82.01
11	Chemical	53	43	10	81.13
12	Biotechnology	60	54	6	90.00
	Total	1443	1119	324	77.55

Result Analysis of B.E/B.Tech VI Sem (Advance Supplementary) only, September 2024
Academic Year: 2023-24 (Batch 2021-22 to 2024-25) (R20):
(After Revaluation)

S.No.	Branch	No. of Students Registered	No. of Students Passed	Pass %
1	AIML	71	64	90.14
2	Civil	134	104	77.61
3	CSE	217	210	96.77
4	EEE	129	113	87.60
5	ECE	207	195	94.20
6	Mechanical	134	95	70.90
7	IT	212	205	96.70
8	CSM	72	67	93.06
9	CET	70	63	90.00
10	AI&DS	136	131	96.32
11	Chemical	45	38	84.44
12	Biotechnology	62	56	90.32
	Total	1489	1341	90.06

Result Analysis of B.E/B.Tech VII Sem (Main) only, November 2024 (R20)
Academic Year: 2024-25 (Batch 2021-22 to 2024-25):
(After Revaluation)

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	AIML	71	70	1	98.59
2	Civil	134	107	27	79.85
3	CSE	217	214	3	98.62
4	EEE	128	122	6	95.31
5	ECE	207	194	13	93.72
6	Mechanical	134	125	9	93.28
7	IT	212	210	2	99.06
8	CSM	72	72	0	100.00
9	CET	70	68	2	97.14
10	AI&DS	136	136	0	100.00
11	Chemical	44	41	3	93.18
12	Biotechnology	62	57	5	91.94
	Total	1487	1416	71	95.23

Result Analysis of M.E/M.Tech I Sem (Main) only, February 2025 (R23)
Academic Year: 2024-25 (Batch 2024-25 to 2025-26):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	Civil-SE	15	11	4	73.33
2	ECE-CE	7	6	1	85.71
3	ECE-ES&VLSID	20	19	1	95.00
4	Mech-CAD/CAM	9	7	2	77.78
5	EEE-PS&PE	7	4	3	57.14
6	CSE	24	24	0	100
7	AI&DS	19	17	2	89.47
8	AI&R	16	13	3	81.25
	TOTAL	117	101	16.00	86.32

Result Analysis of M.E/M.Tech III Sem (Main) only, November 2024 (R23)
Academic Year: 2024-25 (Batch 2023-24 to 2024-25):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	Civil-SE	12	10	2.00	83.33
2	ECE-CE	7	6	1.00	85.71
3	ECE-ES&VLSID	15	15	0.00	100.00
4	MECH-CAD/CAM	10	9	1.00	90.00
5	MECH-TE	7	5	2.00	71.43
6	EEE-PS&PE	10	9	1.00	90.00
7	CSE	17	4	13.00	23.53
8	IT-AI&DS	14	14	0.00	100.00
	TOTAL	92	72	20.00	78.26

Result Analysis of M.E/M.Tech IV Sem (Main) only, August 2024 (R20)
Academic Year: 2023-24 (Batch 2022-23 to 2023-24):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	Civil-SE	14	0	14.00	0.00
2	ECE-CE	3	3	0.00	100.00
3	ECE-ES&VLSID	10	8	2.00	80.00
4	MECH-CAD/CAM	11	10	1.00	90.91
5	MECH-TE	5	5	0.00	100.00
6	EEE-PS&PE	8	8	0.00	100.00
7	CSE	17	14	3.00	82.35
8	IT-AI&DS	8	6	2.00	75.00
	TOTAL	76	54	22.00	71.05

Result Analysis of MBA I Sem (Main) only, January 2025 (R23)
Academic Year: 2024-25 (Batch 2024-25 to 2025-26):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	MBA	122	120	2.00	98.36

Result Analysis of MBA III Sem (Main) only, November 2024 (R23)
Academic Year: 2024-25 (Batch 2023-24 to 2024-25):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	MBA	121	119	1.00	98.35

Result Analysis of MBA IV Sem (Main) only, May 2024 (R20)
Academic Year: 2023-24 (Batch 2022-23 to 2023-24):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	MBA	117	116	1.00	99.15

Result Analysis of MCA I Sem (Main) only, January 2025 (R23)
Academic Year: 2024-25 (Batch 2024-25 to 2025-26):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	MCA	62	57	5.00	91.94

Result Analysis of MCA III Sem (Main) only, November 2024 (R23)
Academic Year: 2024-25 (Batch 2023-24 to 2024-25):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	MCA	54	53	1.00	98.15

Result Analysis of MCA IV Sem (Main) only, May 2024 (R20)
Academic Year: 2023-24 (Batch 2022-23 to 2023-24):

S.No.	Branch	No. of Students Registered	No. of Students Passed	No. of Students Failed	Pass %
1	MCA	63	63	0.00	100.00

New Programs Introduced:

One program in B.E. – Electronics Engineering (VLSI Design and Technology) with an intake of 60 and one program in M.Tech. - Information Technology (Artificial Intelligence and Robotics) with an intake of 18 are introduced for the academic year 2024-25.

S. No.	Academic Year	Number of Programs started	Name of the Program	Intake
1.	2024-25	02	B.E. – Electronics Engineering (VLSI Design and Technology)	60
2.			M.Tech. - Information Technology (Artificial Intelligence and Robotics)	18

Increase in Intake:

Three UG programs have opted for increase in intake. Intake in B.E. - Computer Science & Engineering) has been increased from 180 to 300, B.E. - Computer Science and Engineering (Artificial Intelligence and Machine Learning) is increased from 60 to 120 and in B.Tech. – Biotechnology is increased from 60 to 120 from the academic year 2024-25.

S. No.	Academic Year	Number of Programs Increase in Intake	Name of the Program	Intake
1.	2024-25	03	B.E. - Computer Science & Engineering	180 to 300
2.			B.E. - Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60 to 120
3.			B.Tech. – Biotechnology	60 to 120

Reduction in Intake:

Four PG programs have opted for reduction in intake. Intake in M.E. - Structural Engineering & M.E. - CAD / CAM is reduced from 25 to 18 and M.E. - Communication Engineering & M.E. - Power Systems & Power Electronics is reduced from 18 to 12 from the academic year 2024-25.

