



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(Autonomous)

Kokapet (Village), Gandipet, Hyderabad, Telangana – 500075

www.cbit.ac.in

Criteria	<b>Criterion VI: Governance, Leadership and Management</b>
Key Indicator - 6.5	<b>Internal Quality Assurance System</b>
Metric 6.5.3	<p><b>Quality assurance initiatives of the institution include:</b></p> <ol style="list-style-type: none"> <li>1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements</li> <li>2. Collaborative quality initiatives with other institution(s)</li> <li>3. Participation in NIRF</li> <li>4. Any other quality audit recognized by state, national or international agencies (ISO Certification)</li> </ol>
<b>ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) ANNUAL REPORTS</b>	

## INTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) FOR THE ACADEMIC YEAR 2021-22

S. No.	Activity	Page Number(s)
1.	Academic and Administrative Audit for Mechanical Engineering Department	2-18
2.	Academic and Administrative Audit for Computer Science & Engineering Department	19-27
3.	Academic and Administrative Audit for Electronics & Communication Engineering Department	28-39
4.	Academic and Administrative Audit for Electrical & Electronics Engineering (EEE) Department	40-71
5.	Academic and Administrative Audit for Information Technology Department	72-100
6.	Academic and Administrative Audit for Chemical Engineering Department	101-118
7.	Academic and Administrative Audit for Physics Department	119-128
8.	Academic and Administrative Audit for Chemistry Department	129-137
9.	Academic and Administrative Audit for English Department	138-144
10.	Academic and Administrative Audit for Civil Engineering Department	145-173
11.	Academic and Administrative Audit for Master of Computer Applications (MCA) Department	175-185
12.	Academic and Administrative Audit for School of Management Studies (SMS) Department	186-192
13.	Academic and Administrative Audit for Academic & Examinations Cell (AEC)	193-197
14.	Academic and Administrative Audit for Atal Community Innovation Centre (ACIC)	198-200
15.	Notifications/Circulars & Details of Audit Team	201-203

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

## Academic and Administrative Audit Form (For the Departments)

Period to consider 1<sup>st</sup> July 2021 – 30<sup>th</sup> June 2022 for Auditing Process: (CAY: 2021-22)

### PART – I: PRELIMINARY INFORMATION

1. Name of the Department : Mechanical Engineering
2. Date of Visit : 17/08/2022
3. Members of the Audit Committee :
  - (i) Prof. A.D. Sarma, Director R&D
  - (ii) Prof. K. Sagar, CSED

### PART –II: ACADEMIC INFORMATION

Sl. No	Particular	Remarks																								
1	(a) Courses Offered																									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Name of the Program</th> <th style="width: 20%;">Intake</th> <th style="width: 20%;">Year of Commencement of the program</th> </tr> </thead> <tbody> <tr> <td>BE (Mechanical)</td> <td style="text-align: center;">120</td> <td style="text-align: center;">1979</td> </tr> <tr> <td>BE (Production)</td> <td style="text-align: center;">60</td> <td style="text-align: center;">1983</td> </tr> <tr> <td>ME (CAD/CAM)</td> <td style="text-align: center;">25</td> <td style="text-align: center;">2002</td> </tr> <tr> <td>ME (Thermal Engineering)</td> <td style="text-align: center;">18</td> <td style="text-align: center;">2012</td> </tr> </tbody> </table>	Name of the Program	Intake	Year of Commencement of the program	BE (Mechanical)	120	1979	BE (Production)	60	1983	ME (CAD/CAM)	25	2002	ME (Thermal Engineering)	18	2012										
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(b) Availability of Time Tables : Annexure - I																										
(i) Consolidated Time Tables ✓ (ii) Class Time Tables ✓ (iii) Individual Faculty Time Tables ✓ (iv) Laboratory wise Time Tables ✓ (v) Individual Non-Teaching/Faculty Time tables ✓ (vi) Calendar ✓																										
Faculty Information:																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">Required</th> <th colspan="2">Available</th> </tr> <tr> <th>Regular</th> <th>Contract</th> </tr> </thead> <tbody> <tr> <td>Professors</td> <td style="text-align: center;">06</td> <td style="text-align: center;">07</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Associate Professors</td> <td style="text-align: center;">10</td> <td style="text-align: center;">06</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Assistant Professor</td> <td style="text-align: center;">32</td> <td style="text-align: center;">26</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Total (1:15)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Required	Available		Regular	Contract	Professors	06	07	-	Associate Professors	10	06	-	Assistant Professor	32	26	10	Total (1:15)							
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	Regular	Contract																								
Professors	06	07	-																							
Associate Professors	10	06	-																							
Assistant Professor	32	26	10																							
Total (1:15)																										
(a) Faculty members with																										
(i) Ph.D qualification : 27 (ii) Post Graduation Qualification: 22 (iii) Any Other (specify) : _____ (iv)																										
(b) FSR Ratio (UG) : <u>18.67</u> PG: <u>16.72</u>																										
(c) Teaching Experience (within CBIT) of the Faculty in the Department:																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Tenure</th> <th style="width: 40%;">No. of Faculty</th> </tr> </thead> <tbody> <tr> <td>More than 15 Years</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Between 8 to 15Years</td> <td style="text-align: center;">09</td> </tr> <tr> <td>Between 1 to 8 Years</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Below 1 Year</td> <td style="text-align: center;">04</td> </tr> </tbody> </table>	Tenure	No. of Faculty	More than 15 Years	18	Between 8 to 15Years	09	Between 1 to 8 Years	18	Below 1 Year	04																
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S.No	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT (Years)	Experience before joining CBIT (Teaching/ Industry)	Total Experience																			
1	Dr. P. Ravinder Reddy	Professor & Principal	Ph. D (Mech.)	19-06-1992	30	3	33																			
2	Dr. G. Chandra Mohan	-do-	Ph. D (Mech.)	24-11-1992	30	1	31																			
2																										

	Reddy						
3	Dr. M.V.S.Murali Krishna	-do-	Ph. D (Mech.)	05-08-1987	35	02	37
4	Dr. P.V.R. Ravindra Reddy	Prof. & Head	Ph. D (Mech.)	10-07-1998	24	-	24
5	Dr. N.V.Srinivasulu	Professor	Ph. D (Mech.)	05-1-1998	24	7	31
6	Dr. P.Prabha Kar Reddy	-do-	Ph. D (Mech.)	26-12-1997	24		
7	Dr. G. Laxmaiah	-do-	Ph. D (Mech.)	25-06-2004	18	8	26
8	Dr. T. Ratna Reddy	Assoc. Prof.	Ph. D (Mech.)	11-11-1986	36	-	36
9	Dr. R. Peraiah Chowdary	-do-	Ph. D (Mech.)	19-10-2000	22	10	32
10	Dr. K. Kishor	-do-	Ph. D (Mech.)	22-12-2004	18	14	32
11	Dr. V.V. R. Seshagiri Rao	-do-	Ph. D (Mech.)	24-06-2005	17	13	30
12	Dr. S. Solomon Raj	-do-	Ph. D (Mech.)	13-09-2005	17	-	17
13	Dr. MD. Aleem Pasha	-do-	Ph. D (Mech.)	20-10-2016	06	-	06
14	Sri. P.Radha Krishna Prasad	Asst. Prof.	M.E (Engg. Design)	11-03-1992	30	05	35
15	Sri P. Kiran Kumar	-do-	M.Tech (M/c Design)	27-10-2005	17	06	23
16	Dr. L. Suresh Kumar	-do-	Ph. D (OR&SQC), LLB	14-12-2005	17	05	22
17	Smt. Y. Nagini	-do-	M.E (Heat Transfer)	15-12-2005	17	02	19
18	Dr.Ch. Indira Priya Darsini	-do-	Ph. D (Mech.)	25-08-2006	16	03	19
19	Sri. N. Venkateshwar Rao	-do-	M.E CAD/CAM	22-08-2006	16	-	16
20	Ms. V. Sandhya	-do-	M.Tech (Prod.)	29-10-2008	14	05	19
21	Dr. S. Narasimha Kumar	-do-	Ph. D (Mech.)	29-01-2008	14	6.5	20.5
22	Smt. N. Jyothiirmayi	-do-	M.Tech (Mnfg. Systems)	21-01-2008	14	2	16
23	Dr. B.V.S. Rao	-do-	Ph. D (Mech.)	01-07-2009	13	16.5	29.5
24	Sri V. Jai Pal Reddy	-do-	M.E (Mnfg.System s)	14-07-2008	14	-	14
25	Dr.N. Janardhan	-do-	Ph. D (Mech.)	02-09-2010	12	09	21
26	Smt. P. Anjani Devi	-do-	M.E (CAD/CAM)	20-07-2012	10	-	10
27	Dr. P. Rama Lakshmi	-do-	Ph. D (Mech.)-JNTU	16-07-2012	10	03	13
28	Mrs. Ch. Venkata Sushma	-do-	M.E (CAD/CAM)-(Ph.D-Composite Materials-JNTUH)	20-01-2014	8	-	8
29	Mr. T. N. Aditya	-do-	M.Tech (Engg. Design)	22-09-2016	6	-	6
30	Mr. K. Gurubrahmam	-do-	M.E (M/c Design)	17-10-2016	6	7	13
31	Mr. A. Chandrakanth	-do-	M.E (Mechanical)	20-10-2016	6	6.5	12.5
32	Mr. D. Ravi	-do-	M.Tech (Thermal Engg.)	01-03-2016	6	6	12
33	Dr. Rahul	-do-	Ph. D (Mech.)-HCU	28-06-2019	3	3	06
34	Mr. P. Surendar Reddy	-do-	M.E (CAD/CAM)	23-02-2015	7	-	7
35	Dr. Y.S Kannan	-do-	Ph.D (FM)-IIT, M.Tech(Ther	20-09-2021	<1	0.5	1

			mal Power Engg.)-NIT				
36	Dr. Inturi Vamsi	-do-	Ph. D (Mech.)-BITSHyd	27-01-2021	1	2.5	3.5
37	Dr. Amireddy Kiran Kumar	-do-	Ph. D (Mech. Engg.,)	21-02-2022	<1	9.5	9.5
38	Dr. Ashutosh Sahu	-do-	Ph. D (Metallurgical Engg.,)	07-03-2022	<1	6	6
39	Dr. Ranjit Jayprakash Singh	-do-	Ph. D (TE) 3-PDFs USA	15-03-2022	<1	5.7	6
40	Dr. Puneet Chandran (C)	-do-	Ph.D.	28-01-2021	1	7	8
41	Mr. Narasimha Kulkarni (C)	-do-	M.Tech (Thermal Power Engg.)	01-03-2016	6	-	6
42	Mrs D.S. Madhuri (C)	-do-	M.E (Thermal Engg.)	30-01-2017	5	-	5
43	Mrs. Ipsita Mohanty (C)	-do-	M.E (Thermal Engg.)	29-06-2019	3	1.5	4.5
44	Mrs. KNV. Sreedevi (C)	-do-	M.Tech (Thermal Engg.)	11-09-2016	6	01	7
45	Mr. K. Yasoda Sreeram (C)	-do-	M.Tech (Ind.Engg. & Mgmt.)	18-06-2018	4	04	8
46	Mr. Chintireddy Sharath Reddy (C)	-do-	M.Tech (M/c Design)	24-06-2019	3	2.5	5.5
47	Dr. Hari Krishan Yadav (C)	-do-	Ph. D (Mech. Metallurgy)-NITNagapur	01-02-2021	1	1	2
48	Ms. R. Navaneetha (C)	-do-	M.E (Thermal Engg.)	31-03-2021	1	-	1
49	Mr. Venkatesu Veeravalli (C)	-do-	M.Tech (M/c Design)	01-02-2021	1	1	2

Details of Supporting Staff

(a) Lab Assistants : 0 ✓

(b) Technicians: 16 ✓

(c) Programmers: 0

(d) Assistant Programmers: 01 ✓

(e) Computer Operators : 01 ✓

(f) Skilled Assistants: 04 ✓

(g) Attenders: 04 ✓

S. No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT (Years)	Experience before joining CBIT (Academic Institute/Industry)	Total Experience	Remarks
1	Mr. G. Krishna Murthy	Tech. Grd-1	I.T.I	10-10-1988	34	2	36	
2	Mr. A. Nagaiah	-do-	I.T.I	01-08-1988	34	2	36	
3	Mr. Y. Rama Krishna Reddy	-do-	I.T.I Diesel Mechanic	01-08-1995	27	-	27	
4	Mr. N. Chandra Sekhar	Tech. Grd-2	B.Tech	21-04-2004	19	3	22	
5	Mr. M. Laxman	Tech. Grd-2	I.T.I	01-04-1988	34	-	34	
6	Mr. Y. Chandra Sekhar.	Asst. Prog.	MCA	12-07-2007	15	-	15	
7	Mrs. Veeramalla Anusha Goud	Computer Operator	B.E	23-02-2022	<1	3	3	



8	Mr. T. Mallesh	Tech. Grd-3	I.T.I	01-11-1996	26	5	31	
9	Mr. E. Sathya Narayana	Tech. Grd-3	I.T.I	01-06-1986	36	-	36	
10	Mr. R. Kumar	Tech. Grd-3	I.T.I	02-01-1997	25	-	25	
11	Mr. E. Ramachander	Tech. Grd-3	I.T.I	01-12-1982	40	-	40	
12	Mr. K. Rajgopal	Tech. Grd-3	Diploma	19-9-2014	8	6	14	
13	Mr. M. Devender Reddy	Tech. Grd-3	Diploma	19-09-2014	8	17	25	
14	Mr. A. Srikanth	Tech. Grd-3	M.Tech	02-06-2018	4	5	9	
15	Mr. V. Srinivas	Tech. Grd-3	Diploma	16-07-2018	4	3	7	
16	Mr. B. Pranay (C)	Tech. Grd-3	Diploma (Tool Die & Mould Making)	22-11-2021	<1	3	3	
17	Mr. Vangara Venkatesh	Tech. Grd-3	Diploma (Mech)	25-11-2021	<1	10	10	
18	Mr. Vullogu Srinivas (C)	Tech. Grd-3	B.Tech (Mech)	01-12-2021	<1	9	9	
19	Mr. S. Lava Kumar	Skilled Asst.	I.T.I	15-12-2003	19	-	19	
20	Mr. E. Ramesh	Skilled Asst.	ITI	10-08-1998	24	8	32	
21	Mr. S. Koteswara Rao	Skilled Asst.	M.A, ITI	18-12-2002	20	5	25	
22	Mr.T.Sada SivaRao	Skilled Asst.	I.T.I	01-08-1995	27	4	31	
23	Mr. K. Chinnaiah	Spl. Grd. Attender	5 <sup>th</sup> Class	30-09-1992	30	-	30	
24	Mr. R. Narsing Rao	Spl. Grd. Attender	S.S.C	22-07-2004	18	-	18	
25	Mr. Kothakonda Balakrishna	Spl. Grd. Attender	I.T.I	18-12-2002	15	-	15	
26	Mr. M. Sammaiah	Spl. Grd. Attender	6 <sup>th</sup> Class	13-8-2004	18	-	18	

- 4 (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus ✓  
(b) Evidences of syllabus for UG and PG Programs ✓  
BoS Meeting Minutes: Annexure – II

- (a) Report on three level Internal Audit Committee Findings and Action taken : Academic Audit A1, A2

Description	Availability of Internal Audit Findings Report	Availability of Action taken Report
Audit I	✓	✓
Audit II	✓	✓
Audit III	✓	✓

- 5 BE I Sem – Audit 2 & 3  
BE IV Sem – Audit 1  
BE VI Sem – Audit 2  
BE III Sem – Audit 3  
BE VII Sem – Audit 2

- (b) Report (with evidences) on supplementary Teaching Tools / ICT  
(c) Any Other relevant information \_\_\_\_\_

- (a) Report on Laboratory-wise Facilities with the following data: ✓  
(i) Equipment /Software Details