S. No.	Academic Year	Number of Programs Reduction in Intake	Name of the Program	Intake
1.	2024-25	04	M.E. - Structural Engineering	25 to 18
2.			M.E. - CAD / CAM	25 to 18
3.			M.E. - Communication Engineering	18 to 12
4.			M.E. - Power Systems and Power Electronics	18 to 12

Closure of Programs:

One UG program, B.E. - Artificial Intelligence and Machine Learning with an intake of 60 and one PG program, M.E. - Thermal Engineering with an intake of 18 are closed during the academic year 2024-25.

S. No.	Academic Year	Number of Programs Closed	Name of the Program
1.	2024-25	02	B.E. - Artificial Intelligence and Machine Learning
2.			M.E. - Thermal Engineering

Introduction of UG & PG Programs for Working Professionals:

The following UG & PG Programs for Working Professionals are introduced from the academic year 2024-25.

S. No.	Academic Year	Name of the Program	Intake
1.	2024-25	B.E. Civil Engineering	30
2.		B.E. Computer Science & Engineering	30
3.		B.E. Mechanical Engineering	30
4.		M.Tech Computer Science & Engineering	15
5.		M.E. Embedded System and VLSI Design	15
6.		M.E. Structural Engineering	15

Program wise Intake & Admitted details:

The following table shows the student intake & number of students admitted in various programs during the academic year 2024-25.

S. No.	Name of the Program	Intake	Admitted*
1.	B.E. Civil Engineering	120	126
2.	B.E. Mechanical Engineering	120	127
3.	B.E. Electronics & Communication Engineering	180	193
4.	B.E. Computer Science & Engineering	300	325
5.	B.E. Electrical and Electronics Engineering	120	122
6.	B.E. Information Technology	180	195
7.	B.Tech. - Chemical Engineering	60	58
8.	B.Tech. - Biotechnology	120	130
9.	B.E. - Artificial Intelligence and Data Science	120	129
10.	B.E. - Computer Science and Engineering (Artificial Intelligence and Machine Learning)	120	128
11.	B.E. - Computer Science and Engineering (Internet of Things and Cyber Security Including Block Chain Technology)	60	64
12.	B.E. - Electronics Engineering (VLSI Design and Technology)	60	62
B.E. /B.Tech Total		1560	1659

S. No.	Name of the Program	Intake	Admitted*
13.	M.E. - Structural Engineering	18	15
14.	M.E. - CAD / CAM	18	9
15.	M.Tech. - Computer Science & Engineering	24	25
16.	M.E. - Communication Engineering	12	7
17.	M.E. - Power Systems and Power Electronics	12	7
18.	M.E. - Embedded System and VLSI Design	18	20
19.	M.Tech. - Artificial Intelligence and Data Science	18	19
20.	M.Tech. - Information Technology (Artificial Intelligence and Robotics)	18	16
M.E. /M.Tech Total		138	118
21.	Masters in Business Administration (MBA)	120	127
22.	Masters in Computer Applications (MCA)	60	64

*Includes EWS quota and Supernumerary seats.

Director-AEC&CoE has expressed his concern regarding the results of the I-Semester (B.E/B.Tech) AY.2024-2025, for Civil, Mechanical, EEE and Chemical. Prof. Rajanikanth enquired about the previous year's I-Semester (B.E/B.Tech) results and asked to compare them with the academic year 2024-25, I-Semester results. At the end of the meeting, the Director-AEC&CoE has shared the required data. Prof. Rajanikanth has expressed his concern about the number of failures in I-Semester of B.E/B.Tech (Civil, Mechanical and Chemical). Director-AEC&CoE mentioned that the remedial measures are in place for improving the pass percentage. Prof. P. Ravinder Reddy has mentioned that as the students move on to higher semesters they improve.

Prof. Rajanikanth also raised his concern regarding the number of failures in M.E/M.Tech , CSE. Director-AEC&CoE mentioned that the students focus more on the internships.

Prof. Rajanikanth enquired about intake of students based on gender and asked to present the data in the next IQAC meeting.

Prof. Rajanikanth enquired about the faculty for the UG/PG courses for working professionals. Director-AEC&CoE mentioned that existing faculty (on over time) will be sufficient or institute may hire part time faculty/experts from the industry.

As there is no further discussion on this point, the Director-IQAC requested the Director-Academics to present Agenda Sl. No. 4.

Sl. No 4: Changes brought in the curriculum (R-22A) for the Academic Year 2025-2026.

Minutes: Changes brought in the curriculum (R-22A) for the Academic Year 2025-2026 is presented by Prof. P. Prabhakar Reddy, Director-Academics.

The curriculum and regulation of the Institute to be implemented for the academic year 2025-26 is R22A. This regulation is an amendment to the earlier curriculum revision of R22 regulation which was started in the academic year 2022-23. Hence, at present for the upcoming academic year 2025-26 there is no change in the curriculum.

The curriculum implementation of R22A regulation was successfully completed for 1st and 2nd semesters of all UG programs in the present academic year i.e., 2024-25. Further, as per the stakeholders feedback and changes in the industry requirements in accordance with the changing scenario of technological advancements, a few of the core engineering departments have made few minor changes in the scheme and syllabus contents of 3rd to 8th semesters of their UG programs of R22A.

Regarding CSE and its allied departments a committee is being formulated by the Head of the institution to convene a meeting with all the respective Heads of CSE and its allied departments to arrive at the consensus of scheme and corresponding courses with appropriate codes and titles as most of the courses are common and in turn to ensure that SEE examinations conduction will be smooth and effective. Subsequently, upon conducting a few series of meetings by the committee the scheme is finalized for CSE and its allied departments. The

minutes of the meeting are circulated among all the concerned for further incorporation and implementation of the same in their respective departments.

As per the new NBA guidelines and as per the discussions held in 61st College Academic Committee (CAC) meeting, all the BoS Chairpersons of various departments offering different programs are requested to modify the program courses by appending with the revised CO-PO articulation matrix in the syllabus in accordance with the modified 11 POs. Further, BoS Chairpersons of the departments conducted their respective BoS meetings as per the schedules. The major changes made in Scheme and syllabus along with the justification of various departments are presented in the following link:

<https://docs.google.com/document/d/1DUclwtn-oJJRSwwT8iFKcbgm6jOZRJGA/edit>

The minutes of the meeting including finalization of Scheme CSE and its allied branches are presented in the following link:

https://docs.google.com/document/d/1DAeUpty4uv_sWxIF_RRZliRnR45A54kn/edit#heading=h.g4ns6g978tuv

As there is no further discussion on this point, the Director-IQAC requested the Advisor-CDC to present Agenda Sl. No. 5.