S. No.	Name of the Equipment / Software	Quantity	Price per Unit (Rs.)	Make and Model	Name of the Lab
1	GNM2-Lathe	04	169188.85	M/S Jayesams' Engineering	Machine Tools Lab

				co., 151,Rashrapathi Road, Sec'bad	
2	Tiger-Lathe	04	162780.00	M/S Union Machine tools., 134,Rashrapathi Road, Sec'bad	-Do-
3	MK(Mysore Kirloskar)- Lathe	04	185922.90	M/S Union Machine tools., 134,Rashrapathi Road, Sec'bad	-Do-
4	GEDEE WEILER Lathe	02	70410.24	M/S Union Machine tools., 134,Rashrapathi Road, Sec'bad	-Do-
5	Universal milling machine	01	106911.11	M/S Bharat Fritz werner Private Ltd., Peenya,Bangalore	-Do-
6	HMT Lathe	01	75428.00	M/S Qet Cos Ltd., factory, Umayanallor, P.O. Quilan,Kerala	-Do-
7	PSG Lathe	02	89372.08	M/S PSG Industrial Estate., 5-3-336,Rashrapathi Road, Sec'bad	-Do-
8	HMT ( New Lathe)	01	1552162.00		-Do-
9	Lathe Tool Dynamometer Drill Tool Dynamometer Milling Tool Dynamometer	1 Each	145000	Measure India	-Do-
10	Nano UTM	1	3061085	BISS	CAD/CAM Lab
11	Wear Lubrication and Friction Tester	1	980000	MAGNUM	-Do-
12	Ultra Sonic Flaw Detector	1	175000	ENISTIEN	-Do-
13	Image Analyzer	1	825000	Metco, SDM-IE200	-Do-
14	Sand testing equipment	1	282151	Mt.Sonic Engineers Pvt. Ltd,Secunderabad	Casting Lab
15	Welding Rectifier Throlex (401)(TLG)	1	120978	Advani Overlikon	Welding Lab
16	TIG Welding attachment model(ADOR TLG 25/30)	1	122737	Advani Overlikon	-Do-
17	MIG Welding M/c Ranger(400 D/C)	1	144121	Ashok Brothers, Koti,Hyderabad	-Do-
18	HP Z220 Workstation Consisting Of Ram-8GB, HDD-1TB, Graphic Card- 1GB, LRD Monitor-18.5"	25 Nos	1977150	HP Microcare Computers Pvt Ltd	CFD Lab
19	HP Z420 Workstation Consisting of Ram-16GB, HDD-3TB, Graphic Card: NVIDIA 1GB, 23" LED Monitor	1			CFD Lab

20	Ansys Academic Teaching Version 19R1	50 Users	800000	ARK Info Solutions Pvt Ltd	-Do-
21	Altair Hyper WorksV-12 Version	2 Users	955622	Akademy of design & Architecture,Hyd	-Do-
22	Online UPS 10 KVA, Batteries	1	157067	Power INN Systems & Controls, Hyd	-Do-
23	LCD Projector NEC Projector [3-230X]	1	51525	Jyoti Audio Visual Pvt Ltd., Hyd	-Do-
24	Universal Vibration Apparatus	1	58500	Supersonic Electronics	DOM Lab
25	Universal vibration Apparatus	2	117000	-Do-	DOM lab
26	DELL Precession Work Station	10	1480000	DELL	R&D Block Hexagon Lab
27	CESAR-II,PV Lite, Tank, GT Strudl	1	650000	Software	-Do-
28	Monocular metallurgical microscope model METZ 56	5	67275	Metasonic engg radio centre sec.bad (p) Ltd.	-Do-
29.	Hydra 645 3D-Printer With MK450 Extruder	1	2537000.00	Adroitec Information System Pvt Ltd. Invoice no:- E/18/P/UP/280	Do
30	PC based image analysis system include color ccd camera framer gabber card and full image analyser software	1	200000	Metsonic engineers red cross road sec' bad	MSM Lab
<b>S. No.</b>	<b>Name of the Equipment / Software</b>	<b>Quantity</b>	<b>Price per Unit (Rs.)</b>	<b>Make and Model</b>	<b>Name of the Lab</b>
31	Hydraulic press Capacity – 50 Tons	1	249750	Borewell Hydraulic	MFT Lab
32.	SEMI-HYDRAULIC PIPE BENDING MACHINE	1	206500	TEKCONS SYSTEMS	MFT Lab
33	25 TONS Hydraulic press	1	58300	Union Machine Tools	MFT Lab
34	V.M.C TRIAC	1	1499332	M TAB Engineering Private Ltd	CAD/CAM Lab
35	TRIAC V.M.C TOOLING PACKAGE	1	70000	M TAB Engineering Private Ltd	-Do-
36	HP XW 4600 WORKSTATION	1	138320	HP-Apoorva IT Solutions	-Do-
37	Refurbishing of TRIAC M/C with Tooling Package	1	300000	M TAB Engineering Private Ltd.	-Do-
38	HP 3330 DESKTOP - I7	20	975450	HP-Microcare Computers	-Do-
39	HP I5	15	661500	HP	-Do-
40	10KVA UPS	1	91967		-Do-

41	AIR COMPRESSOR	1	79660	SLS ENGINEERS	-Do-
42	DIGIMAT ACADEMIC RESEARCH SOFTWARE	1	173192	CSM SOFTWARE PVT LTD	-Do-
43	HP Z 240 WORKSTATION	10	735000	HP-Microcare Computers	-Do-
44	SOLID WORKS-18	500 Users	1087370	Logical Solutions	-Do-
45	Zeiss Measuring Optical Projector MP-320	1	95164	Zeiss	M & I Lab
46	Zeiss Large tool makers microscope	1	71479	Zeiss	-Do-
47	DAK Strain Gauge Starter kit		104760		-Do-
48	Mescon Make strain meter		85320	MESCON	-Do-
49	Dell Optiplex 3060 I7 Computer	1	52575	DELL	-Do-
50	Taylor Hobson Talysurf Surface Roughness Tester S-100 Series	1	324500	Taylor Hobson Talysurf	-Do-
51	Optical/Profile Projector 400TE, Computerized Measuring System With 2D Software	1	487635	Zeiss	-Do-
52	VCR petrol Engine	1	88825	M/s Mectrix Engineers	ATD Lab
53	4 Stroke Multicylinder petrol engine	1	192400	Tech-ED Equipment Company	-Do-
54	Bajaj 2 stroke petrol engine	1	261169	M/s IND Lab Equipment	-Do-
55	Raise 3D N2 Plus 3D Printer Volume: 305 X 305 X 610	1	588000	Adroitec Engineering Solutions Pvt Ltd.	Additive Manufacturing Lab
56	Next Engine HD 3D Scanner	1	875000	Next Engine HD 3D	-Do-
57	Flash Forge Inventor 3D Printers, Build Volume: 230 X 150 X 160 mm3	2 Nos	165200	Daksha Online Services Pvt Ltd	-Do-
58	Form Labs SLA Base 3D Printer. Build Volume: 145 X 145 X 175 mm3	1	507400	Adroitec Information System Pvt Ltd.	-Do-
59	Markforged Onyxpro 3D Printer. Build Volume: 320 X 132 X 154 mm3	1	855500	-Do-	-Do-
60	Dell Optiplex 3060 I7 Systems Consisting Of Ram-8GB, HDD-1TB, Graphic Card-2TB, Monitor 20"	12 Nos	743994	Care Computer Services	-Do-

60	GI sheet cutting machine	1	51620		Central Workshop
61	BOSCH tuition kit for modernisation of workshop	1	269724	BOSCH tuition kit for modernization of workshop	-Do-
62	Refrigeration Tutor	1	82900	B.S. Pyromatic India (p) Ltd	Thermal Engg. Lab
63	Axial Flow fan	1	200000	INDLAB Equipment	-Do-
64	Centrifugal Blower Test rig	1	202800	-Do-	-Do-
65	Nozzle pressure distribution apparatus	1	105385	-Do-	-Do-
66	Air conditioning Tutor	1	72000	B.S. Pyromatic India (p) Ltd	-Do-
67	Subsonic WindTunnel	1	4,50,000/-		Do-
68	Coefficient of thermal expansion -Measurement of solids, liquids and gases	1	134004	INDLAB Equipment	Thermal Systems Lab
69	Heat pipe demonstration	1	83855	-Do-	-Do-
70	Thermal capacity of solids	1	56331	-Do-	-Do-
71	Determination of Isentropic coefficient of air-Clement Desormes Method	1	66812	-Do-	-Do-
72	Kirloskar 5 HP Diesel engine with computer interfacing	1	6029063	-Do-	-Do-
73	Cross flow heat exchanger	1	75531	-Do-	-Do-
74	Multicylinder 4-Stroke Diesel engine	1	737036	-Do-	-Do-
75	DELL Desktop Intel (R) Core i7-8700 CPU, 8GB RAM, 1 TB Hard Disk, DVD RW, 20"LED Monitor, Keyboard and Mouse	130Nos	7150000	DELL	Engineering Graphics & Design Lab
76	20 KVA Online UPS with 1/2 hour back	1	228400	Power Systems	-Do-
77	10KV online UPI Techsel Make	1	272000	Techsel	-Do-
78	Solar Thermal Training System	1	3,50,000/-	Ecosense Delhi	Design of Solar and Wind Systems Lab
79	Solar Concentrator Training System	1	5,50,000/-	Ecosense Delhi	Design of Solar and Wind Systems Lab
80	Wind solar Hybrid training system	1	8,26,000	Ecosense Delhi	-do-
81	G 3D Pixel Dual 3D Printer	7	52,330.508	Keerthika Technologies	Digital Manufacturing



82	ACAR 200 3D Printer	8	51,300	Makeva Technologies	
83	Wind – PV Hybrid Training System		8,26,000	Ecosense Sustainable Solution (P) 1 TD F-34/8, Okhla Industrial Estate, Phase-I, New Delhi	Design of Solar and Wind Systems Lab
84	Air Blower Test Rig Model: IC14 3HP Centrifugal Blower with 3 Impellers with a variable speed arrangement.	1	1,05,000	Tech-ED Equipment Company, Nagarbhavi, Bengaluru	Thermal Engineering Lab
85	Air Blower Test Rig Model: IC14 3HP Centrifugal Blower with 3 Impellers with a variable speed arrangement.	1	18,000	Tech-ED Equipment Company, Nagarbhavi, Bengaluru	
86	Axial Flow Fan Test Rig Model: FM36A Mounted in a Transparent acrylic duct of 300mm dia, and 2m long with baffles at inlet (Suction)	1	80,000	Tech-ED Equipment Company, Nagarbhavi, Bengaluru	

(ii) Procurement of additional equipment / Software (in the current academic year if any). ✓

S.No.	Name of the Lab	Name of the Equipment	Cost of the Equipment (Rs.)
1	CAD/CAM	SOLIDWORKS 2018 500USERS(2018-19)	1087370
2	Applied Thermo Dynamics	Dual fuel engine with computerised Test bed(MODROBS)	Rs8,45,359/-
3	Metal Forming	SPINNING LATHE MACHINE(11 11”BEDX11” CENTRE	1,53,400
4	Engineering Graphics & Design	HP Laserjet printers - 4 Nos.	41,998
5	DSWS Lab	Wind solar Hybrid training system	8,26,000
6	Material Science and Metallurgy Lab	1. Muffle Furnace 2. Master double disc polisher 3. Metzer-M Binocular Metallurgical Microscope	Rs.16,875/- Rs.54,360/- Rs.21,375/- Total including TAX= Rs.1,09,280/-
7	Additive Manufacturing Lab	FlashForge 3Dprinters (6No's) Markforged & FormLabs 2 DELL systems I7(12nO'S) Hydra 3D printer 2020-21 Form 3B 3D printer	604160 1362900 743995 2537000  501500
8	Metrology & Instrumentation lab	1.Optical/profile projector 400TE with comp measuring system with 2D 2.Taylor hobson Talysurf Surface Roughness Tester(Surtronic S 100)	Rs.4,87,635/-  Rs.3,24,500/-

(b) Report on Consolidated Computing facilities in the Department ✓

(i) Number of PCs: 244 Working, 1 Not Working

(ii) List of the Software/ Software packages/Simulation Tools: Annexure - III

(iii) No of Printers available: 12 Working, 1 Not Working

(c) Availability of updated Stock Registers: Yes ✓

(d) Adoption of safety measures in the Department: Yes ✓

Report on Faculty Improvement/Enrichment Programmes: Annexure - VI

- (a) FDP/STTP/Workshops/Seminars organized by the Department : 07 ✓
- (b) Conferences organized by the Department: Nil ✓
- (c) FDP/STTP/Workshops/Seminars attended by the faculty: 106 ✓
- (d) Conferences presented/attended by the Faculty: 15 ✓
- (e) Any Other relevant information:
  - Awards received by the faculty: 07 ✓
  - Guest Lectures delivered / Resource Person: 09 ✓
  - Books Published: 04 ✓
  - Contribution to the outside world: 03 ✓
  - Other Achievements: 01 ✓
  - Industrial Visit: 05 ✓

(a) Report on Research Publications: ~~Evans~~

- (i) No. of publications in Journals
  - National : 0
  - International : ~~14~~ 33
- (ii) No. of publications in Conferences
  - National : 0
  - International : 01

error checked; ✓

(b) Report on Patents/ copyrights/Industrial Designs :

- (i) Published: 07 ✓
- (ii) Granted : 0

(a) Report on Ongoing Research/Sponsored Research Project Details: ✓

Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status
Design and Development of Components of Artificial Heart	Dr. P Ravinder Reddy	CBIT	50,00,000	Ongoing
MODROBS Development of Ceramic Coated Diesel Engine Fuelled with CNG and Biodiesel Blended	HOD & Narsimha Kumar	AICTE MODROBS	9,95,000	Ongoing
Optimization of Process Parameters for Additive Manufacturing of Defence components	Dr. G Chandra Mohan Reddy & Dr. PVR Ravindra Reddy	DRDL	9,70,000	Completed
FE Analysis of EFGC 16	Dr P Ravinder Reddy Dr G Laxmaiah	J K Fenner (India) Ltd, Hyderabad	47,000	Completed
Utilization of 3D Printing	Mr. A. Chandrakanth & Mrs. P. Anjani Devi	Innopark ventures	70,000	Completed
AICTE IDEA LAB	Dr BVS Rao	AICTE	15,00,000+ 80,00,000 (CBIT)	Ongoing
Thermo-structural studies on RCC structures for impact analysis	N Janardhan	ASL-DRDO	9,50,000	Ongoing

Any Other relevant information \_\_\_\_\_

(b) Report on Consultancy Details: Annexure IX ✓

Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)
Dr. NV Srinivasulu	Unacademy	contribution towards meeting the need of Skilled and Technically conversant Engineers and Management Professionals, for the Country	50,000 ✓

		that embarked on an Economic Growth Plan.	
CAD/CAM Lab	Different Organisations	Consultancy Activities done for various organizations. Annexure IX A	22,200 ✓
Any Other relevant information _____			

10	Report on Student Projects and their outcomes in terms of publications/ IPR (CAYm1)							
	(a) UG							
	Class/ Section	Projects Carried out within the Department	Project carried out in R&D/Defence /Govt. Organisation	Projects carried out in Private Industries/ MNC	Projects carried out through Internships	Fabricated Projects	Projects leads to Publication	Projects leads to Patent
	BE VIII Mech F1	11	01	06	0	06	Nil	Nil
	BE VIII Mech F2	14	04	02	02	09	Nil	Nil
	BE VIII Prod G	04	0	08	0	06	Nil	Nil
	Total	29	05	16	02	21	-	-
	(b) PG							
	Class/ Section	Projects Carried out within the Department	Project carried out in R&D/Defence /Govt. Organisation	Projects carried out in Private Industries/ MNC	Projects carried out through Internships	Fabricated Projects	Projects leads to Publication	Projects leads to Patent
	ME Thermal Engineering	05	01	Nil	Nil	Nil	Nil	Nil
ME CAD/CAM	02	07	Nil	Nil	Nil	02	Nil	
Total	07	08	-	-	-	02	-	

11	Report on MoUs and Ongoing /Completed Activities : 2 ✓
	<ol style="list-style-type: none"> <li>An MoU was made with Unacademy on 22.3.2022 which generated an amount of Rs.50000 by the efforts of Dr. N V Srinivasulu.</li> <li>MoU between CBIT and M/s Fastworks Consulting Services Pvt. Ltd. (3D Labs India), Padmavathi plaza, Store No 119, KPHB Main Road, Besides Kalamandir, Hyderabad - 500072.</li> </ol>

12	Report on Library, Internet & other facilities:
	<p>(a) Library and Information Centre</p> <p>(Furnish Programme-wise Details):</p> <p>(i) Number of Titles: 2427</p> <p>(ii) Total volumes of Books: 11631</p> <p>(iii) Number of Journals: 14</p> <p>(iv) Online Journals Subscriptions: 100+</p> <p>(v) Online e-books Subscriptions: 100+</p> <p>(vi) Any other item: -</p> <p>(b) Department Library:</p> <p>(Furnish Programme-wise Details):</p>

(i) Number of Titles: 133

(ii) Total volumes of Books: 159

(c) Internet Connectivity: 1 Gb leased line from Pioneer-E Labs

Report on Placement, Internship and Training activities: Annexure - VIII ✓

(a) Placement Activities:

(i) Number of companies Visited: 57

(ii) Number of Students Placed: 71 (35+27+9)

(iii) Highest Salary offered: 19L Per Annum

(iv) Average salary offered: 6L Per Annum

(v) Median Salary offered: 5.5L Per Annum

(b) Internship Activities:

(i) Number of Organizations offered Internships : 68 ✓

(ii) Number of Students carried out Internships : 95 (Affidavit Submitted) + 75 (Permission from College)

(iii) Number of Internships carried out with stipend: 51

(iv) Total Number of Internships: 170

(v) Highest Stipend offered : Rs. 25,000 Per Month

(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre/your Department:

CAYmI (Annexure – IV)

(a) Report on overall Results (B.E/B.Tech) ✓

(i) Overall Pass Percentage: Mechanical: 97.62%, Production: 84.78%

(ii) Percentage of Distinctions: Mechanical: 69.84%, Production: 43.48%

(iii) Percentage of First Classes: Mechanical: 26.98%, Production: 39.13%

Note : Report on CO and PO attainments are to be evidenced

(b) Report on Semester wise results (B.E/B.Tech) ✓

Semester	Mechanical	Production
I Semester Pass %	54.70%	-
II Semester Pass %	-	-
III Semester Pass %	70.40%	-
IV Semester Pass %	-	-
V Semester Pass %	76.92%	68.97%
VI Semester Pass %	83.08%	75.86%
VII Semester Pass %	83.33%	69.57%
VIII Semester Pass %	100.00 %	91.30%

Number of Students discontinued from the program: 09

Mechanical Engineering

1601-21-736-009

1601-10-736-028

1601-17-736-093

1601-17-736-032

Production Engineering

1601-09-738-008

1601-13-738-029

1601-13-738-003

1601-17-738-022

1601-12-738-037

(c) Report on overall Results (PG Programs : M.E/M.Tech/MBA/MCA) ✓

AY: 2019-2020 to 2020-2021 (Batch: 2019)

(i) Overall Pass Percentage: ME (CAD/CAM): 81.82%, ME (TE): 100.00%

(ii) Percentage of Distinctions: ME (CAD/CAM): 54.55%, ME (TE): 88.89%

(iii) Percentage of First Classes: ME (CAD/CAM): 27.27%, ME (TE): 11.11%

Note : Report on CO and PO attainments are to be evidenced  
 (d) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)

~~Report~~ Partially Completed, as the IV - semester exam progress.

Semester	ME CAD/CAM	ME Thermal Engineering
I Semester Pass %	66.67%	85.71%
II Semester Pass %	-	-
III Semester Pass %	100.00%	100.00%
IV Semester Pass %	-	-

Number of Students discontinued the program: 2  
 160116765008  
 160119765011

(CAYm1)

Report on Co-Curricular and Extra-Curricular Activities (with evidences) : Annexure – VII ✓

**Student Achievements:**

- Total 42 Students of PRAHETI RACING, SAE Team, CBIT had participated in 2021 FORMULA GREEN CHALLENGE organised by ISNEE MOTORSPORTS PVT LTD from 23 OCT 2021 TO 31 OCT 2021.
- 27 students had carried out an e-technical orientation in Defence Metallurgical Research Laboratory during 22nd Sept to 12th October 2021.
- Karthik and Asgar of VI sem Mech-2 got 3rd All India Rank in NextGen Product Champion, NASSCOM Product Conclave held from 1st to 4th December'2021

**International Participants:**

Munek Battula – 1/4 Mechanical2 – Skeet Shooting – Participated in ISSF Junior World Cup – held in Suhl, Germany – 7th to 21st May 2022 – Ranked 44.

**University Representatives:**

B.Venkat Sai – 4/4 Mechanical2 – Weight Lifting – Participated – All India Inter University Tournament – held at Chandigarh University Mohali (Punjab) from 08-03-2022 to 12-03-2022.

15

S.No	Discipline	Place	Tournament / Venue	Players / Class
1.	Table tennis Men (Doubles)	Winner	MGIT,Gandipet	Y. Venkata Karthik Sai -3/4 Mechanical 2
2.	Table tennis Men (Doubles)	Winner	Anurag University,Ghatkesar 22 <sup>nd</sup> & 23 <sup>rd</sup> April 2022	Y. Venkata Karthik Sai -3/4 Mechanical 2
3.	Cricket Men	Winner	Anurag University,Ghatkesar 22 <sup>nd</sup> & 23 <sup>rd</sup> April 2022	Gaurang Rathi -4/4 Production C. Udaykiran Reddy-3/4 Mechanical
4.	Table tennis Men (Doubles)	Winner	Malla Reddy Institute of Engineering & Technology,Dhulapally 29 <sup>th</sup> & 30 <sup>th</sup> April 2022	Y. Venkata Karthik Sai -3/4 Mechanical 2
5.	Cricket Men	Winner	Vidya Jyothi Institute of Technology, Hyderabad, 12 <sup>th</sup> & 13 <sup>th</sup> May 2022	C.Udaykiran Reddy-3/4 Mechanical Rishikesh T-4/4 Production
6.	Cricket Men	Winner	Mahindra University, Hyderabad, 16 <sup>th</sup> & 21 <sup>st</sup> May 2022	C.Udaykiran Reddy-3/4 Mechanical Rishikesh T-4/4 Production Gaurang Rathi -4/4 Production

16

(a) Report on Stakeholder's feedback (Annexure – V)

Evidences of Feedback reports and action proposed /taken for

- Program exit survey: Yes ✓
- Course exit survey : Online ✓
- Alumni: Yes ✓
- Employers: Yes
- Parents: Yes

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :

Has informed that the action reports are available with IQAC.

17

Report on Minutes of meetings and also on action taken/initiated respectively

- Board of Studies : Annexure - II ✓
- Department Advisory Board ✓

Co-Committee constituted but meetings were not conducted.



- (c) Department Research Committee ✓
- (d) Programme Assessment and Quality Improvement Committee : ✓
- (e) Course Expert Group ✓
- (f) Common Course Committee ✓
- (g) Multiple Course Committee ✓
- (h) Any other Academic Committee

18

Report on Student mentoring and counseling process with evidences : Annexure – X ✓

The department has a well-established mentoring system to address all the students of every class in a group and individually as well. For every 20 students (or 1/3<sup>rd</sup> of the class, as the case may be) a mentor is allotted and an exclusive mentoring slot is allocated in class time table for each such group of every class in a week. Respective mentors of a class/section will be interacting with the students every week, recording their interactions with individual student in a book called "Mentoring Diary and Student's Progression Record".

Mentoring is intended to continuously monitor, counsel, guide and motivate each individual student in all academic and even personal matters. The respective mentors will be counseling such student(s) that they may feel weak in a particular aspect, to the extent possible. In case of any severe need the matter will be brought to the notice of the Director of student affairs and Progression (SA&P), through their respective heads. Director – SA&P will refer the case to a professional counselor, if needed, after referring it to 'Student Counselling Committee' operating at the institute level. An exclusive 'Student Counsellor' is also nominated in the institute to counsel the needy student(s), on a priority basis, individually.

The system thus developed has proved to be efficient in identifying and addressing the problems of individual students and is working out successfully in the institute. Students are able to express their views freely and faculty are able to go closer to the individual student and at time to even their parents. Whenever an issue raised by an individual is common to a larger group of the class, efforts will be made by the respective mentor(s) to arrange a special lecture.

19

Report on Infrastructural Details of the Department :

- (a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc ✓

S.No	Description (Class Rooms)	Hall/Room Numbers	Area (in Sqmts)
1.	BE Mechanical II Year F1 Section	E301	72 Sq. mts.
2.	BE Mechanical II Year F2 Section	E302	72 Sq. mts.
3.	BE Mechanical III Year F1 Section	E 303	72 Sq. mts.
4.	BE Mechanical III Year F2 Section	E 304	72 Sq. mts.
5.	BE Production III Year G Section	E 204	72 Sq. mts.
6.	BE Mechanical IV Year F1 Section	E 201	72 Sq. mts.
7.	BE Mechanical IV Year F2 Section	E 202	72 Sq. mts.
8.	BE Production IV Year G Section	E 203	72 Sq. mts.
9.	ME CAD/CAM I Year	PG Block 101	72 Sq. mts.
10.	ME Thermal Engineering I Year	PG Block 102	72 Sq. mts.
11.	ME CAD/CAM II Year	D 201	72 Sq. mts.
12.	ME Thermal Engineering II Year	D 102	72 Sq. mts.
13	First Year Class Rooms	M Block	

S.No	Details	Area (in Sq. mts.)
1.	Tutorial Rooms (2)	144 Sq. mts.
2.	Drawing Hall (1)	144 Sq. mts.
3.	All Labs (12 Labs)	1557.27 Sq. mts.
4.	Department Library	72 Sq. mts.
5.	HOD Room	87.5 Sq. mts.
6.	Seminar Halls (2)	216 Sq. mts.
7.	Waiting Halls	-

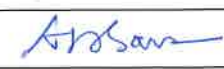

- (b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories  
Number of LCD: 13 ✓  
Digital Boards available in Class Room: 1 ✓
- (c) Information on any other Teaching Aids:  
Laptop: 1 ✓  
White Boards: 14 ✓  
Screens: 14 ✓

20


Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: ✓

21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same:	✓
22	Any other Relevant information : —	

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Dr. A. D. SARMA, professor, ECE Dept.*		17/08/2022
Dr. K. SAGAR, professor, CSE Dept		17/08/2022

\*The Staff are advised to concentrate more on evaluation parameters that matter in the NIRF Ranking of the institution. Dr Sarma

  
Signature of HoD



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

# 43

years

## Audit Report

Department : Mechanical Engineering  
 Auditor team : Prof. A.D. Sarma Director R&D  
 Date of Audit : Prof. K.Sagar, Professor, Dept. of CSE  
 17 August 2022

### i. Publications, Research projects and patents

S. No	Publications				Sanctioned Projects				Patents				Remarks
	Scopus	Web of Science	Sponsored Amount	Consultancy amount	Published	Granted	Published	Granted					
1	20	15	08	08	→	9.5 lacs	1.17	05	07	01	—	—	

### ii. The best 5 actions that are taken by the department based on the year 2020-21 feedback of Alumnae, Stakeholders and Students

S. No	Action	Remarks
1.		
2.	Copy enclosed	
3.		
4.		
5.		

### iii. Strength of the Department

S. No	Total Number of Faculty	Regular Faculty		Contract Faculty		No. of Faculty Pursuing Ph.D
		With Ph.D	Without Ph.D	With Ph.D	Without Ph.D	
1	48	25	14	01	08	19

Signature of HoD

**Chaitanya Bharathi Institute of Technology**  
**Department of Mechanical Engineering**

**Action initiation/ taken report on Stake holders feedback**

S.No	Concerns raised	Action/Remark
1	Internet and Wi-Fi facilities: coverage in the campus has to be improved. There are many places in the college where wifi is not accessible.	The same will be brought to the notice of higher authorities
2.	Accounts Section Services: there should be some body who can answer the student queries on phone.	The same was brought to the notice of higher authorities through the proper channel (IQAC)
3.	Library facilities: issue of the books may be done after the college hours also.	The same was communicated to librarian through director IQAC
4.	Hostel facilities(if applicable): Food and cleanliness may be improved.	The same was brought to the notice of higher authorities through proper channel (IQAC)
5.	Career Counselling & Guidance for higher studies provided:	short seminars may be conducted with different institutions providing different types of coaching. HoD will take the responsibility of the with permission of authorities
6.	Motivation towards Research & Development(R&D): Students should be involved in R&D from second year onwards and the R&D center and the labs should be open for longer hours.	The same will be brought to the notice of R&D cell.





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

## Academic and Administrative Audit Form (For the Departments)

Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)

### PART – I: PRELIMINARY INFORMATION

1. Name of the Department : Computer Science and Engineering
2. Date of Visit : 17-08-2022
3. Members of the Audit Committee :
  - i. Dr. U. K. Chowdary
  - ii. Dr.N.V.Srinivasulu

### PART –II: ACADEMIC INFORMATION

Sl. No	Particular	Remarks	
1	(a) Courses Offered		
	Name of the Program	Intake	
	Year of Commencement of the program		
	B.E. CSE	180	1985-86
	B.E CSE. (IOT, CS with BCT)	60	2020-21
	B.E. CSE (AI & ML)	60	2020-21
	B.E. AIML	60	2021-22
M.Tech- CSE	18/ 24*	2002-03/ 2021-22*	
2	(b) Availability of Time Tables :		
	(i) Consolidated Time Tables- <b>AVAILABLE</b>		
	(ii) Class Time Tables- <b>AVAILABLE</b>		
	(iii) Individual Faculty Time Tables - <b>AVAILABLE</b>		
	(iv) Laboratory wise Time Tables - <b>AVAILABLE</b>		
	(v) Individual Non-Teaching/Faculty Time tables- <b>AVAILABLE</b>		
	(vi) Calendar- <b>AVAILABLE</b>		
File is available			
2	Faculty Information:		
	Required	Available	
		Regular	Contract
	Professors	7	5
	Associate Professors	6	3
	Assistant Professor	39	28
	Total(1:15)	52	36
(a) Faculty members with			
i. Ph.D. qualification : 18			
ii. Post-Graduation Qualification: 35			
iii. Any Other (specify) : <u>NA</u>			
(b) FSR Ratio (UG) : 1:20 PG: 1:16			



**(c) Teaching Experience (within CBIT) of the Faculty in the Department**

Tenure	No. of Faculty
More than 15 Years	09
Between 8 to 15 Years	16
Between 1 to 8 Years	20
Below 1 Year	08