Sl. No 5: Activities conducted by CDC for the academic year 2024-25. Placement and Higher studies Statistics till date.

Minutes: On behalf of Dr. N. L. N. Reddy, Advisor-CDC, Dr. T. Pratima, Asst. Director-CDC has presented this agenda point.

Placements Data for the Academic Year 2024-25:

Sl.No	Program	No. of Students Registered	No. of Students Placed	Link	%of Students Placed
1	UG	880	701	https://docs.google.com/spreadsheets/d/1AAB2nY1_m2_eFsGs_oXDk11CmmrhT0h/edit?usp=drive_link&ouid=117458921126832280745&rtpof=true&sd=true	80
2	PG	196	112	https://docs.google.com/spreadsheets/d/1MkHPwpW8TJlrlDYpi61TB7ZbRxCY9SfX/edit?usp=drive_link&ouid=117458921126832280745&rtpof=true&sd=true	57

Internships Data for the Academic Year 2024-25 :

Sl.No	Program	No. of Internships	Link
1	UG & PG	482	https://docs.google.com/spreadsheets/d/1xheuNmLPSIWwGw2FkjPOf78Ts-_oHHAn/edit?usp=drive_link&ouid=117458921126832280745&rtpof=true&sd=true

Core Placements Data for the Academic Year 2024-25:

Sl. No	No. of Core Companies	No. of Core Placements	Link
1	22	87	https://docs.google.com/spreadsheets/d/1y-4LdEojDTFeh8bE1e_7FI_h1utWXtjJ/edit?usp=drive_link&oid=117458921126832280745&rtpof=true&sd=true

Higher Education Data for the Academic Year 2024-25:

Sl.No	No. of Programs Conducted	No. of Students Attended	Link
1	3	408	https://drive.google.com/drive/folders/1jv6H8jljDuuLzlegJq2dvfsOWTSR_wml?usp=drive_link

CDC Activities for the Academic Year 2024-25

Sl.No	No. of Programs	Link
1	83	https://drive.google.com/file/d/1qqUYqo32DUXxi0cKjebamF-Njid5nRg/view?usp=drive_link

Placement Data for the Academic Year - 2023-24 & 2024-25:

UG (B.E. / B.Tech.)									
Year		2023-24				2024-25 (In Progress)			
S. No	Branch	No. Eligible	No. of Placed	%	No. of Offers	No. Eligible	No. of Placed	%	No. of Offers
1	Computer Science & Engineering	171	145	85	216	151	148	97	202
2	Information Technology	169	133	79	190	131	128	97	178
3	Electronics & Communication Engg.	149	79	53	109	111	72	65	89
4	Artificial Intelligence & Machine Learning	65	56	86	95	56	48	86	71
5	Electrical & Electronics Engineering	96	52	54	67	75	51	68	58
6	CSE - Internet Of Things & Cyber Security	50	46	92	61	46	41	87	56
7	Mechanical Engineering	64	32	50	43	63	42	62	45
8	Civil Engineering	75	25	33	39	61	22	36	27
9	Artificial Intelligence & Data Science	31	27	87	37	81	75	93	100
10	CSE -Artificial Intelligence & Machine Learning	NA	NA	NA	NA	51	45	88	54
11	Chemical Engineering	35	24	69	31	28	19	68	21
12	Biotechnology	30	9	30	11	26	10	38	14
	Total	935	628	67	899	880	701	80	915
PG (M.E. / M.Tech. / MCA / MBA)									
Year		2023-24				2024-25 (In Progress)			
S. No	Branch	No. Eligible	No. of Placed	%	No. of Offers	No. Eligible	No. of Placed	%	No. of Offers
1	Computer Science & Engineering	15	1	7	2	14	6	43	9

2	Artificial Intelligence & Data Science	8	6	75	9	11	4	36	6
3	Communication Engg	5	0	0	0	5	1	20	1
4	Embedded Systems & VLSI Design	9	5	56	5	11	5	45	6
5	Power Systems & Power Electronics	7	2	29	2	6	1	17	1
6	CAD - CAM	10	3	30	3	5	0	0	0
7	Thermal Engineering	5	3	60	4	4	1	25	1
8	Structural Engineering	15	2	13	2	8	1	13	3
9	MCA	62	32	52	41	39	27	69	36
10	MBA	119	77	65	86	93	66	71	72
	Total	255	131	51	154	196	112	57	135
	Over All Total (UG+PG)	1190	759	64	1053	1076	813	76	1050

Activities conducted by CDC for the academic year 2024-2025, placement and higher studies statistics data, number of students registered, student placed and internship data are presented by Assistant Director-CDC. Prof. Rajanikanth enquired about the number of companies which are invited for placements and the number of companies responded. Assistant Director- CDC mentioned that they have all the required data and would be presented during the next IQAC meeting.

Prof. K. Krishna Veni, Vice-Principal Academics suggested to incorporate the minor degree credits in the certificate so that it will improve the core branches placements.

As there is no further discussion on this point, the Director-IQAC requested the Director-SA&P to present Agenda Sl. No. 6.

Sl. No 6: Summary of the student co-curricular and extracurricular activities for the year 2024-2025.

Summary of the student Co-Curricular and Extracurricular activities for the academic year 2024-2025 is presented by Prof. B. Linga Reddy, Director-SA&P. Till date a total number of 165 Co-Curricular and 106 Extracurricular events are conducted by various clubs/departments. In addition. He also narrated the other activities of SA&P.