**(d) Consolidated Experience of the teaching faculty considering outside experience.**

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1.	Dr. Y. Ramadevi	Professor & HoD	Ph.D	27-09-1994	27 Yrs.	3 Yrs.	30
2.	Dr. M. Swamy Das	Professor & Joint Director - Academics	Ph.D	16-09-1997	25 Yrs.	4 Yrs.	29
3.	Dr. K. Sagar	Professor	Ph.D	16-10-2000	21 Yrs.	3 Yrs.	24
4.	Dr. S. China Ramu	Professor	Ph.D	01-06-1998	23 Yrs.	1 Yrs.	24
5.	Smt. N. Ramadevi	Professor	Ph.D	06-02-1992	29 Yrs.	2 Yrs.	31
6.	Dr. Bruhadeshwar Bezawada	Adjunct . Professor	Ph.D	02-12-2021	8 Months	21 Yrs	21 Yrs. 8 Months
7.	Dr. M Subramaniam	Professor(c)	Ph.D	01-06-2022	2 Months	24 Yrs	24 Yrs 2 Months
8.	**Dr. D. Raman	Professor (C)	Ph.D	09-07-2022	1 Month	20 Yrs. 2 Yrs. Industry	22 Yrs.
9.	Dr. T. Sridevi	Associate Professor	Ph.D	30-09-2002	19 Yrs.	4 Yrs.	23
10.	Dr. R. Ravinder Reddy	Associate Professor	Ph.D	13-09-2005	16 Yrs.	2 Yrs	18
11.	Dr. Sangeeta Gupta	Associate Professor	Ph.D	01-07-2019	3 Yrs	14 Yrs.	17
12.	Dr. Kolla Morarjee	Associate Professor(C)	Ph.D	04-02-2021	1 Yrs.	11 Yrs.	12
13.	Dr. Ravi Uyyala	Associate Professor(C)	Ph.D	06-04-2022	4 Months	8 Yrs.	8 Yrs 4 Months
14.	Dr. V. Padamavathi	Associate Professor(C)	Ph.D	30-06-2022	2 Months	18 Yrs	18 Yrs 2 Months
15.	Dr. E. Padmalatha	Assistant Professor	Ph.D	13-09-2005	16 Yrs.	3 Yrs.	19
16.	Smt I. Srujana	Assistant Professor	M.Tech (Ph.D)	12-09-2005	16 Yrs.	1 Yr	17
17.	Smt. A. Sangeetha	Assistant Professor	M.Tech (Ph.D)	03-08-2006	15 Yrs.	2 Yrs.	17
18.	Smt. Ch. Vijaya Lakshmi	Assistant Professor	M.Tech	08-08-2006	14 Yrs.	0 Yrs	14
19.	Sri B. Ramadasu	Assistant Professor	M.Tech	04-08-2006	15 Yrs.	10 Yrs	25
20.	Smt. K. Mary Sudha Rani	Assistant Professor	M.Tech (Ph.D)	26-04-2007	14 Yrs.	0 Yrs	14
21.	Dr. G. Vanitha	Assistant Professor	Ph.D	26-04-2007	14 Yrs.	0 Yrs	14
22.	Smt. E. Kalpana	Assistant Professor	M.Tech (Ph.D)	26-04-2007	14 Yrs.	2 Yrs.	16
23.	Sri B. Sateesh	Assistant Professor	M.Tech (Ph.D)	14-05-2009	12 Yrs.	3 Yrs	15
24.	Smt. T. Suvarna Kumari	Assistant Professor	M.Tech (Ph.D)	04-05-2009	12 Yrs.	1.4 Yrs	13.4
25.	Smt. P. V. Manohara Ruth	Assistant Professor	M.Tech (Ph.D)	09-02-2010	11 Yrs	1 Yrs	12
26.	Smt. G. Kavitha	Assistant Professor	M.Tech (Ph.D)	10-06-2010	12 Yrs.	3 Yrs	15
27.	Smt K. Spandana	Assistant Professor	M.Tech (Ph.D)	08-11-2012	9 Yrs.	5 Yrs.	14
28.	Smt. Ch. Madhavi Sudha	Assistant Professor	M.Tech (Ph.D)	10-07-2008	13 Yrs.	3 Yrs.	16
29.	Smt. Kavita Agarwal	Assistant Professor	M.Tech (Ph.D)	27-12-2011	12 Yrs.	2.6 Yrs.	13.6
30.	Sri A. Mohan	Assistant Professor	M.Tech (Ph.D)	09-10-2012	9 Yrs.	2 Yrs.	11
31.	Sri B. Ramana Reddy	Assistant Professor	M.Tech (Ph.D)	25-06-2013	9 Yrs.	6 Yrs.	15
32.	Smt. G. Mamatha	Assistant Professor	M.Tech (Ph.D)	23-09-2013	9 Yrs.	6 Yrs.	15



33.	Smt. D.Naga Jyothi	Assistant Professor	M.Tech (Ph.D)	30-07-2014	7 Yrs.	5 Yrs	12
34.	Sri K.Kiran Prakash	Assistant Professor	M.Tech	19-10-2016	5 Yrs.	4 Yrs.	9
35.	Smt.S.Durga Devi	Assistant Professor	M.Tech (Ph.D)	02-11-2016	5 Yrs	9 Yrs.	14
36.	Smt.E.Swathi	Assistant Professor	M.Tech (Ph.D)	15-07-2015	7 Yrs.	1.3 Yrs	8.3
37.	Sri R.Srikanth	Assistant Professor	M.Tech (Ph.D)	06-02-2017	4 Yrs.	5.5Yrs.	9.5
38.	Smt.Isha Padhy	Assistant Professor	M.Tech (Ph.D)	08-03-2016	5 Yrs	6Yrs.	11
39.	Smt. G. Shanmukhi Rama	Assistant Professor	M.Tech (Ph.D)	23-07-2018	3 Yrs	5Yrs.	8
40.	Sri. M. Venkata Krishna Reddy	Assistant Professor	M.Tech (Ph.D)	08-07-2019	3 Yrs	12Yrs.	15
41.	Smt.B.Poong uzharselvi	Assistant Professor	M.E	06-02-2017	4 Yrs	3.11 Yrs	7.11
42.	Dr. G Kiran Kumar	Assistant professor	Ph.D	08-11-2021	9 months	20 yrs	20yrs-9 months
43.	Sri J.Shiva Sai	Assistant Professor(C)	M.Tech	06-02-2017	5 Yrs	-	5 yrs
44.	Smt. B. Deepthi	Assistant Professor(C)	M.Tech (Ph.D)	05-03-2021	1 Yr.	10 Yrs	11
45.	Smt. Tumma Susmitha	Assistant Professor(C)	M.Tech	22-03-2021	1 Yr	1.3Yrs.	2.3
46.	Smt. Talla Prashanthi	Assistant Professor(C)	M.Tech	22-03-2021	1 Yr	2Yrs.	3
47.	Smt. Swathi Kadari	Assistant Professor(C)	M.Tech((Ph.D)	23-03-2021	1 Yr	7Yrs.	8
48.	Dr.B..Bhargavi	Assistant Professor(C)	Ph.D	25-03-2021	1 Yr	2.6Yrs.	3.6
49.	Sri.K.Karthik	Assistant Professor(C)	M.Tech (Ph.D)	25-03-2021	1 Yr	9Yrs.	10
50.	Dr. Rupesh Mishra	Assistant Professor(C)	Ph.D	31-003-2021	1 Yr	13.9Yrs.	14.9
51.	Ms.T.Ramya	Assistant professor(c)	M.Tech	01-04-2021	1 Yr	9Yrs.	10
52.	Smt.A.Anila	Assistant professor(c)	M.Tech (Ph.D)	11-05-2022	3 Months	12 Yrs	12 Yrs. 3 Months
53.	Sri P Narasimhulu	Assistant professor(c)	M.Tech	19-05-2022	3 Months	18 Yrs.	18 Yrs. 3 Months

3

## Details of Supporting Staff

- (a) Lab Assistants - NA ✓  
(b) System Engineer- 01 ✓  
(c) Programmers : 04 ✓  
(d) Assistant Programmers : 01 ✓  
(e) Computer Operators : 08 ✓  
(f) Skilled Assistants ✓  
(g) Attenders : 03 ✓

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1.	E.Sanjeeva Reddy	System Engineer	MCM, MCA	16.08.1996	26 Years	4 Years	30 Years
2.	M Naga Jyothi	Programmer	M.Tech, Qualified in UGC-NET and APSET	08.11.2000	21.7 Years	5 Years	24.7 Years
3.	M.Surya Prakash	Programmer	M. Tech	24.12.1997	25 Years	2 Years	27 Years
4.	B.Sangeev Kumar	Programmer	B.Tech	04.12.2006	15.7 Years	2.6 Years	18 Years
5.	P. Ramesh Babu	Programmer	M. Tech	21.03.2007	15.3 Years	4 Years	19 Years



6.	R. Anand Raj	Assistant Programmer	D.CM.E, PDCA	17.10.2007	15 Years	3 Years	18 Years
7.	G Koti Babu	Computer Operator	B.Sc (Computer s)	07.01.2008	14 Years	8 Years	22 Years
8.	Srilatha Kollu	Computer Operator	B.Tech	26.12.2013	8.7 Years	2 Years	10.7 Years
9.	R Navanadh	Computer Operator	B.Tech	01.03.2016	6.7 Years	3 Years	9.7 Years
10.	P.B.Vinay Kumar	Computer Operator	B.Tech	01:09.2017	5 Years	4.6 Years	9.6 Years
11.	S. Rajesh	Computer Operator	MCA	12.03.2020	2.3 Years	5.8 Years	8.1 Years
12.	J. Rajesh	Computer Operator	MSc, B.Ed., MCSE	17.11.21	10 months	25 Years	25 Years
13.	Thukaram Goud	Computer Operator	M.Tech	02.03.2022	5 months	8 Years	8 Years 5 months
14.	Syed Altaf	Computer Operator	M.Tech	18-04-2022	3 months	6 Years	6.3 Years
15.	Syed Moulali	Attender	7 <sup>th</sup> Class	01.10.2005	17 Years	17 Years	37 Years
16.	Andalu	Attender	5 <sup>th</sup> Class	01.01.2005	17 Years	15 Years	32 years
17	Lakshman	Attender	9 <sup>th</sup> Class	13.02.2004	18 Years	10 Years	28 years

4 (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus - link enclosed  
<https://docs.google.com/document/d/1EEEnqdOO6PkZ2QOnT7Yo4vDKH6LIDT3/edit?usp=sharing&ouid=115010328556577949788&rtfpof=true&sd=true>  
 Evidences of syllabus for UG and PG Programs UG and PG Syllabus - CBIT ✓

5 (a) Report on three level Internal Audit Committee Findings and Action taken :

Description	Availability of Internal Audit Findings Report	Availability of Action taken Report
Audit I	available	yes
Audit II	available	yes
Audit III	available	yes

(a) Report (with evidences) on supplementary Teaching Tools / ICT YES - LMS

- <https://learning.cbit.org.in/course/view.php?id=2183>
- Material Upload
- Slip Tests Conducted
- Assignments Conducted
- Practical Exams Conducted
- Lab Sessions taken
- Virtual Labs Platform
- Digital Repository is available

(b) Any Other relevant information-NIL

6 (a) Report on Laboratory-wise Facilities with the following data:



(i) Equipment /Software Details : YES  
 a. System Software : 08  
 b. Application Software : 10  
 c. No of PCs : 683

(ii) Procurement of additional equipment / Software (in the current academic year if any).

(b) Report on Consolidated Computing facilities in the Department  
 (i) Number of PCs : 683  
 (ii) List of the Software/ Software packages/Simulation Tools : 18  
 (iii) No of Printers available: 15

(c) Availability of updated Stock Registers: YES : Physically Maintained, Available in each Lab

(d) Adoption of safety measures in the Department : YES

7 Report on Faculty Improvement/Enrichment Programmes :  
 (a) FDP /STTP/Workshops/Seminars organized by the Department : 05  
 (b) Conferences organized by the Department: NIL  
 (c) FDP /STTP/Workshops/Seminars attended by the faculty: 41  
 (d) Conferences attended by the Faculty: 28

Any Other relevant information- NA

8 (a) Report on Research Publications:  
 (i) No. of publications in Journals  
 National : 0  
 International : 58  
 (ii) No. of publications in Conferences  
 National : 0  
 International: 28  
 (b) Report on Patents/ copyrights/Industrial Designs :  
 (i) Published: 2 and 1 filed  
 (ii) Granted: 0

9 (a) Report on Ongoing Research/Sponsored Research Project Details:

Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status
Development of a Wireless Peer-to-Peer Network base for managing Internet of Things(IoT) Edge Devices off Gateway Range.	Dr. Y. Rama Devi Dr. T. Sridevi	AICTE-RPS	4,39,561/-	Ongoing
PRERANA	Dr. R. Ravinder Reddy	AICTE	5,87,000/-	Under Progress
SPDP-Skill and Personality Development Program Centre for SC/ST Students	Dr. M. Swamy Das	AICTE	12,44,000/-	Under Progress
Translating the NPTEL content to regional Language (Consultancy)	Dr. R. Ravinder Reddy	MHRD	1,00,000/-	Under Progress
Detecting Anomaly Pattern Sequences in Real Time Network	Dr. R. Ravinder Reddy	UGC-Minor Project	1,65,000/-	Under Progress

Any Other relevant information: NA

a) Report on Consultancy Details: NIL

Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)



	-	-	-	-
	Any Other relevant information: <u>NIL</u>			
10	<p>Report on Student Projects and their outcomes in terms of publications/ IPR (CAYm1) (2021-22)</p> <p>(a) UG : 06 (Publications) + 04 (Patent) ✓</p> <p>(b) PG : 13(Publications) + 01 (C) ✓</p> <p>(c) (* Proofs available)</p>			
11	<p>Report on MoUs and Ongoing /Completed Activities - yes ,available with file</p> <p>2021 – 02 Total count= 10</p>			
12	<p>Report on Library, Internet &amp; other facilities:</p> <p>(a) Library and Information Center (Furnish Programme-wise Details): ✓</p> <p>(i) Number of Titles: 2592</p> <p>(ii) Total volumes of Books: 12407</p> <p>(iii)Number of Journals: 14</p> <p>(iv)Online Journals Subscriptions: 200</p> <p>(v) Online e-books Subscriptions: 100</p> <p>(vi)Any other item: NA</p> <p>(b) Department Library: (Furnish Programme-wise Details):</p> <p>(i) Number of Titles: 120</p> <p>(ii) Total volumes of Books: 170</p> <p>(iii)(iii)Internet Connectivity: Dedicated 1:1 Full Duplex, 1 Gbps Internet Leased Line, 48 IPs – One Year Subscription</p>			
13	<p>Report on Placement, Internship and Training activities:</p> <p>(a) Placement Activities:</p> <p>(i) Number of companies Visited: 64 ✓</p> <p>(ii) Number of Students Placed: 156 ✓</p> <p>(iii)Highest Salary offered : <u>\$45000 per Annum</u> (virtusa) ✓</p> <p>(iv)Average salary offered: 7.29 Lakhs per Annum ✓</p> <p>(v) Median Salary offered : 6.88 Lakhs per Annum</p> <p>(b) Internship Activities:</p> <p>(i) Number of Organizations offered Internships : 28</p> <p>(ii) Number of Students carried out Internships : 109</p> <p>(iii)Number of Internships carried out with stipend: 15</p> <p>(iv)Total Number of Internships: 109</p> <p>(v) Highest Stipend offered : Rs 50,000 /- <i>pm</i></p> <p>(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Center /your Department: yes ,proof enclosed</p>			



14	<p>CAYm1 (2021-22)</p> <p>(a) Report on overall Results (B.E/B.Tech)</p> <ul style="list-style-type: none"> <li>(i) Overall Pass Percentage : 98.56%</li> <li>(ii) Percentage of Distinctions 91.83%</li> <li>(iii) Percentage of First Classes 5.77%</li> </ul> <p>Note : Report on CO and PO attainments are to be evidenced- yes available</p> <p>(b) Report on Semester wise results (B.E/B.Tech)</p> <ul style="list-style-type: none"> <li>I Semester Pass % : 96.43</li> <li>II Semester Pass % : Result Not Declared</li> <li>III Semester Pass % : 95.48</li> <li>IV Semester Pass % : Result Not Declared</li> <li>V Semester Pass % : 94.61</li> <li>VI Semester Pass % : 94.61</li> <li>VII Semester Pass % : 95.24</li> <li>VIII Semester Pass % : 100</li> </ul> <p>Number of Students discontinued from the program:6</p> <p>(c) Report on overall Results (PG Programs: M.E/M.Tech/MBA/MCA)</p> <ul style="list-style-type: none"> <li>(i) Overall Pass Percentage Result Not Declared</li> <li>(ii) Percentage of Distinctions Result Not Declared</li> <li>(iii) Percentage of First Classes_ Result Not Declared</li> <li>(iv) Note : Report on CO and PO attainments are to be evidenced –yes available</li> <li>(v) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)</li> </ul> <ul style="list-style-type: none"> <li>I Semester Pass % : 90.91</li> <li>II Semester Pass % : Result Not Declared</li> <li>III Semester Pass % : 94.44</li> <li>IV Semester Pass % : Result Not Declared</li> </ul> <p>Number of Students discontinued the program:5</p>	
15	<p>(CAYm1)</p> <p>Report on Co-Curricular and Extra-Curricular Activities (with evidences) - yes enclosed</p> <p><a href="https://drive.google.com/file/d/1rjrHra2kpq9h1iargZeN2cPbDxC19-Hn/view?usp=sharing">https://drive.google.com/file/d/1rjrHra2kpq9h1iargZeN2cPbDxC19-Hn/view?usp=sharing</a></p>	
16	<p>(a) Report on Stakeholder's feedback</p> <p>Evidences of Feedback reports and action proposed /taken for</p> <ul style="list-style-type: none"> <li>(i) Program exit survey - Available</li> <li>(ii) Course exit survey - Available</li> <li>(iii) Alumni - Available</li> <li>(iv) Employers - Available</li> <li>(v) Parents - Available</li> </ul> <p>(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :-</p> <p>Available</p>	
17	<p>Report on Minutes of meetings and also on action taken/initiated respectively</p> <ul style="list-style-type: none"> <li>(a) Board of Studies – Available</li> <li>(b) Department Advisory Board -Available</li> <li>(c) Department Research Committee- Available</li> <li>(d) Programme Assessment and Quality Improvement Committee - Available</li> <li>(e) Course Expert Group- Available</li> <li>(f) Common Course Committee- Available</li> <li>(g) Multiple Course Committee- Available</li> <li>(h) Any other Academic Committee- Available</li> </ul>	
18	<p>Report on Student mentoring and counseling process with evidences : Available</p>	