1	Summary of Activities Conducted:			
	a) Co-Curricular Events : 165			
	S. No	Club/Department	No of Events	
	1)	ASTRA/ MECH	16	
	2)	Biotechnology	14	
	3)	MED	12	
	4)	IETE/ECE	10	
	5)	Chemical Engineering	10	
	6)	IT	8	
	7)	CBIT-Cyber Security-Club/ IT Dept	6	

8)	IEEE	6
9)	CSI/IT	6
10)	Civil Engineering	6
11)	BBCC/Biotechnology	5
12)	IGBC/CED	5
13)	Ramanujan Maths Club/Maths	5
14)	ACM-CBIT/AIML	5
15)	CEA/CED	5
16)	COSC	5
17)	Makers of India/ECE	4
18)	ASME/MED	4
19)	SAE /MED	4
20)	CEA/CED	3
21)	Neural Nexus CBIT	3
22)	MED	3
23)	MCA	3
24)	SATARC Club/CET	2
25)	NexIOT	2
26)	ECE/IEEE-Women in Engineering Society	2
27)	ECE/IEEE-Signal Processing Society	2
28)	The Institution of Engineers (India) (IEI)	2
29)	CET	2
30)	CBC (CBIT BLOCKCHAIN CLUB)	1
31)	ECE/IEEE-Circuits and Systems Society	1
32)	CSE/IEEE-Computer Society	1
33)	Think Club/SMS	1
34)	SMS	1

b) Extra-Curricular Events :106

S. No	Club/Department	No of Events
1)	Chaitanya Spandana	16
2)	NSS	16
3)	Communicando	10
4)	Chaitanya Sattva:A UHV Cell of CBIT	9
5)	Chaitanya Srujana	9
6)	Chaitanya Chaaya	8
7)	Chaitanya Kreedha (Sports)	8
8)	EWB-CBIT	5
9)	Toastmasters CBIT	5
10)	Chaitanya Geethi	4

	11)	Chaitanya Parivrita -The Environment Club	4	
	12)	Chaitanya Suraksha	4	
	13)	CBITMUN	2	
	14)	Chaitanya Svaasthya	2	
	15)	CBITALKS	1	
	16)	Entrepreneurship development cell	1	
	17)	Transcendent	1	
	18)	WPC	1	
2	Statutory Body and other Committee Meetings		:	14
3	Institute Day Activities 2024-25			
	a)	Technical Fest (Sudhee - 2025)	:	1
	b)	Cultural Fest (Shruthi - 2025)	:	1
Other Activities:				
4	Disciplinary Committee Activities		:	36
5	Attendance Monitoring		:	Once in every two weeks during the semester classwork
6	Mentoring Audit		:	In every semester

As there is no further discussion on this point, the Director-IQAC requested the Director-R&D to present Agenda Sl. No. 7.

Sl. No 7: Research and Development Activities for the year 2024-2025, Summary of the Publications, R&D and consultancy projects (ongoing and completed) till date.

Research and Development Activities for the academic year 2024-2025 is presented by Prof. D. Krishna Reddy, Director-R&D. The vision, mission and advanced labs for research, information regarding funding projects since inception of the institution, sanctioned, sponsored and consultancy projects, statistics regarding number of projects/amount sanctioned data for the academic year 2024-2025 is presented. Data regarding publications and citations for the calendar year 2025(till April), 2024 and 2023 is also presented.

Projects Sanctioned for the Academic Year: 2024-25 (till date)

- Four sponsored projects worth of Rs. 45,03,869/-
- Five consultancy project worth of Rs. 24,33,847/-

Training Programmes Sanctioned for the Academic Year: 2024-25(till date)

- One Offline-ATAL FDP worth of 3,50,000
- Two Online-ATAL FDPs worth of 2,00,000

Events Conducted:

6th Research Day and 7 International Conferences (13-14 December 2024)

- For the first time, CBIT has inspired all the departments to organize various interdisciplinary international conferences as part of the 6th Research Day.
- As a result, seven international conferences are being jointly hosted by various departments on this occasion.
- Received an overwhelming response from researchers from all over the country

List of conferences and organizing departments		
S. No	Conference Name	Organizing Department(s)
1	International Conference on Sustainable Energy and Environmental Developments (ICSEED 2024)	Chemical
2	1 st International Conference on Power Energy and Secure Smart Technologies (ICPEST 2024)	EEE & CET
3	2 nd International Conference on Biotechnology and Interdisciplinary Technologies (iCBIT 2024)	Biotechnology, Physics and Chemistry
4	International Conference on Innovative Computing Technologies (ICICT 2024)	CSE, IT, AI&DS, AI&ML, MCA and Mathematics
5	1 st International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE 2024)	ECE
6	International Conference on Emerging Trends in Business Management: Entrepreneurship, Technology, and Sustainability (ICETBM-ETS 2024)	SMS
7	International Conference on Developments in Sustainable Materials, Infrastructure, Manufacturing, and Energy Engineering (ICDSMIME-2024)	Civil and Mechanical

Details of Papers presented in Seven International Conferences							
Sl. No.	Conference Name	No. of Received Papers		No. of Accepted Paper		No. of Presented Paper	
		National	International	National	International	National	International
1	ICSEED 2024	84	1	75	1	44	1
2	ICPEST 2024	115	7	70	7	44	7
3	iCBIT 2024	150	-	140	-	105	-
4	ICICT 2024	486	4	229	4	92	-
5	ICETE 2024	153	-	85	-	74	-
6	ICETBM-ETS 2024	70	4	61	4	61	4
7	ICDSMIME-2024	68	35	48	25	45	19
8	6 th Research Day	67 Posters		20 Products		5 Sponsors Demonstrated their products	

Research Promotional Initiatives

- ❖ First time, Research Awards have been given in six categories such as quality publications, highest citations, highest citations cited in Q1 journals, utility patents, sponsored research projects and consultancy projects in inaugural function of the 6th Research Day 2024.
- ❖ These Research Awards are given with recognizing faculty members who have made outstanding contributions in advancing knowledge, fostering innovation, and creating a positive societal impact through their research.
- ❖ A Series of ten (10) R&D expert talks are being organized till date for the year 2024-25, to encourage and motivate faculty towards improving the research activities.
- ❖ CBIT provides seed money to the prospective students/faculty to motivate them to carryout projects in the latest areas which would be help the society.
 - 35 major faculty projects worth of Rs. 68,29,611/- are sanctioned
 - 14 minor faculty projects worth of Rs 12,87,250/- are sanctioned
 - 25 students projects worth of Rs. 5,84,726/- are also supported
- ❖ The institution also provides registration fee up to a maximum of Rs. 10,000/- for publishing and participating in Reputed Conference / Symposium / Workshop resulting in improving number of publications and citations
 - Reimbursed registration fee worth of Rs. 4,67,913/- to 57 faculty members
 - Reimbursed an amount of Rs. 6, 97,544/- to 85 students.