19 Report on Infrastructural Details of the Department :

(a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc

S.No	Description	Hall/Room Numbers	Area (inSq mts)
1.	Class Room	C-201	72.45 sq. mts
2.	Class Room	C-202	71.30 sq. mts
3.	Seminar Hall	C-203	172.80 sq. mts
4.	Class Room	C-204	68.25 sq. mts
5.	Class Room	C-205	68.25 sq. mts
6.	Class Room	C-206	66.30 sq. mts
7.	Class Room	C-208	66.56 sq. mts
8.	Class Room	C-209	69.20 sq. mt
9.	Class Room	C-210	68.25 sq. mts
10.	Class Room	C-213	71.30 sq. mts
11.	Class Room	C-212	71.30 sq. mts
12.	LAB	I	73.47 sq. mts
13.	LAB	II	68.00 sq. mts
14.	LAB	III	68.00sq. mts
15.	SERVER ROOM	SERVER ROOM	69.70 sq. mts
16.	M.TECH LAB	IV	87.62 sqmts
17.	LAB	V	77.92sqmts
18.	LAB	VI	69.70 sqmts
19.	LAB	VII	68.25 sqmts
20.	LAB	VIII	103 sqmts
21.	LAB	IX	73.42 sqmts
	LAB	X	73.42 sqmts
22.	Staff Room	CSF 101	72.45 sqmts
23.	Staff Room	CSF 102	
24.	Staff Room	CSF 103	
25.	Staff Room	CSF 104	
26.	Staff Room	CSF 105	
27.	Staff Room	CSF 106	
28.	Staff Room	CSF 107	
29.	Staff Room	CSF 108	
30.	Staff Room	CSF 109	
31.	Staff Room	CSF 110	
32.	Staff Room	CSF 111	71.30 Sqmts
33.	Staff Room	CSF 112	
34.	Staff Room	CSF 113	
35.	Staff Room	CSF 114	
36.	Staff Room	CSF 115	
37.	Staff Room	CSF 201	73.47 Sqmts
38.	Staff Room	CSF 202	
39.	Staff Room	CSF 203	
40.	Staff Room	CSF 204	
41.	Staff Room	CSF 205	
42.	Staff Room	CSF 206	
43.	Staff Room	CSF 301	
44.	Staff Room	CSF 302	27.8 Sqmts

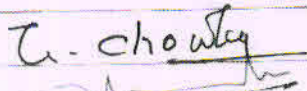

(a) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/


Laboratories : LCDs : 22

Digital Board : 01

	Information on any other Teaching Aids: NIL.	
20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: Available	
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same: A separate sheet is enclosed for Program Exit Survey Feedback findings and based on that latest technologies and subjects included in R20 syllabus .	
22	Any other Relevant information :  <ul style="list-style-type: none"> <li>• Shortage of Laboratories(Proposed in the canteen Block)</li> <li>• Systems/Laptops to be provided to staff</li> </ul>	

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Prof.U.K.Chowdary ,Director I&I		17/8/22
Prof.N.V.Srinivasulu, Dept of Mechanical		17/8/22

  
Signature of HoD 17/8

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : Electronics and Communication Engineering
2. Date of Visit : 13-08-2022
3. Members of the Audit Committee :

- (i) Dr.U.K.Choudhury, Director(I&I)
- (ii) Dr.N.V.Srinivasulu, Professor, Mechanical Dept.

**PART –II: ACADEMIC INFORMATION**

S. no	Particular	Remarks			
1	(a) Courses Offered				
	Name of the Program		Intake	Year of Commencement of the program	
	BE(ECE)		180	1979	
	ME(CE)		18	2002	
	ME(ES & VLSID)		18	2012	
	(b) Availability of Time Tables: <b>Yes</b> (i) Consolidated Time Tables (ii) Class Time Tables (iii) Individual Faculty Time Tables (iv) Laboratory wise Time Tables (v) Individual Non-Teaching/Faculty Time tables (vi) Calender	Files are evidenced			
2	Faculty Information:				
			Required	Available	
				Regular	Contract
	Professors		5	3	1
	Associate Professors		10	2	2
	Assistant Professor		34	26	8
	Total(1:15)		49	31	13
	(a) Faculty members with				
	(i) Ph.D qualification : <b>19</b>				
	(ii) Post Graduation Qualification: <b>25</b>				
(iii) Any Other (specify) : --					
(b) FSR Ratio (UG) : <b>1:18</b> PG: <b>1:12</b>					
(c) Teaching Experience (within CBIT) of the Faculty in the Department:					
	Tenure	No. of Faculty			

More than 15 Years	<b>11</b>
Between 8 to 15 Years	<b>14</b>
Between 1 to 8 Years	<b>17</b>
Below 1 Year	<b>2</b>

(d) Consolidated Experience of the teaching faculty considering outside experience.

S. no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/ Industry)	Total Experience
	Dr.N.V.Koteswara Rao	Prof	Ph.D	24-12-1992	30	2	32
	Dr.D.Krishna Reddy	Professor &Head	Ph.D	07-05-2001	21	9	30
	Dr.P.NarahariSastry	Professor	Ph.D	20-06-2003	19	3	22
	Dr. A.D. Sarma	Professor	Ph.D	20-11-2013	9	37	46
	Dr.N.AliveLu manga	Assoc. Prof	Ph.D	28-05-2009	13	7	20
	Dr.A.Supraja Reddy	Assoc. Prof	Ph.D	27-02-2015	7	11	18
	Dr.A.Vani	Assoc. Prof	Ph.D	11-05-2007	15	6	21
	Dr.Vinodh Kumar Minchula	Assoc. Prof	Ph.D	16-02-2021	1	11.5	12.5
	Dr.M.L.N.Charyulu	Assoc. Prof	Ph.D	30-01-2021	1	23	24
	Dr.K.Sudershan Reddy	Asst. Prof	Ph.D	25-07-1996	26	6	32
	Sri.M.V.Nagabhushan am	Asst. Prof	M.Tech	16-10-2000	22	1	23
	Dr .M.Ramana Reddy	Asst. Prof	Ph.D	07-12-2004	18	5	23
	Smt.K.S.R.S. Jyothsna	Asst. Prof	M.E	07-11-2005	17	1	18
	Smt.A.Satyavati	Asst. Prof	M.Tech	14-12-2005	17	4	21
	Sri.A.Krishna Kumar	Asst. Prof	M.Tech	26-12-2005	17	2	19
	Sri.N.Jagan Mohan Reddy	Asst. Prof	M.E	08-09-2005	17	0	17
	Sri.T.Aravinda Babu	Asst. Prof	M.Tech	07-12-2008	14	3	17
	Smt. N.Dhana Lakshmi.	Asst. Prof	M.Tech	24-11-2008	14	0	14
	Dr.P.Sathish	Asst. Prof	Ph.D	06-05-2009	13	2	15
	Sri.G.Mallikarjuna Rao	Asst. Prof	M.Tech	29-06-2005	17	0	17
	Dr.K.Suman	Asst. Prof	Ph.D	20-09-2010	12	6	18
	Smt.B.Neeraja	Asst. Prof	M.E	28-01-2011	11	0	11
	Sri.T.Sridhar	Asst. Prof	M.E	14-02-2011	11	2	13
	Sri.G.V.Pradeep Kumar	Asst. Prof	M.E	03-12-2007	15	0	15
	Sri. P. Chandra Sekhar	Asst. Prof	M.Tech	19-07-2012	10	7	17
	Sri.E.Chandrashekar	Asst. Prof	M.E	18-07-2012	10	0	10
	Sri. MohdZiauddin Jahangir	Asst. Prof	M.E	22-09-2014	8	1	9
	Smt.D.Nagadevi	Asst. Prof	M.Tech	26-09-2016	6	5	11
	Smt.J.Mounika	Asst. Prof	M.E	07-03-2013	9	0	9
	Dr.K.Sai Krishna	Asst Prof	Ph.D	24-06-2019	3	1	4
	Dr. Ch.Navitha	Asst Prof	Ph.D	14-10-2019	3	13	16
	Dr. Jeet Ghosh	Asst Prof	Ph.D.	08-11-2021	1	2	3
	Dr.M Bhanuchandra	Asst Prof	Ph.D.	01-12-2021	1	7 ½	8 ½
	Sri. P Ranjith	Asst. Prof	M.Tech	16-06-2018	4	5	9
	Smt. M Venkata Sireesha	Asst. Prof	M.Tech	18-06-2018	4	6	10
	Sri. J.Bala Krishna	Asst. Prof	M.Tech	07-11-2015	7	5	12
	Md.Sikander	Asst Prof	M.Tech	07-05-2019	3	7	10
	Smt.D.Sony	Asst Prof	M.Tech	07-03-2019	3	8	11
	Smt.GhataChauhan	Asst Prof	M.Tech	24-06-2019	3	1	4
	Dr. M Raj Kumar Naik	Asst Prof	Ph.D	28-01-2021	1	0	1
	Dr. Suraj Prakash Sahoo	Asst Prof	Ph.D	27-01-2021	1	0	1
	Sri. Abdul Mubeen	Asst Prof	M.Tech	02-01-2021	1	0	1
	Ms. B. Divya	Asst Prof	M.E	04-01-2021	1	0	1
	Ms. K. Nikhila	Asst Prof	M.E	04-01-2021	1	0	1



3

## Details of Supporting Staff

- (a) Lab Assistants  
 (b) Technicians  
 (c) Programmers  
 (d) Assistant Programmers  
 (e) Computer Operators  
 (f) Skilled Assistants  
 (g) Attenders

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1.	Sri.K.Vijaya Bhaskar Reddy	Lab Asst.	DECE	13-09-1990	32	02	34
2.	Sri.V.Siva Ramaiah	Lab Asst.	B.Tech	15-12-1992	30	02	32
3.	Sri.S.Chandra Reddy	Tech. Gr-I	DECE	10-10-1993	29	04	33
4.	Sri.V.Rajender Reddy	Tech. Gr-I	B.Tech	12-09-1990	31	-	31
5.	Sri.N.Seshagiri Rao	Tech. Gr-I	BA, ITI	01-11-1996	26	06	32
6.	Sri.E.Yadagiri	Tech. Gr-I	ITI	01-04-1998	24	06	30
7.	Sri.M.Krishna	Tech. Gr-II	DECE	06-08-2001	21 ½	05	26 ½
8.	Sri.V.Yadhagiri	Programmer	M.Tech	24-08-2009	13	03	16
9.	Sri.G.Sanjeeva	Assist. .Progr	DMCE	18-09-2007	15	3	18
10.	Sri.N.Krishnaiah	Skilled Assistant	ITI	13-09-1998	24	-	24
11.	Sri.V.Shiva Kumar	Skilled Assistant	B.Com/ITI	11-05-2002	18	--	18
12.	Smt.M.P.Radha	Tech. Gr-III	B.Tech	04-10-2017	05	18 ½	23 ½
13.	Sri.V.Chandra Shekar Yadav	Tech. Gr-III	DAEI	02-07-2018	04	05	09
14.	Sri.K.Srikanth Reddy	Tech. Gr-III	B.Tech	21-11-2021	8m	2 years in CBIT 20 Years out side	22 years 8 months
15.	Sri.G.Surender	Tech. Gr-III	DECE	06-12-2021	8m	20	20 years 8months
16.	Sri.K.Sridhar Babu	Tech. Gr-III	B.Tech	13-12-2021	8m	18	18 years 8m

17.	Smt.T.Rajni	Spl.Grade-Attender	SSC	01-03-2001	21	--	21																				
4	<p>(a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus</p> <p>The curriculum of R20 Regulation for V &amp; VI semesters is developed with inclusion of following courses along with minor modifications in existing course.</p> <table border="1"> <thead> <tr> <th>Semester</th> <th>Course Category</th> <th>Course Name</th> </tr> </thead> <tbody> <tr> <td rowspan="3">V</td> <td>Core</td> <td>1. Industrial / Rural Internship</td> </tr> <tr> <td>Professional Elective –I</td> <td>1. CAD for VLSI Verification 2. Signal Detection Techniques 3. Embedded C Programming</td> </tr> <tr> <td>Professional Elective –II</td> <td>1. Bio Medical Signal Processing 2. Sensors and Actuators 3. Drones and Applications 4. Fundamentals of Cloud Computing</td> </tr> <tr> <td rowspan="4">VI</td> <td>Core</td> <td>1. Mini Project</td> </tr> <tr> <td>Professional Elective –III</td> <td>1. Multirate and Wavelet Signal Processing 2. Green Communication</td> </tr> <tr> <td>Professional Elective –IV</td> <td>1. Design for Testability 2. Image and Video Processing 3. Smart Antennas</td> </tr> <tr> <td>Professional Elective –V</td> <td>1. CMOS Data Converters 2. Advanced Microprocessors and Applications 3. Pattern Recognition using Machine Learning</td> </tr> </tbody> </table> <p>(b) Evidences of syllabus for UG and PG Programs <b>Soft copy available</b></p>							Semester	Course Category	Course Name	V	Core	1. Industrial / Rural Internship	Professional Elective –I	1. CAD for VLSI Verification 2. Signal Detection Techniques 3. Embedded C Programming	Professional Elective –II	1. Bio Medical Signal Processing 2. Sensors and Actuators 3. Drones and Applications 4. Fundamentals of Cloud Computing	VI	Core	1. Mini Project	Professional Elective –III	1. Multirate and Wavelet Signal Processing 2. Green Communication	Professional Elective –IV	1. Design for Testability 2. Image and Video Processing 3. Smart Antennas	Professional Elective –V	1. CMOS Data Converters 2. Advanced Microprocessors and Applications 3. Pattern Recognition using Machine Learning	Files are evidenced
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	Professional Elective –V	1. CMOS Data Converters 2. Advanced Microprocessors and Applications 3. Pattern Recognition using Machine Learning																									
5	<p>(a) Report on three level Internal Audit Committee Findings and Action taken :</p> <table border="1"> <thead> <tr> <th>Description</th> <th>Availability of Internal Audit Findings Report</th> <th>Availability of Action taken Report</th> </tr> </thead> <tbody> <tr> <td>Audit I</td> <td colspan="2" rowspan="3">The course audits for AY 2021-22 is completed as per schedule. No gaps are found and the report on the same is sent to IQAC.</td> </tr> <tr> <td>Audit II</td> </tr> <tr> <td>Audit III</td> </tr> </tbody> </table> <p>(b) Report (with evidences) on supplementary Teaching Tools / ICT: <b>Class rooms are equipped with LCDs.</b></p> <p>(c) Any Other relevant information:</p>							Description	Availability of Internal Audit Findings Report	Availability of Action taken Report	Audit I	The course audits for AY 2021-22 is completed as per schedule. No gaps are found and the report on the same is sent to IQAC.		Audit II	Audit III	Files are evidenced											
Description	Availability of Internal Audit Findings Report	Availability of Action taken Report																									
Audit I	The course audits for AY 2021-22 is completed as per schedule. No gaps are found and the report on the same is sent to IQAC.																										
Audit II																											
Audit III																											
6	<p>(a) Report on Laboratory-wise Facilities with the following data:</p> <p>(i) Equipment /Software Details: <b>Details are available in stock registers</b></p> <p>(ii) Procurement of additional equipment / Software (in the current academic year if any). <b>Details are available in stock registers and filled separately</b></p> <p>(b) Report on Consolidated Computing facilities in the Department</p> <p><b>Details are available in the file</b></p> <p>(i) Number of PCs : <b>277(Desktops) + 5 Laptops</b></p> <p>(ii) List of the Software/ Software packages/Simulation Tools: Available in separate file</p> <p>(iii) No of Printers available: <b>12</b></p> <p>(c) Availability of updated Stock Registers: <b>available (15 registers) and other files also there</b></p>							Files are evidenced																			

	(d) Adoption of safety measures in the Department: <b>Fire fitting equipment available in corridors</b>					
7	Report on Faculty Improvement/Enrichment Programmes : (a) FDP /STTP/Workshops/Seminars organized by the Department : <b>25</b> (b) Conferences organized by the Department: -- (c) FDP /STTP/Workshops/Seminars attended by the faculty: <b>37</b> (d) Conferences attended by the Faculty: <b>36</b> (e) Any Other relevant information: --				Files are evidenced	
8	(a) Report on Research Publications: (i) No. of publications in Journals <ul style="list-style-type: none"> <li>• National : --</li> <li>• International: <b>21 and 3 Book chapters</b></li> </ul> (ii) No. of publications in Conferences <ul style="list-style-type: none"> <li>• National : <b>31</b></li> <li>• International: <b>5</b></li> </ul> (b) Report on Patents/ copyrights/Industrial Designs : (i) Published: <b>01</b> (ii) Granted: <b>01</b>				Files are evidenced	
9	(a) Report on Ongoing Research/Sponsored Research Project Details:				Files are evidenced	
	Title	Name of PI and Co-PI	Funding Agency	Amount in Rs		Status
	Development of Nanofoam based Plasmonic structures towards Photo-Electro-Chemical Water-Splitting and CO2 Reduction	Dr. M. Bhanu Chandra Dr. Abhishek Kumar Shrivastava	Core Research Grant SERB, DST New Delhi	56.22 Lakhs (10.39562 L – date 08.02.2022)		Ongoing
	A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps	Dr.A.D.Sarma Dr. D. L. S. Redd Dr. D. Krishna Reddy	Core Research Grant SERB, DST New Delhi	37, 04, 360 date 11.02.2022		Ongoing
	Analysis and Mitigation of Doppler Collision events using ML algorithms for NavIC System	Dr. D. Krishna Reddy Dr.A.D.Sarma Dr. P. Sathish	RPS AICTE, New Delhi	19, 61, 333 date 18.02.2022		Ongoing (Grant yet to be received)
	Any Other relevant information: --					
	(b) Report on Consultancy Details: --					
	Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)		

	Any Other relevant information: --	
10	<p>Report on Student Projects and their outcomes in terms of publications/ IPR (CAYm1)</p> <p>(a) UG: <b>22 publications</b></p> <p>(b) PG : <b>10 publications</b></p> <p>(c) One patent granted and one patent published</p>	Files are evidenced
11	Report on MoUs and Ongoing /Completed Activities: Available 08 MoUs are filed well	Files are evidenced
12	<p>Report on Library, Internet &amp; other facilities: <b>Data pertaining to main library.</b></p> <p>(a) Library and Information Centre</p> <p>(Furnish Programme-wise Details):</p> <p>(i) Number of Titles: <b>NA</b></p> <p>(ii) Total volumes of Books: <b>NA</b></p> <p>(iii) Number of Journals: <b>NA</b></p> <p>(iv) Online Journals Subscriptions: <b>NA</b></p> <p>(v) Online e-books Subscriptions: <b>NA</b></p> <p>(vi) Any other item: _____</p> <p>(b) Department Library:</p> <p>(Furnish Programme-wise Details):</p> <p>(i) Number of Titles: <b>281</b></p> <p>(ii) Total volumes of Books: <b>281</b></p> <p>(c) Internet Connectivity: <b>Available but not there in class rooms</b></p>	Files are evidenced
13	<p>Report on Placement, Internship and Training activities:</p> <p>(a) Placement Activities:</p> <p>(i) Number of companies Visited: <b>40</b></p> <p>(ii) Number of Students Placed: <b>141</b></p> <p>(iii) Highest Salary offered: <b>33.6 Lakhs</b></p> <p>(iv) Average salary offered: <b>6.7 Lakhs</b></p> <p>(v) Median Salary offered: <b>6 Lakhs</b></p> <p>(b) Internship Activities:</p> <p>(i) Number of Organizations offered Internships : <b>54</b></p> <p>(ii) Number of Students carried out Internships : <b>157</b></p> <p>(iii) Number of Internships carried out with stipend: <b>94</b></p> <p>(iv) Total Number of Internships: <b>251</b></p> <p>(v) Highest Stipend offered : <b>Amazon- Rs 50,000/PM</b></p> <p>(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre/your Department: <b>02</b></p>	Files are evidenced

(a) Report on overall Results (B.E/B.Tech)

- (i) Overall Pass Percentage: **99.52**
- (ii) Percentage of Distinctions: **82.13**
- (iii) Percentage of First Classes: **17.39**

Note: Report on CO and PO attainments **are evidenced through developed website.**

(b) Report on Semester wise results (B.E/B.Tech)

- I Semester Pass % : **93.26**
- II Semester Pass % : **98.88**
- III Semester Pass % : **99**
- IV Semester Pass % : **100**
- V Semester Pass % : **99.51**
- VI Semester Pass % : **98.54**
- VII Semester Pass % : **99.52**
- VIII Semester Pass % : **99.52**

Number of Students discontinued from the program: **00**

(c) Report on overall Results (PG Programs : M.E (CE))

- (i) Overall Pass Percentage: **100**
- (ii) Percentage of Distinctions: **100**
- (iii) Percentage of First Classes: **0**

Note: Report on CO and PO attainments **are evidenced through developed website.**

(d) Report on Semester wise results (PG Programs : M.E(CE))

- I Semester Pass % : **91.67**
- II Semester Pass % : **66.67**
- III Semester Pass % : **100**
- IV Semester Pass % : **100**

Number of Students discontinued the program: **01** (160119744009-V. Sneha ME (CE) 22/06/21)

(e) Report on overall Results (PG Programs : M.E(ES&VLSID))

- (iv) Overall Pass Percentage: **81.82**
- (v) Percentage of Distinctions: **63.64**
- (vi) Percentage of First Classes: **18.18**

Note: Report on CO and PO attainments **are evidenced through developed website.**

(f) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)

- I Semester Pass % : **92.31**
- II Semester Pass % : **92.31**
- III Semester Pass % : **81.82**

Files are  
evidenced



	<p>IV Semester Pass % : <b>81.82</b></p> <p>Number of Students discontinued the program: <b>00</b></p>	
15	<p>(CAYm1)</p> <p>Report on Co-Curricular and Extra-Curricular Activities: <b>Evidenced</b></p>	Files are evidenced
16	<p>(a) Report on Stakeholder's feedback</p> <p>Evidences of Feedback reports and action proposed /taken for</p> <ul style="list-style-type: none"> <li>(i) Program exit survey</li> <li>(ii) Course exit survey</li> <li>(iii) Alumni</li> <li>(iv) Employers</li> <li>(v) Parents</li> </ul> <p>(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports:</p> <p><b>Evidenced</b></p>	Files are evidenced
17	<p>Report on Minutes of meetings and also on action taken/initiated respectively</p> <ul style="list-style-type: none"> <li>(a) Board of Studies</li> <li>(b) Department Advisory Board</li> <li>(c) Department Research Committee</li> <li>(d) Programme Assessment and Quality Improvement Committee</li> <li>(e) Course Expert Group</li> <li>(f) Common Course Committee</li> <li>(g) Multiple Course Committee</li> <li>(h) Any other Academic Committee (OMC)</li> </ul> <p><b>All above files are evidenced</b></p>	Files are evidenced
18	<p>Report on Student mentoring and counseling process with evidences :</p> <p>The department has a well-established mentoring system to address all the students of every class in a group and individually as well. For every 20 students (or 1/3 rd of the class, as the case may be) a mentor is allotted and an exclusive mentoring slot is allocated in class time table for each such group of every class in a week. Respective mentors of a class/section will be interacting with the students every week, recording their interactions with individual student in a book called "Mentoring Diary and Student's Progression Record".</p> <p>Mentoring is intended to continuously monitor, counsel, guide and motivate each individual student in all academic and even personal matters. The respective mentors will be counseling such student(s) that they may feel weak in a particular aspect, to the extent possible. In case of any severe need the matter will be brought to the notice of the Director of student affairs and Progression (SA&amp;P) , through their respective heads. Director- SA&amp;P will refer the case to a professional counsellor, if needed, after referring it to 'Student Counselling Committee' operating at the institute level. An exclusive 'Student Counsellor' is also nominated in the institute to counsel the needy student(s), on a priority basis, individually.</p> <p>The system thus developed has proved to be efficient in identifying and addressing the problems of individual students and is working out successfully in the institute. Students are</p>	

able to express their views freely and faculty are able to go closer to the individual student and at times to even their parents. Whenever an issue raised by an individual is common to a larger group of the class, efforts will be made by the respective mentor(s) to arrange a special lecture by an expert, addressing that common issue. Depending upon the type and size of the issue, services of a suitable expert will be extended by the Directorate of student affairs.

19 Report on Infrastructural Details of the Department :  
 (a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc

S. No	Description	Hall/Room Numbers	Area (inSq mts)
1.	III & IV SEM B.E ( ECE) E1	N-301	72
2.	III & IV SEM B.E ( ECE) E2	N-302	72
3.	III & IV SEM B.E ( ECE) E3	N-303	72
4.	V & VI SEM B.E ( ECE) E1	N-304	72
5.	V & VI SEM B.E ( ECE) E2	N-305	72
6.	V & VI SEM B.E ( ECE) E3	N-306	72
7.	VII & VIII SEM B.E ( ECE) E1	N-307	72
8.	VII & VIII SEM B.E ( ECE) E2	N-308	72
9.	V II& VIII SEM B.E ( ECE) E3	N-309	72
10.	I & II SEM M.E (ECE-CE)	N-104	36
11.	I & II SEM ME (ECE- ES & VLSID)	N-109	36
12.	Basic Electronic Lab	N-003	72
13.	Projects Lab	N-004	72
14.	Computer Centre	N-005	72
15.	SP / EDA Lab	N-101	72
16.	ES&VLSI Lab	N- 102	72
17.	CN Lab	N- 105	72
18.	Microcontroller Lab	N-106	72
19.	Microwave Lab	N-201	72
20.	Communication Lab	N-202	72
21.	LDIC Lab	N- 204	72
22.	ED/Analog Circuits Lab	N-205	72
23.	EMS Lab	N-206	72
24.	EWN Lab	N- 208	72
25.	NCRC Lab	N-401	36
26.	e-class room	N-108	144
27.	Seminar Hall	N-006	252
28.	Departmental Stores	N-207	36
29.	Research Lab(R&E Hub)	R & D Space for ECE	144
30.	Ladies Waiting Hall	N-209	108

Files are evidenced

(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories : **18**

(c) Information on any other Teaching Aids: **File evidenced**

20 Action taken report of the previous year “Academic Audit” findings and the effectiveness of the same: **File evidenced**

Files are evidenced

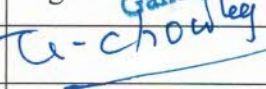

21 Action taken report of the previous year “Program Exit Survey Feedback” findings and effectiveness of the same: **File evidenced**

Files are evidenced


22	Any other Relevant information :	
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Note: Furnish the details in separate sheet where ever necessary.

Director - Incubation & Innovation  
R&E Hub, CBIT(A)  
Gandipet, Hyderabad-500075

Name of the Auditor and Designation	Signature	Date
Dr.U.K.Choudhury, Director (I&I)		13-8-2022
Dr.N.V.Srinivasulu, Professor, Mechanical Dept.	 <b>PROFESSOR</b>	13-8-2022

Department of Mechanical Engineering  
Chaitanya Bharati Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

  
13/8/2022  
Signature of HoD

Encl:

1. Audit Report

HEAD  
DEPARTMENT OF ECE  
Chaitanya Bharathi Institute of Technolog  
Hyderabad-500 075





CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)

Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



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RESEARCH,  
INNOVATION AND  
EDUCATION

43  
years

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Dept. Audit Report

Date: 13-08-2022

1. Lab Time tables – (Even semester) - Room nos. are to be written
2. Number of Faculty available are below the requirement as per 1:15 FSR.
3. At present only one associate professor is on regular rolls and cadre ratio to be addressed/Maintained.
4. No digital board is available, At least one digital board in essential for the department.
5. e- class room LCD projector is to be repaired immediately.
6. No Internet facility in the class rooms.
7. Wi-Fi is not working properly & it should be upgraded.
8. 19 faculty members require updated computer systems.
9. Five faculty don't have system
10. Good number of student projects are converted into publications
11. Main library data has to be verified at the main library itself & not at department levels.
12. Separate audit may be conducted for main library.
13. Created a website to calculate CO-PO-PSO attainments & it is a good work by the department.
14. Comments on previous audit are fulfilled by department.

Signature of Auditors with:

*U. Choudhury*

Dr.U.K.Choudhury, Director (I&I)  
Director - Incubation & Innovation  
R&E Hub, CBIT(A)  
Gandipet, Hyderabad-500075

*Dr.N.V.Srinivasulu*  
PROFESSOR,  
Department of Mechanical Engineering  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, HYDERABAD-500 075 (T.S.)

*[Signature]*  
HoD, ECE Dept

HEAD

DEPARTMENT OF ECE

Chaitanya Bharathi Institute of Technology  
Hyderabad-500 075



# Chaitanya Bharathi Institute of Technology (A), Hyderabad

## INTERNAL QUALITY ASSURANCE CELL

<b>Audit Report</b>		
<b>Date:</b> 16-08-2022	<b>Auditors: Dr. D. Krishna Reddy, Head ECE Dr. P. Ravindra Reddy, Head MED</b>	<b>Auditee: ACIC-CBIT</b>
S.No	Particulars	Remarks
1	Establishment document of ACIC-CBIT.	Yes
2	Aims and Objectives of ACIC-CBIT.	Yes
3	Infrastructural details of ACIC-CBIT.	List of Furniture is not available
4	Details of the office staff structure in ACIC-CBIT	Yes
5	Hierarchy of officials in ACIC-CBIT.	Yes
6	Recruitment procedure of staff in ACIC-CBIT.	Exist
7	Recruitment details of Staff with appointment order(s) and joining report(s).	Joining reports of the staff are not available
8	Details of the Targets with expected outcomes and action plans set for the year 2021-2022.	Target date and responsibility are missing in action plan
9	Targets achieved for the year 2021-2022 along with the detailed report including the quantification of outcomes for every target.	Yes
10	Detailed report(s) regarding every event organized in a standard format.	Maintained
11	Details of the financial budget proposals submitted for the year 2021-2022.	Yes
12	Budget sanction/approval orders for the year 2021-2022 with defined breakup for recurring and non-recurring expenditures.	Breakup of Recurring and Non-recurring expenditure is not evident
13	Approved procurement procedure(s) for recurring and non-recurring items.	Yes
14	Details of the recurring and Non-Recurring expenditure approvals/sanction orders.	Separation of Recurring and Non-Recurring expenditures is not evident
15	Purchase orders for procurements of Recurring and Non-Recurring items.	Yes
16	Physical verification and satisfactory working report of the procured Recurring and Non-Recurring items as per specification of the Purchase Orders.	Available
17	Payment orders of Recurring and Non-Recurring items.	Available, but not signed
18	Performance guarantees documents of the equipment, if any.	Hard copies are Not available
19	Maintenance of Stock register for Recurring and Non-Recurring items.	As per the records no Recurring items are procured till date
20	Salary disbursement statements of staff.	Available
21	Evidences of Cash Book and Ledger for ACIC-CBIT.	Available
22	Uploading of Achievements ACIC-CBIT website.	Yes
23	Verification of updates in website as on date.	Yes
24	Reporting of achievements in Atal Innovation Mission (AIM) website.	Evidences of Achievement reports sent to AIM
25	Any other quality document of ACIC-CBIT.	SOP's and Operational Manual
26	Remarks of the Audit team	The documents are well maintained in soft form but hard copies are suggested for better exhibition. Each activity in action plan may be broken into sub activities wherever feasible for which responsible persons need to be identified and target dates may be set.