Summary of Publications and Citations:

Scopus / WoS Publications						
Calendar Year	2020	2021	2022	2023	2024	2025*
Scopus	147	171	350	491	567	212
WoS	60	94	205	196	237	75
Total	207	265	555	687	804	287
Total Scopus Publications: 2677, Total WoS Publications: 1244						

Scopus / WoS Citations						
Calendar Year	2020	2021	2022	2023	2024	2025*
Scopus	430	799	1517	2619	4436	2325
WoS	258	569	1110	1579	2248	985
Total	688	1368	2627	4198	6684	3320
Total Scopus Citations: 15579, Total WoS Citations: 7283						

* Publications and citations information up to 9 May 2025

Summary of Sponsored and Consultancy Projects						
Sl. No	Category		Completed Projects	Ongoing Projects	Total	Sanctioned Projects A Y 2024-25
1	Sponsored Projects		50	16	66	4
2	Sponsored Projects to the Institute (Sharing)	ACIC	--	01	1	-
		SPICES	01	-	1	-
		IDEA Lab	--	01	1	-
3	Consultancy Projects		35	04	39	5
Total			86	22	108	9

- 51 Completed Sponsored projects worth of Rs. 431.35 Lakhs
- 35 Completed Consultancy projects worth of Rs. 153.72 Lakhs
- 18 Ongoing Sponsored projects worth of Rs. 937.45 Lakhs
- 04 Ongoing Consultancy projects worth of Rs. 47.03 Lakhs

Prof. Rajanikanth enquired about the number of publications originated from consultancy and sponsored projects, projects leading to revenue, publications/patents and the same to be presented in the next IQAC meeting. Prof. Rajanikanth raised a query regarding the less number of publications in the calendar year 2025 in the CSE, IT, CSE(AI&ML) and emphasized on improving the number of publications.

Prof. Rajanikanth has raised a query regarding budget utilizations and Prof. P. Ravinder Reddy has clarified the same.

As there is no further discussion on this point, the Director-IQAC requested the Advisor-I&I to present Agenda Sl. No. 8.

Sl.No.8: Innovation Ecosystem: T-Hub, BITS & MSME Collaborations, MoUs, IIC, AICTE-IDEA lab, and EDC Activities for the year 2024-2025.

Item No.8: Innovation Ecosystem: The data is presented by Advisor-I&I. He mentioned that the future focus is on more number of incubators, local startup systems, funding from outside agencies. CBIT is mentor for four colleges out of which two colleges already have four star rating. This year's target is for 50 patents, conducting more awareness sessions to the students on how to write patents. Advisor-I&I presented the details of MoUs, activities, IPRs. Planned activities for the academic year 2025-2026, to mentor 3-5 schools, invite students to idea lab. ACIC will address rural innovators.

Innovation Ecosystem:

The Innovation and Incubation Cell (IIC), along with the **Idea Lab**, leads CBIT's initiatives in innovation, incubation, entrepreneurship, startups, and intellectual property rights (IPR). These programs aim to foster a vibrant culture of innovation among students by involving them in ideation, problem-solving, proof-of-concept development, design thinking, and IPR management. The combined efforts of IIC and the Idea Lab demonstrate CBIT's strong commitment to building a dynamic ecosystem that encourages creativity, experimentation, and

entrepreneurship. Strategic MoUs further amplify CBIT's academic excellence and industry relevance by promoting internships, consultancy projects, research output, and improved student employability—solidifying its reputation as a leader in technical education and innovation.

1. Strategic Collaborations and MoUs

- **35 Nos. MoUs signed in 2023–24 and till date.**

These MoUs significantly enhance CBIT's academic excellence, industry relevance, Internship, consultancy projects, research output, and student employability, positioning it as a leader in technical education and innovation.

- CBIT has formed partnerships with T-Hub, RICH, OTBI, Osmania University, and various corporations to enhance students' entrepreneurial skills. Last year, 1,132 students completed internships, training, or projects with industry partners, enhancing their problem-solving abilities and employability.

T-Hub:

- T-Hub visited by CBIT students on 03rd Nov 2023. 80+ students and 2 faculty members.
- T-works visited by cbit students on 16th April 2025 with 50+ students and 5 members of faculty
Visited prototyping and 3D printing units.
- ACIC-CBIT and TSIC are collaborating to develop and help Rural Innovators.

ni-MSME, Hyderabad, MSME, TiE Hyderabad

- Entrepreneurship programs with the theme "Education to Entrepreneurship." MoUs with Ni-MSME Hyderabad have also enabled joint FDP/MDP programs on business incubation and new technology at CBIT funded by ni-MSME.
- 3 Nos Idea Development Projects with an outlay of Rs 15 Lakhs each have been sanctioned by MSME with 85 % Funding. The Idea developments are under Progress.
- TiE Hyderabad Officials conducted a session on "Education to Entrepreneurship" CBIT campus, 250+ students 10+ faculty members participated in the event.

BITS Pilani, Hyderabad Campus

- Collaborating with esteemed institutions like BITS Pilani, Hyderabad Campus has opened the doors for student projects, with opportunities for select individuals to pursue direct PhD admissions at BITS Hyderabad.
- 21 students carried out their project work at BITs.
- A few of them are applying for the Direct PhD program under this MoU, and two of them are selected.
- For the current year, 6 students are continuing their project work at BITs Hyderabad.

Planned MoUs 2024–25:

- At least 10 new institutional/industry partnerships focusing on innovation and incubation.
- Renew, expand scope with existing partners like TASK, MSME, Incubators, and MoUs with VCs and local startup ecosystems.

2. IIC (Institution's Innovation Council)

Current Status: CBIT's consistent **Four-Star rating for four consecutive years** reflects its sustained excellence in fostering innovation and entrepreneurship through IIC and allied initiatives.

- 80+ activities conducted during the IIC Calendar Year 2023–24.
- 8000+ students benefited.
- Participation in national-level competitions (AI & Web3 HackIndia 2025).
- Conducted four quarterly events: Ideathon, Poster/Product Displays, Business Plan Competitions.
- As per MIC guidelines, Mentored four Academic Institutions for their IIC activities.

Planned Activities (2024–25):

- 90+ innovation-related events scheduled until August 2025.
- Hosting and participation in HackIndia 2025 (National Hackathon at CBIT).
- Four quarterly events: Ideathon, Poster/Product Displays, Business Plan Competitions.
- Collaboration with industry experts for student skill development.
- Participation in Smart India Hackathon (SIH) 2025.

Target: CBIT's consistent **Four-Star rating for the last four consecutive years** has to be maintained.

3. IPRs (Intellectual Property Rights)

Summary till Date:

- Patents Filed: [153]
- Patents Granted: [23]
- Copyrights/Designs: [13]

Target for IPR filing, Year 2025 as per NIRF Requirements:

- Filing and publishing of at least 50 new patents. Efforts for 10 IPR Grants.
- IPR workshops for all departments. Assistance to students for IPRs.
- Collaborate with external IP attorneys for facilitation. (Mr. Afzal Hassan & Vatsala Singh Hassan (IP Attorney). Mr. Tapan Brahma (IP Attorney) and Others.

4. AICTE IDEA Lab

- CBIT proudly hosts the prestigious AICTE IDEA Lab, which is actively operational and serves as a hub for idea incubation, rapid prototyping, and student skill development. The lab provides essential resources that empower students to transform innovative concepts into tangible solutions.
- Complementing this are the facilities like the Drone and Robotics Lab and the Digital Manufacturing Lab, which play a critical role in enabling hands-on learning and prototype development.
- Over 1,200 students are trained annually across the Digital Manufacturing Lab and the Drone and Robotics Lab, where they gain practical experience in design thinking, product design, and prototype fabrication.

Other Key Activities at IDEA Lab as per guidelines.

Sl. No.	Name of the activity	Dates	No of Students or Faculties benefitted
1	ISL Engg college visited CBIT	17-APR-2025	55
2	CBIT-AICTE IDEA LAB Participated in National Level Tech Fest 2025 at New Delhi	08 th Mar-2025	Two teams
3	The Visit of AVNIET Engg College for New Idea Lab Establishing their college	22-Feb-2025	Five faculties along with the Principal
4	Conducted Open Day for Govt. School Khanapur Students	07-Feb-2025	65
5	Under the AICTE Margadarshan Scheme, G. Narayanamma Institute of Technology (GNIT) organized a visit to CBIT's AICTE IDEA Lab for 25 faculty members from GNIT, VNR Vignana Jyothi, Muffakham Jah, and Deccan Colleges, along with 43 girl students from GNIT. The visit provided an overview of the lab's facilities and highlighted its role in fostering innovation, hands-on learning, and industry-relevant skills , aiming to inspire collaboration and interest in emerging technologies .	14-Feb-2025	25 Faculties & 43 Students

AICTE IDEA Lab Internship (Rural Entrepreneurship Addressing SDGs)

- In 2024, a total of 367 students (moving from 2nd to 3rd year) successfully completed a 90-hour rural summer internship at the AICTE IDEA Lab.
- The program focused on promoting entrepreneurship aligned with the Sustainable Development Goals (SDGs).
- Through real-world exposure to rural challenges, students developed innovative, socially impactful solutions while enhancing their entrepreneurial mindset and industry-relevant skills.
- Additionally, 117 senior students (progressing from 3rd to 4th year) took part in an industrial entrepreneurship internship, gaining hands-on experience in startup development, innovation processes, and industrial problem-solving.

5. EDC (Entrepreneurship Development Cell) Activities (Key Programs):

Sl.No.	Name of the activity	Dates	No of Students benefitted
1	Speaker session on "How to Initiate the Startup Journey During Early College Days"	07-08-2024	153
2	Faculty Development program / Management Development program on 5S, Kaizen, Lean and TQM	19 th – 23 rd February 2024	25
3	Entrepreneurship and Innovation as Career Opportunities	17-11-2023	93
4	World Intellectual Property Day Theme: Women and IP: Accelerating innovation and creativity	26-04-2023	199
5	Faculty Development Programme On "Establishment & Management of Business	14 th -18 th March 2023	Faculty- 25

	Incubators”		
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6. ACIC CBIT Achievements:

Achievements:

- Award of Excellence in Community Service by the HMKEWS (Hyderabad Mathur Kayastha Education and Welfare Society)
- Mr. Pratham Raj Mathur (CIF) ACIC-CBIT received the Award
- Best Digital Transformation in Healthcare: Kode Blue, CIF CBIT has received the Best Digital Transformation in Healthcare award
- **Number of Startups Incubated: 25**
- **Community Innovation Projects executed:**
 - Automated Sprinkler System – A device for efficient pesticide spraying, reducing labour and ensuring uniform distribution.
 - Smart CC Cameras – An alert-based security system to monitor critical activities and provide real-time updates.
 - Soil Testing Device – A tool to measure water content, NPK values and other essential soil health parameters, empowering farmers with data-driven insights.
 - Pulse Peeling Machine – A mechanized solution to simplify pulse processing, enhancing efficiency and reducing manual effort.

Plan 2025–26:

- Scale and Institutionalize Grassroots Innovation Programs.
- Expand Rural Innovation Challenges to Regional Level.
- Strengthen Startup Pipeline Integration.
- Capacity Building for Local Ecosystem Enablers.
- Promote IP and Market Linkages for Rural Innovators.

As there is no further discussion on this point, the Director-IQAC requested the i/c Head-HR to present Agenda Sl. No. 9.

Sl.No.9: Summary of Faculty and staff Details (as on date) and the Recruitments carried out during the year 2024-25.

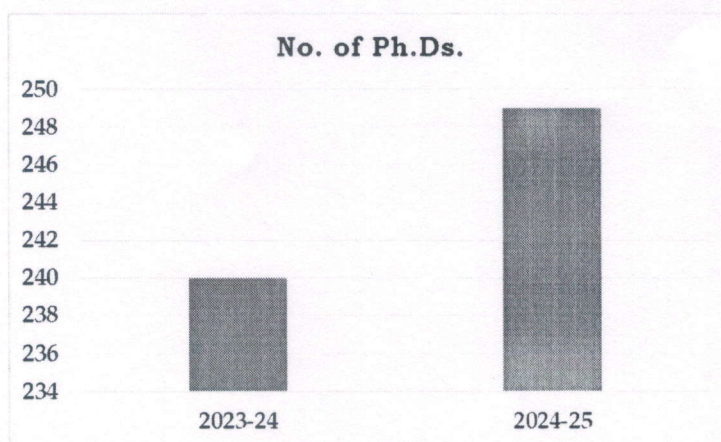
Summary of faculty and staff details (as on date) and the recruitments carried out during the academic year 2024-2025 is presented by Sri. J. Bala Subramanyam, I/c Head-HR.