Dr. D. Krishna Reddy, Head ECE

16/08/2022

Dr. P. Ravindra Reddy, Head MED

16/08/22

T. chowly  
16/8/22



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : EEE
2. Date of Visit : 12-8-2022
3. Members of the Audit Committee :

- (i) Dr.G.Chandra Mohan Reddy
- (ii) Dr.G.Laxmaiah

**PART –II: ACADEMIC INFORMATION**

Sl. No	Particular			Remarks
1	(a) Courses Offered			ok
	Name of the Program	Intake	Year of Commencement of the program	
	<b>Electrical and Electronics Engineering</b>	30	1994	
		Increased by 30, making a Total of 60	1996	
		Increased by 60, making a Total of 120	2013	
<b>ME - PSPE</b>	18	2006		
(b) Availability of Time Tables : (i) Consolidated Time Tables (ii) Class Time Tables (iii) Individual Faculty Time Tables (iv) Laboratory wise Time Tables (v) Individual Non-Teaching/Faculty Time tables (vi) Calendar				
2	Faculty Information:			ok
		Required	Available	
			Regular      Contract	
	Professors	03 UG + 1 PG	03      01	
	Associate Professors	06 UG + 2 PG	04      01	
	Assistant Professor	18+3(1 year)	14      06	
	Total(1:15)	33	21      8	

*Handwritten signature and initials*

- Ms. B. V. Haritha relieved on 31-07-2022
- Hence the total available faculty as on 11-08-2022 is 28 (5 are required)

(a) Faculty members with

- (i) Ph.D qualification : 16
- (ii) Post Graduation Qualification: 13
- (iii) Any Other

(b) FSR Ratio (UG) : 1:18 PG: 1:12

(c) Teaching Experience (within CBIT) of the Faculty in the Department:

Tenure	No. of Faculty
More than 15 Years	06
Between 8 to 15 Years	07
Between 1 to 8 Years	14
Below 1 Year	02

(d) Consolidated Experience of the teaching faculty considering outside experience.

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience

ok

3 Details of Supporting Staff

- (a) Lab Assistants : Nil
- (b) Technicians : 10
- (c) Programmers : Nil
- (d) Assistant Programmers : 01
- (e) Computer Operators : 01
- (f) Skilled Assistants : Nil
- (g) Attenders : 01

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S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience

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4	<p>(a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus</p> <p>During the BoS meeting (held for the approval of the R20 Curriculum for the semesters V to VIII), the following corrections were suggested and the same were incorporated in the final structure.</p> <ol style="list-style-type: none"> <li>1. The occurrence of the courses Power Systems Protection and Power System-II swapped.</li> <li>2. The course Microcontrollers and Applications was moved to V Semester.</li> </ol> <p>(b) Evidences of syllabus for UG and PG Programs</p>	oe												
5	<p>(a) Report on three level Internal Audit Committee Findings and Action taken : <u>NoComments</u></p> <table border="1" data-bbox="177 678 1294 981"> <thead> <tr> <th>Description</th> <th>Availability of Internal Audit Findings Report</th> <th>Availability of Action taken Report</th> </tr> </thead> <tbody> <tr> <td>Audit I</td> <td>Available</td> <td>—</td> </tr> <tr> <td>Audit II</td> <td>Available</td> <td>—</td> </tr> <tr> <td>Audit III</td> <td>Available</td> <td>—</td> </tr> </tbody> </table> <p>(b) Report (with evidences) on supplementary Teaching Tools / ICT: —</p> <p>Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/Laboratories : 09</p> <p>Information on any other Teaching Aids:  Web cameras : 21  Head Phones : 25  Desktop for faculty : 17</p> <p>(c) Any Other relevant information: -----</p>	Description	Availability of Internal Audit Findings Report	Availability of Action taken Report	Audit I	Available	—	Audit II	Available	—	Audit III	Available	—	oe
Description	Availability of Internal Audit Findings Report	Availability of Action taken Report												
Audit I	Available	—												
Audit II	Available	—												
Audit III	Available	—												




6	<p>(a) Report on Laboratory-wise Facilities with the following data:</p> <p>(i) Equipment /Software Details</p> <p>(ii) Procurement of additional equipment/Software (in the current academic year if any).</p> <p>(b) Report on Consolidated Computing facilities in the Department</p> <p>(i) Number of PCs : <b>65</b></p> <p>(ii) List of the Software/ Software packages/Simulation Tools: <b>MATLab 2022A &amp; Lab view</b></p> <p>(iii) No of Printers available: <b>05</b></p> <p>Availability of updated Stock Registers: <b>Yes</b></p> <p>Adoption of safety measures in the Department:</p> <ul style="list-style-type: none"> <li>· Safety Rules &amp; Regulation Charts are displayed.</li> <li>· Fire extinguisher is provided</li> <li>· First aid box is available</li> <li>· MCB and Stabilizer protection is ensured.</li> <li>· To avoid electrical shocks, all switch boards are properly earthed.</li> <li>· All machines are independently controlled</li> <li>· Rubber mats are provided</li> <li>· Do's and Don'ts charts are displayed in the laboratory.</li> <li>· Periodical servicing of the lab equipment.</li> <li>· Safety Instructions are demonstrated in every lab at the beginning of lab sessions.</li> </ul> <p>CCTVs are installed in corridors.</p>	<p>0-10</p>										
7	<p>Report on Faculty Improvement/Enrichment Programmes :</p> <p>(a) FDP /STTP/Workshops/Seminars organized by the Department : 01</p> <p>(b) Conferences organized by the Department: NIL</p> <p>(c) FDP /STTP/Workshops/Seminars attended by the faculty: 30</p> <p>(d) Conferences attended by the Faculty: 15</p> <p>(e) Any Other relevant information : NIL</p>	<p>0-10</p>										
8	<p>(a) Report on Research Publications:</p> <p>(i) No. of publications in Journals</p> <ul style="list-style-type: none"> <li>● National : NIL</li> <li>● International: 41</li> </ul> <p>(ii) No. of publications in Conferences</p> <ul style="list-style-type: none"> <li>● National : 1</li> <li>● International: 14</li> </ul> <p>(b) Report on Patents/ copyrights/Industrial Designs :</p> <p>(i) Published: NIL</p> <p>(ii) Granted: 6</p>	<p>0-10</p>										
9	<p>(a) Report on Ongoing Research/Sponsored Research Project Details:</p> <p>For this Academic Year 2021-22, One ongoing AICTE-RPS is available and the details tabulated below.</p> <table border="1" data-bbox="183 1915 1300 2004"> <thead> <tr> <th>Title</th> <th>Name of PI and Co-PI</th> <th>Funding Agency</th> <th>Amount in Rs</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status						
Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status								

	An Efficient Low Cost Flexible Quality Conditioner to Mitigate Power Quality Issue	Dr M Balasubbareddy & Dr P. Venkata Prasad	AICTE-RPS	11,00,000	Ongoing	<i>ole</i>
<p>Any Other relevant information (b) Report on Consultancy Details:</p> <p>For this Academic Year 2021-22, one consultancy project is sanctioned and the details tabulated below.</p>						
Name of Faculty (Chief Consultant)		Client Organization	Title of Consultancy Project	Amount Received (in Rupees)		
Dr. T. Sudhakar Babu		Najran University, Saudi Arabia	Enhancement of the performance of different renewable energy sources using modern techniques	20L (Sanctioned amount)  743563 Received amount as on date		
Any Other relevant information: –						
10	<p>Report on Student Projects and their outcomes in terms of publications/ IPR (CAYm1) : In the A.Y:21-22, B.E final year students of EEE (D1 &amp;D2) have done 15 hardware projects and 27 simulation projects. These projects have provided the outcomes in terms of three IEEE conferences. For the A.Y :21-22, 6 Publications have come as an outcome of M.E student projects. (a) UG : 3 IEEE Conferences (b) PG :Publications : 6</p>					<i>ole</i>

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Report on MoUs and Ongoing /Completed Activities  
Department of EEE has got 5 MoUs till date and the details are given below

S.no	Title of the MoU	Govt . / Private	Name of the Collaborative Institution	Amount Sanctioned / spent	Main Aim/ Purpose	Period and Duration
1.	EESAVYASA	Private	EESAVYASA TECHNOLOGIES PRIVATE LIMITED,	Nil	Internships, Placements and Project guidance.	14-03-2018 to 14-03-2023 Five Years
2.	HIEE	Private	HYDERABAD HYDERABAD INSTITUTE OF ELECTRICAL ENGINEERS	Nil	Electrical Design Course, Placements, Internships Workshops and Projects.	14-02-2020 to 14-02-2023 Three Years
3.	CBIT-CARES, Centre for Solar Photovoltaic System Research.	Private	CARES RENEWABLES PRIVATE LIMITED, COIMBATORE	20 Lakhs	R & D, Consulting, Project Development and Training.	18-06-2020 to 18-06-2025 Five Years
4.	IMRC Industry	Private	INTERLEAVED MULTIDISCIPLINARY RESEARCH CENTRE	Nil	Internships, Design and Development of new Products, Solar PV Systems, Agriculture Systems, Embedded Systems, Mechatronics and software.	11-09-2020 to 11-09-2022 Two Years
5.	ISIE	Private	IMPERIAL SOCIETY OF INNOVATIVE ENGINEERS (ISIE), NOIDA	Nil	Summer Training Program (On Campus Training Program) Online Training Program Guest Lecture, Expert Lecture Skill Development Program Skill Awareness Program Faculty Development Program	26-02-2021 to 26-02-2023 Two years

For the academic year 2021-2022, EEE 3rd semester students have undergone 2-weeks internship program (online mode) on "Basics of Electrical Engineering" from 13th September 2021 to 27th September 2021 offered by Hyderabad Institute of Electrical Engineers (HIEE)

For the academic year 2021-2022, Hyderabad Institute of Electrical Engineers (HIEE) has conducted a Virtual Industrial Visit of 132/33 KV Substation on 18th July 2021 at 11:30 am.

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12 Report on Library, Internet & other facilities:

(a) Library and Information Centre  
(Furnish Programme-wise Details):

(i) Number of Titles: 1342

(ii) Total volumes of Books: 6137

(iii) Number of Journals: 06

(iv) Online Journals Subscriptions: 100

(v) Online e-books Subscriptions: 100

(vi) Any other item:

(b) Department Library:

(Furnish Programme-wise Details):

(i) Number of Titles: 91

(ii) Total volumes of Books: 406

(c) Internet Connectivity: – Yes - 1GBPS,

ok

13 Report on Placement, Internship and Training activities:

(a) Placement Activities:

(i) Number of companies Visited: 77

(ii) Number of Students Placed: 88

(iii) Highest Salary offered: 16.6 LPA

(iv) Average salary offered: 5.4 LPA

(v) Median Salary offered: 6.5 LPA

(b) Internship Activities:

(i) Number of Organizations offered Internships : 17

(ii) Number of Students carried out Internships :23

(iii) Number of Internships carried out with stipend:15

(iv) Total Number of Internships:38

(v) Highest Stipend offered : 35000

(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Center/your Department:

The List of events conducted under the coding school activities is tabulated below

S.No	Topic/Activity	No of hours	Targeted students	Attached students
1	Programming id C	20	BE-EEE	44
2	Python Programming	12	BE-EEE	44
3	Data Structures	12	BE-EEE	44
4	Data Base Management	9	BE-EEE	44
5	Operating Systems	7	BE-EEE	44

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CAYm1

- (a) Report on overall Results (B.E/B.Tech)
  - (i) Overall Pass Percentage : 99.30 %
  - (ii) Percentage of Distinctions : 64.79 %
  - (iii) Percentage of First Classes : 30.99 %

Note : Report on CO and PO attainments are to be evidenced

- (b) Report on Semester wise results (B.E/B.Tech)
  - I Semester Pass % : 77.31
  - II Semester Pass % : 76.92
  - III Semester Pass % : 66.67.
  - IV Semester Pass % : 69.06
  - V Semester Pass % : 83.94
  - VI Semester Pass % : 97.83
  - VII Semester Pass % : 97.89
  - VIII Semester Pass % : 100

Number of Students discontinued from the program: 11

- (c) Report on overall Results (PG Programs : M.E/M.Tech/MBA/MCA)
  - (i) Overall Pass Percentage:75%
  - (ii) Percentage of Distinctions:62.5%
  - (iii) Percentage of First Classes:12.5%

Note : Report on CO and PO attainments are to be evidenced

- (d) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)
  - I Semester Pass % :88.89
  - II Semester Pass % :75.00
  - III Semester Pass % :100
  - IV Semester Pass % :75
  - V Semester Pass % :NA
  - VI Semester Pass % :NA

Number of Students discontinued the program: 2

→ pending

15

(CAYm1)

Report on Co-Curricular and Extra-Curricular Activities (with evidences)

One hundred and fifty seven (157) students participated in both Co and Extracurricular Activities.

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(a) Report on Stakeholder's feedback

Evidences of Feedback reports and action proposed /taken for

- (i) Program exit survey
- (ii) Course exit survey
- (iii) Alumni
- (iv) Employers
- (v) Parents

not available

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :

- Informed the respective Faculty and counseled on the feedback received.
- Advocated them to use Teaching & Learning Pedagogy methods to reach students expectations.

Suggested to use ICT tools to meet the curriculum requirements.

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Report on Minutes of meetings and also on action taken/initiated respectively

- (a) Board of Studies
- (b) Department Advisory Board
- (c) Department Research Committee
- (d) Programme Assessment and Quality Improvement Committee
- (e) Course Expert Group
- (f) Common Course Committee
- (g) Multiple Course Committee
- (h) Any other Academic Committee

not available

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### Report on Student mentoring and counseling process with evidences :

The institute has a well-established mentoring system to address all the students of every class in a group and individually as well. For every 20 students ( or 1/3 rd of the class, as the case may be ) a mentor is allotted and an exclusive mentoring slot is allocated in class time table for each such group of every class in a week. Respective mentors of a class/section will be interacting with the students every week, recording their interactions with individual students in a book called "Mentoring Diary and Student's Progression Record". Mentoring is intended to continuously monitor, counsel, guide and motivate each individual student in all aspects of both academic and personality development skills. The respective mentors will be counseling such student(s) that they may feel weak in a particular aspect, to the extent possible. In case of any severe need, the matter will be brought to the notice of the Director of Student Affairs and Progression (SA&P) , through their respective heads. Director- SA&P will refer the case to a professional counselor, if needed, after referring it to 'Student Counseling Committee' operating at the institute level. An exclusive 'Student Counselor' is also nominated in the institute to counsel the needy student(s), on a priority basis, individually.

The system thus developed has proved to be efficient in identifying and addressing the problems of individual students and is working out successfully in the institute. Students are able to express their views freely and faculty are able to go closer to the individual student and at times to even their parents. Whenever an issue raised by an individual is common to a larger group of the class, efforts will be made by the respective mentor(s) to arrange a special lecture by an expert, addressing that common issue. Depending upon the type and size of the issue, services of a suitable expert will be extended by the Directorate of student affairs.

In continuation of this Mentoring System to help at Individual Level, the department follows an exclusive III Tier Mentoring system to implement the mentoring process effectively. The system composition along with the roles and responsibilities are given below .

#### 1.GMI (Group Mentoring In charge)-

- GMI is identified and allocated for each set of 22 students to each class.
- GMI should have all the details of their group such as List of students, roll no, official mail id, mobile no, Parents name, mobile/email id
- Regular monitoring of attendance, progress (academics- both extracurricular and co-curricular activities) of their ward.