Faculty Information - Department wise is summarized in the following table:

Sl. No	Department	Prof.	Adjunct Professor	Assoc. Prof.	Asst. Prof.	Grand Total	With Ph.D.	Pursuing Ph.D.
1	Mechanical	6	1	5	30	42	30	12
2	CSE	4	1	8	21	34	18	16
3	CE & T	2	-	-	7	9	3	6
4	AI & ML	2	1	2	12	17	5	12
5	EEE	5	1	5	17	28	19	9
6	CIVIL	3	1	3	19	26	15	11
7	ECE	7	1	9	27	44	36	8
8	IT	4	1	8	19	32	20	12
9	AI & DS	2	1	4	14	21	9	12
10	Chemical	1	1	3	6	11	10	1
11	Bio-Tech	1	1	3	8	13	13	-
12	Chemistry	1	-	2	9	12	12	-
13	Physics	2	-	1	10	13	13	-
14	MCA	-	-	1	5	6	3	3
15	SMS	1	-	4	14	19	17	2
16	Mathematics	1	-	1	15	17	15	2
17	English	-	-	-	12	12	8	4
18	Library & Information centre	-	-	1	-	1	1	-
19	Physical Education	-	-	-	2	2	2	-
	Grand total	42	10	60	247	359	249	110

A total of 28 faculty members were recruited during 2024-25, with 14 holding Ph.D. degrees.

Comparison of Ph.D. faculty on Rolls:



The faculty count based on Ph.D. qualification is summarized below:

Total faculty	: 359	Number of Ph.D holders	: 249
No. of male faculty	: 223	Male faculty with PhD	: 160

No. of female faculty : 136

Female faculty with PhD : 89

Non-teaching staff details, department wise is summarized in the following table :

Sl.No	Department	Technical staff	Non-Technical / Ministerial staff	Grand Total
1	AI & DS	2	2	4
2	AI & ML	3	2	5
3	Bio-Technology	5	1	6
4	CE & T	2	1	3
5	Chemical	2	2	4
6	CIVIL	10	1	11
7	CSE	13	2	15
8	IT	6	2	8
9	EEE	11	1	12
10	ECE	13	-	13
11	Mechanical	16	3	19
12	MCA	2	-	2
13	Examination Branch	4	22	26
14	Human Resources	-	5	5
15	I & I	-	1	1
16	Mathematics	-	2	2
17	Physics	2	1	3
18	Chemistry	5	1	6
19	English	-	2	2
20	Library	1	12	13
21	Maintenance	3	41	44
22	Director's Office	-	5	5
23	Accounts	2	7	9
24	Admin	1	3	4
25	PED	-	1	1
26	CDC (T & P)	2	-	2
27	Proj. & Maint.	6	5	11
28	Purchase	-	5	5
29	R & D	2	2	4
30	SMS	-	2	2
31	Student Transport	-	2	2
32	Transport	-	10	10
33	WBC	-	1	1
Grand Total		113	147	260

Other Information:

- Three faculty members are granted permission to pursue postdoctoral fellowships both offline and online.
- Dr. Ranjit J Singh, Asst. Professor, Dept. of Mechanical Engineering was granted

- permission to pursue a postdoctoral fellowship in the United States (offline).
- Dr. P. Vijay Babu, Asst. Professor, Dept. of Electrical Engineering was granted permission to pursue a postdoctoral fellowship in Singapore (offline).
- Dr. Kadiyala Ramana, Associate Professor, Dept. of AI&DS was permitted to pursue a postdoctoral fellowship online.
- Eight faculty members have joined in the organization from different states in various departments.
- Chaitanya Bharathi Institute of Technology (CBIT) has released a notification inviting applications for the recruitment of faculty and staff in various departments. The notification includes teaching and non-teaching positions to fulfil the requirements for the academic year 2025–26.

After the completion of this agenda item, Prof. B.S. Rajanikanth took up the item and categorically mentioned that the existing procedure will be strengthened and the details to be discussed in a separate forum.

The Director–IQAC requested the Nodal Officer-NIRF to present Agenda Sl. No. 10.

Sl.No.10: A note on institutional data uploaded for NIRF-2025.

A note on institutional data uploaded for NIRF-2025 was presented by Prof. G. Laxmaiah, Nodal Officer-NIRF.

The National Institutional Ranking Framework (NIRF), an initiative by the Ministry of Human Resource Development (MHRD), issues a notification annually inviting academic institutions across the country to submit data for national rankings.

In accordance with Office Order No. CBIT/195/Admn/2024 dated 24.10.2024, an Institute-Level NIRF Committee is constituted with a Nodal Officer. This committee is responsible for collecting and consolidating the necessary data from all departments. The compiled data is successfully uploaded to the NIRF portal on 31.01.2025. The Institute participated in the **Overall, Engineering, and Innovation** ranking categories.

The committee has estimated an expected total score of **40.43** in the **NIRF 2025 Engineering Category**, showing an improvement over the **NIRF2024 score of 39.235**. Based on these scores, the Institute is projected to maintain its position within the 151–200 rank band.

All criterion-wise scores, along with a comparison to the previous year's scores, are presented in the table below.

NIRF YEAR	TLR (100)	RPP (100)	GO (100)	OI (100)	Perception (100)	Total Marks(100)	Rank
2025(E)	60.83	12.94	61.71	52.68	8	40.439(E)	151-200(E)
2024	59.79	11.68	58.88	52.32	7.86	39.235	151-200
2023	58.37	8.19	58.15	53.1	5.92	37.5	151-200
2022	57.49	3.07	56.9	51.94	10.95	35.837	166

2021	60.36	2.21	56.74	51.57	10.45	36.321	133
2020	57.82	2.01	57.52	50.22	8.5	35.325	124
2019	61.07	2.16	56.8	51.01	4.33	35.863	100

For the data submitted to NIRF 2025, the expected scores for each criterion are as follows:

Criteria I: Teaching, Learning & Resources (TLR) 100 Marks

$$\text{TLR} = \text{SS} (20) + \text{FSR} (30) + \text{FQE} (20) + \text{FRU} (30)$$

SS	FSR	FQE	FRU	TLR
12.73	26.75	13.58	7.77	60.83

Criteria II: Research and Professional Practice (RPP) 100Marks

$$\text{RPP} = \text{PU}(35) + \text{QP}(40) + \text{IPR}(15) + \text{FPPP}(10)$$

PU	QP	IPR	FPPP	RPP
6.78	1.06	5	0.1	12.94

Criteria III: Graduation Outcome (GO):100 marks

$$\text{GO} = \text{GPH}(40) + \text{GUE}(15) + \text{GMS}(25) + \text{GPHD}(20)$$

GPH	GUE	GMS	GPHD	GO
34.35	15	12.36	0	61.71

Criteria IV: Outreach and Inclusivity (OI): 100 marks

$$\text{OI} = \text{RD}(30) + \text{WD}(30) + \text{ESCS}(20) + \text{PCS}(20)$$

RD	WD	ESCS	PCS	OI
2.29	26.01	4.37	20	52.68

Criteria V Perception (PR) – 100 marks

Perception score is estimated at 8.0

The following observations are made during the process of estimating the final scores

- 1) Due to the unavailability of Ph.D. admissions, no marks are awarded in **Criterion 1: Student Strength (SS)** and **Criterion 3: GPHD (Graduating Ph.D. Students)**.
- 2) A faculty member is considered eligible for FSR only if employed during both semesters of the academic year. It has been consistently observed that the number of eligible faculty is lower than the total faculty strength on record, leading to a faculty-to-student ratio exceeding 1:15. As a result, the Institute loses marks under **Criterion 1 of TLR (Teaching, Learning & Resources)**, and this shortfall also impacts **Criterion 2(RPP)**.
- 3) The number of out-of-state/countries students is relatively low, leading to a loss of marks under **Criterion 4: Regional Diversity (RD)**.
- 4) 50% women student enrollment is required to obtain full marks in **Criterion 4**, the actual percentage is observed lower.

As there is no further discussion on this point, the Director-IQAC presented Agenda Sl. No. 11.

Sl. No. 11: Programs, Accredited by NBA (as on date) and a note on applying to NBA for the other eligible programs

Prof. N. V. Koteswara Rao, Director-IQAC presented the data regarding the programs accredited by NBA (as on date) and a note on applying to NBA for the other eligible programs. He mentioned that 12 UG programs have been accredited till 30.06.2027.

The following table summarizes the programs offered by the institute for the Academic Year 2024-25 (12-UG Programs and 10 PG Programs):

Sl. No	Name of the Program
1.	B.E- Civil Engineering
2.	B.E- Computer Science and Engineering
3.	B.E- Electrical & Electronics Engineering
4.	B.E- Electronics & Communication Engineering
5.	B.E- Mechanical Engineering
6.	B.E- Information Technology
7.	B.Tech- Chemical Engineering
8.	B.Tech- Bio Technology
9.	B.E- Artificial Intelligence and Data Science
10.	B.E- Computer Science and Engineering (AIML)
11.	B.E- Computer Science and Engineering (Internet of Things and Cyber Security Including Block Chain Technology)
12.	B.E. - Electronics Engineering (VLSI Design And Technology)
13.	M.E – Structural Engineering
14.	M.E – CAD / CAM
15.	M.Tech –CSE
16.	M.E – Communication Engineering
17.	M.E- Power Systems & Power Electronics
18.	M.E-Embedded System and VLSI Design
19.	M.Tech - Artificial Intelligence and Data Science
20.	M.Tech. - Information Technology (Artificial Intelligence and Robotics)
21.	MBA (Master of Business Administration)
22.	MCA (Master of Computer Applications)

(i) The NBA accreditation for the following 12 programs is valid until 30th June 2027.

Sl. No	Name of the Program
1.	B.E- Civil Engineering
2.	B.E- Computer Science and Engineering
3.	B.E- Electrical & Electronics Engineering
4.	B.E- Electronics & Communication Engineering
5.	B.E- Mechanical Engineering
6.	B.E- Information Technology
7.	B.Tech- Chemical Engineering
8.	M.E – Structural Engineering
9.	M.E – CAD / CAM
10.	M.E – Communication Engineering
11.	M.E- Power Systems & Power Electronics
12.	M.E-Embedded System and VLSI Design

(ii) Proposed plan/Remarks to apply for NBA accreditation for other eligible programs:

Sl. No	Name of the Program	Proposed Plan/Remarks
1.	B.Tech- Bio Technology	The respective departments are preparing to upload the NBA application in October 2025 and are planning to complete the NBA expert visit before 31 st December 2025.
2.	M.Tech –CSE	
3.	MBA (Master of Business Administration)	
4.	MCA (Master of Computer Applications)	To strengthen further a few NBA criteria(s)

(iii) Proposed plan/Remarks to apply for NBA accreditation for new programs:

Sl. No	Name of the Program	Proposed Plan/Remarks
1.	B.E- Artificial Intelligence and Data Science	The programs gets eligibility from 2026-27, the SAR of the respective programs shall be submitted in October 2026 to NBA and to obtain accreditation status from the year 2026-27 (CAY), the NBA visit shall be completed before 31-12-2026.
2.	B.E- Computer Science and Engineering (Artificial Intelligence and Machine Learning)	
3.	B.E- Computer Science and Engineering (Internet of Things and Cyber Security Including Block Chain Technology)	
4.	M.Tech - Artificial Intelligence and Data Science	The respective UG program must be Accredited by NBA and will apply for NBA accreditation in the academic year 2027-28.
5.	B.E. - Electronics Engineering (VLSI Design And Technology)	The program(s) commenced in the academic year 2024-25. A minimum of three graduating batches is required to be eligible for NBA accreditation.
6.	M.Tech. - Information Technology (Artificial Intelligence and Robotics)	

As there is no further discussion on this point, the Director–IQAC requested the members to discuss Any other item with the permission of chair, Agenda Sl. No. 12.

Item No.12: Any other item with the permission of chair

Prof. Ch. V. Krishna Rao, Principal, Govt. Polytechnic College advised a girls hostel on the campus as many students are from rural background and appreciated the institution for providing admissions to the diploma students and increasing the intake to 30 seats.

Prof. K. Krishna Veni, Vice-Principal has clarified the query raised by Prof. Ch. V Krishna Rao regarding the importance of minor engineering in CSE allied specialization for core engineering students in getting the placements in CSE/IT related fields.

Prof. A. D. Sarma, Advisor-R&D raised a concern regarding the contribution of faculty towards the publications and projects. As of now around 25% of the faculty are contributing to the same.

Ms. Vangala Bhavya Sri, VI Semester ECE, the student nominee, expressed her satisfaction regarding the courses, faculty, teaching learning process, infrastructure and the facilities provided by the institution.

The meeting ended with the closing remarks by the Principal. The principal thanked Prof. Rajanikanth and other members for their suggestions and sparing their valuable time. The principal thanked the Director-IQAC, Associate Director-IQAC for successfully conducting the meeting and also thanked all the members of IQAC for their active participation.

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23.07.25



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