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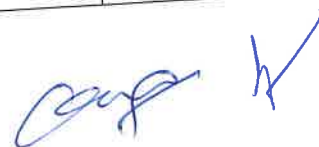
19

## Report on Infrastructural Details of the Department :

(a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc

S.No	Description	Hall/Room Numbers	Area (in Sqmts)
1	Class Room for IV-year EEE-1:Equipped with White Board, LCD Projector and PC with LAN Connection	L-202	75
2	Class Room for IV-year EEE-2:Equipped with White Board, LCD Projector and PC with LAN Connection	L-203	75
3	Class Room for III-year EEE-1:Equipped with White Board, LCD Projector and PC with LAN Connection	L-204	75
4	Class Room for III-year EEE-2: Equipped with White Board, LCD Projector and PC with LAN Connection	L-205	75
5	Class Room for II-year EEE-1: Equipped with White Board, LCD Projector and PC with LAN Connection	L-206	75
6	Class Room for II-year EEE-2: Equipped with White Board, LCD Projector and PC with LAN Connection	L-207	75
7	Class Room for I-year M.E.: Equipped with White Board, LCD Projector and PC with LAN Connection	L-009	37.5
8	Tutorial Rooms for II,III &IV-year students(shared): Equipped with White Board, LCD Projector and PC with LAN Connection	L-202 to L-207	75
9	Electrical Simulation Lab(Computer Lab-I): Equipped with White Board ,LCD Projector and Air Conditioning Unit	L-003	75
10	Control Systems Lab Equipped with Black board	L-004	75
11	Microprocessor and Microcontroller Lab: Equipped with black board	L-004	75
12	Power Electronics Lab: Equipped with black board	L-006	75
13	Circuits and Measurements Lab Equipped with Black board	L-007	75
14	Digital Electronics Lab Equipped with White board	L-008	75
15	Analog Electronics Lab Equipped with White board	L-008	75
16	Digital Signal Processing Lab	L-003	75
17	Electrical Machines Lab-1 Equipped with black board	J-704	176
18	Electrical Machines Lab-II Equipped with black board	J-705	176
19	Power Systems Lab	J-706	90
20	Basic Electrical Engg. Lab Equipped with black board	J-704 & L-010	176 & 112.5

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21	PG Lab ME (Hardware) Equipped with black board	L-010	112.5
22	Research & PG Lab(software) Equipped with white board	L-208	75
23	Department Library	L-005	37.5
24	HOD Office Equipped with White board and (Split)Air-Conditioning unit	L-001	37.5
25	Faculty Rooms (Cubicles)(some are shared)	L-002	37.5
26	Faculty Rooms(Cubicles)(some are shared)	L-201	37.5
27	Seminar hall Equipped with White Board, LCD Projector and PC with LAN Connection	N-108	144

(a) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/  
Laboratories : 09

(b) Information on any other Teaching Aids:

- Web cameras : 21
- Head Phones : 25
- Desktop for faculty : 17

During the Pandemic Situation, the recorded online class Lectures (Videos) of the respective subjects and Labs are uploaded in LMS Platform which is facilitated by college

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20 Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same is – Tabulated as Under

S.No	Observations	Action Taken
1	Adoption of safety measures in the Department:Partially Available, Suggested to provide the following in all labs. Safety Rules & Regulation Charts. Fire extinguisher First aid boxes Rubber mats	Except Safety Rules & Regulation Charts. remaining Items are Provided
2	Report on Minutes of meetings and also on action taken/initiated respectively (i) Department Advisory Board - Formed. meeting yet to be conducted. (j) Department Research Committee - Formed.meeting yet to be conducted. (k) Programme Assessment and Quality Improvement Committee – Formed. meeting yet to be conducted.	Conducted and MoM are Provided in Item 20

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21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same:		oe	
	S.No	Observations made		Action Taken
	1	More practical education is required		More Internship, MoU's are Accommodated
	2	more practical education is required		
	3	washrooms should be renovated.		Informed to The maintenance department.
4	Curriculum must have core concepts which are supposed to be but the elective should be multidisciplinary.	As per R-20 Curriculum, Core and Open-electives are Introduced to Support both Core and Multi-disciplinary Courses		
22	Any other Relevant information : ---			

Note: Furnish the details in a separate sheet wherever necessary.

Name of the Auditor and Designation	Signature	Date
Dr. G. Chandra Mohan Reddy		18.8.2022
Dr. G. LAXMANAIAH		18-08-2022

Signature of HoD  
 He B. S. Sankaranarayanan  
 19/8/22

2.(d). Consolidated Experience of the teaching faculty considering outside experience.

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Dr. K. Krishnaveni	Prof. & Director (Academics)	Ph.D.	06-10-1997	24Y-8M	3Y-9M	28Y-5M
2	Dr.P.V.Prasad	Prof. & COE	Ph.D.	13-10-2000	21Y-8M	1Y	22Y-8M
3	Dr. G. Suresh Babu	Prof. & HOD	Ph.D.	09-11-1998	23Y-7M	8Y-5M	32Y
4	Dr.UmakantaChoudhury	Professor & Director I & I	Ph.D.	17-02-2020	2Y-4M	38Y	40Y-4M
5	Dr. M. Balasubba Reddy	Assoc. Prof.	Ph. D.	03-07-2017	5Y	15Y	20Y
6	Dr. B. Suresh Kumar	Assoc. Prof.	Ph. D.	12-07-2004	18Y	3Y	21Y
7	Dr. T. Murali Krishna	Assoc. Prof.	Ph.D.	03-10-2007	14Y 8M	6Y-7M	21Y-3M
8	Dr. P. Kowstubha	Assoc. Prof.	Ph.D.	11-08-2010	11Y-11M	6	17Y-11M
9	Dr. T.SudhakarBabu	Assoc. Prof.	Ph.D.	27-01-2021	1Y-5M	8Y-6M	10Y
10	Sri. Ch. V. Krishna Reddy	Asst. Prof.	M. E.	01-11-2002	19Y-7M	2Y	21Y-7M
11	Sri. I.Pranav	Asst. Prof.	M. Tech	21-08-2006	15Y-10M	1Y-6M	17Y-4M
12	Dr. N. VasanthaGowri	Asst. Prof.	Ph.D.	08-06-2009	13Y	4Y-6M	17Y-6M
13	Sri. M. Thirupathaiah	Asst. Prof.	M. Tech.	27-07-2009	13Y	4Y	17Y
14	Sri. P. Hemeshwar Chary	Asst. Prof.	M. Tech.	09-08-2010	11Y-11M	2Y	13Y-11M
15	Sri. C. Harish	Asst. Prof.	M. Tech.	05-03-2014	8Y-4M	1Y-6M	9Y-10M
16	Sri. D. Harsha	Asst. Prof.	M. Tech.	03-02-2014	8Y-5M	8M	9Y-1M
17	Sri. N. Santosh Kumar	Asst. Prof.	M. Tech.	06-07-2015	7Y	6Y	13Y
18	Sri. C Srisailam	Asst. Prof.	M. E.	01-03-2016	6Y-4M	8Y	14Y
19	Sri. M. Nagaraju	Asst. Prof.	M. Tech.	18-06-2018	4Y	8Y-6M	12Y-6M
20	Dr. N. V. PhanendraBabu	Asst. Prof.	Ph. D.	02-07-2018	4Y	2Y	6Y
21	Dr. B. Krishna Chaitanya	Asst. Prof.	Ph.D.	28-01-2021	1Y-5M	1Y	2Y-5M
22	Dr. P. Vijay Babu	Asst. Prof.	Ph.D.	01-12-2021	8 M	2 Y-6M	3Y-2M
23	Dr. Nishant Patnaik	Asst. Prof.	Ph.D.	27-10-2021	8M	6Y	6Y-8M
24	MarrapuDeepthi	Asst. Prof.	M.Tech	28-01-2021	1Y-5M	5Y-2M	6Y-7M
25	Sri. D. Sathish	Asst. Prof.	M. Tech.	03-03-2016	6Y-4M	4Y	10Y-4M
26	Smt. D. Sushma	Asst. Prof.	M. Tech.	01-04-2021	1Y-2M	-	1Y-2M
27	B.V Haritha	Asst. Prof.	M. Tech.	14-08-2019	2Y-10M	10M	3Y-8M (relieved july 31st 2022)
28	Dr. Syed Ahmad	Asst. Prof.	Ph. D.	27-07-2019	3Y	1Y	4Y
29	G. Hari Krishna	Asst. Prof.	M. Tech.	14-08-2019	2Y-10M	4Y-8M	7Y-6M

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### 3. Details of supporting staff

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1.	Sri.A.Krishnama Chary	Spl Gr.Technician Gr-III	ITI (Electrician)	27-05-2007	15yrs	4yrs(AcademicInstitute) 8yrs(Industry)	27yrs
2.	Sri.K.Malles	Spl Gr.Technician Gr-III	ITI (Electrician)	03-12-2007	15yrs	6yrs(AcademicInstitute)	21yrs
3.	Sri.B.Maheshwar	Spl Gr.Technician Gr-III	Diploma(EEE)	14-08-2008	14yrs	3yrs(AcademicInstitute)	17yrs
4.	Sri.P.VenumadhavaChary	Spl Gr.Technician Gr-III	ITI(Electrical)	10-12-2008	14yrs	6yrs(AcademicInstitute)	20yrs
5.	Sri.K.Komaraiah	Spl Gr.Technician Gr-III	ITI (Electrician)	10-12-1984	37 yrs- 6m	1yrs(AcademicInstitute)	38 yrs-6m (Superannuated 31st March 2022 )
6.	Sri. B. Yadaiah	Technician Gr-III	ITI/Diploma (Electrical)	09-12-2013	09yrs	9yrs(Academic Institute) 1yr(Industry)	19yrs
7.	Sri.V.S.Krishna	Technician Gr-III	B.Tech (EEE-CCC)	04-10-2017	05yrs	7 yrs(Academic Institute) 8 yrs(Industry)	20yrs
8.	Sri.S.Srinivas	Technician Gr-III	B.Tech(EEE)	02-07-2018	04yrs	Nil	04yrs
9.	Sri.M.Kishore	Technician Gr-III	M.Tech (EPE)	02-07-2018	04yrs	9 yrs(Academic Institute)	13yrs
10.	Sri. Shaik Rahimpasha	Technician Gr-III	M. Tech (PE)	11-11-2021	08 M	5Y- 8M (Academic Institute) 1Y- 4M (Industry)	7Y- 8M
11.	Smt. T. Samatha	Technician Gr-III	M.Tech (EPS)	22-11-2021	07 M	4Y (Academic Institute)	4Y -7 M
12.	Sri.J.Ramesh Babu	Asst.Programmer	M.Sc. (IT)	01-09-2006	16yrs	7yrs (Academic Institute)	23yrs
13.	Sri B. Kumar	Computer Operator	M.C.A	02-03-2022	04 M	2 yrs(Academic Institute)	2 yrs- 4M
14.	Sri.C.Sreenivas	Spl. Gr. Attender	ITI (Electrician)	15-11-2003	18yrs	Nil	18yrs

  
19/8/22


**6(a). Report on Laboratory-wise Facilities with the following data:**

**(i) Equipment /Software Details:**

Major equipment/Software, available (in Working Condition) As on 01-07-2021

S. No.	Name of the Equipment / Software	Qty	Price (Rs.)	Make and Model	Date of Purchase	Name of the Lab	Use of Equipment	Remarks
1	TMS320LF2407 based Trainers, Starter kit+ Ask -18, LCD/Keyboard Interface card+Ask-19, LED/DIP switch interface card+Ask-20, Stepper motor interface card	4	1,95,045/-	Sumarg Sai Technologies Pvt.Ltd	15.04.2005	DSP Lab	To perform programing and interfacing experiments	
2	Sands make ADSP21065 DSP kit	1	28,134/-	Sands make	18.07.2003	DSP Lab	To perform programing and interfacing experiments	
3	ALS-SDA-320C50 standalone DSP trainer kit	1	15,530/-	Physitech Electronics	06.08.2003	DSP Lab	To perform programing and interfacing experiments	
4	TMS 320LF2812 CPU target boards	4	96,824/-	SumargSai Technologies Pvt.Ltd	11.12.2007	DSP Lab	To perform programing and interfacing experiments	
5	TMS320LF2407 based Trainers, PWM Testing units, 3 phase IPM based Power modules (with BLDC, DC & AC motor drives each)	3	3,67,500/-	VI Micro Systems Pvt.Ltd., TMS320LF2407	14.03.2006	DSP Lab	To perform interfacing experiments	

6	10KVA UPS Single Phase with ½ Hour Backup	1	1,15,000/-	UtkarshInfotech	08.01.2010	DSP Lab	To provide Uninterrupted Power Supply
7	Development tools for Texas DSP2000 Platform	1	54,554/-	Sumar Si Technologies Pvt.Ltd.	15.04.2005	DSP Lab	To perform the interface experiments
8	ARM7 Trainer kits with Accessories	12	1,69,920/-	SS Lab Equipments	09.04.2018	DSP Lab	To perform the programing and interfacing experiments
9	Frequency response of compensating network	1	16,500/-	Delta Tech Systems	18.06.2018	LCS Lab	To perform the compensation experiment.
10	30MHz CRO	5	97,500/-	SM 410	18.06.2018	LCS Lab	To Measure Waveform
11	10KVA Stabilizer	1	22,000/-	Delta Tech Systems	18.06.2018	LCS Lab	To get Stabilized Power Supply
12	DC Position Control System	1	24,000/-	-	04.12.2018	LCS Lab	To perform the position control Experiment
13	AC Servo Motor	1	15,540/-	HEM Make	08.08.2000	LCS Lab	To perform the speed torque characteristics Experiment
14	DC Servo Motor	1	16,740/-	HEM Make	08.08.2000	LCS Lab	To perform the effect of feedback Experiment
15	Synchro Transmitter Receiver pair	1	14,340/-	HEM Make	08.08.2000	LCS Lab	To perform the synchro pair error detector Experiment
16	Stepper Motor Study	1	16,250/-	Techno Instruments	29.09.2000	LCS Lab	To perform the study of stepper motor Experiment
17	Temperature Control system	1	9,950/-	Techno Instruments	29.09.2000	LCS Lab	To perform the effect of PID Experiment

18	8086 Microprocessor Trainer Kits	10	62,000/-	Anshuman	14.02.2004	MPMC Lab	To perform the programming Experiments
19	8051 Microcontroller Trainer Kits	10	62,100/-	VI Micro Systems	11.10.2012	MPMC Lab	To perform the programming Experiments
20	22.5KVA, 230-250V, 75A, 3-Ph Rectifier	1	22,400/-		26.11.1982	EM-I Lab	To get the DC supply
21	30V, 10A, 1-Ph Rectifier	1	6,900/-		26.11.1982	EM-I Lab	To get the DC supply
22	3 KW, DC Shunt Motor-Generator set	1	18,150/-	Elmot direct current machine Pvt.Ltd	25.11.1982	EM-I Lab	To perform the OCC Experiment
23	3 KW, DC Shunt Motor-Generator set	1	18,150/-	Elmot direct current machine Pvt.Ltd	25.11.1982	EM-I Lab	To perform the Magnetisation characteristics Experiment
24	3 KW, DC Shunt Motor-Compound Generator set	1	18,950/-	Elmot direct current machine Pvt.Ltd	25.11.1982	EM-I Lab	To perform the Load Characteristics Experiment
25	3 KW, DC Motor	1	7,700/-	Elmot direct current machine Pvt.Ltd	25.11.1982	EM-I Lab	To perform the Speed Control Experiment
26	3 KW, DC Shunt Motor	1	7,700/-	Elmot direct current machine Pvt.Ltd	25.11.1982	EM-I Lab	To perform the Brake Test Experiment
27	3 KW, DC Series Motor	1	8,500/-	Elmot direct current machine Pvt.Ltd	25.11.1982	EM-I Lab	To perform the Brake Test Experiment
28	3 KW, DC Compound Motor- Alternator set	1	14,750/-	Clare Electric &Mech	25.11.1982	EM-I Lab	To perform the SC Test Experiment
29	415V, 7.5A, 3 Phase Induction Motor	1		Clare Electric &Mech	25.11.1982	EM-I Lab	To perform the Brake Test Experiment
30	3-Phase Dimmer starter	3	18,225/-	Automatic Electricals Ltd.	25.11.1982	EM-I Lab	To get variable AC Supply
31	auto transformer 3 phase	4	1,03,320/-	AE	15.03.2000	EM-II Lab	To get variable AC Supply



32	phase shifting transformer	2	74,939/-	AE	15.03.2000	EM-II Lab	Used in Alternator Regulation expt.
33	5.2KW, DC compound motor, 7.5KVA, 3-phase alternator, MG Sets {wound rotor (1No), Salient Pole (1No)} with base plate, loading frame and 4point starter	2	2,28,298/-	Kirloskar	15.03.2000	EM-II Lab	To perform the LG Fault Experiment
34	3.5KW, MG sets (Series, Shunt and Compound generators)	3	3,08,475/-	Kirloskar	15.03.2000	EM-II Lab	To perform the Load Test Experiment
35	3.7KW, 3-phase slip ring Induction Motor with motor resistance starter	1	55,000/-	Kirloskar	15.03.2000	EM-II Lab	To perform the Speed control Experiment
36	3.7KW, 3-phase squirrel cage induction motor	1	28,700	Kirloskar	15.03.2000	EM-II Lab	To perform the Brake Test Experiment
37	1-phase Induction Motor	1	16,000/-	Crompton	15.03.2000	EM-II Lab	To perform the Brake Test Experiment
38	Indoor resin cast single phase single pole insulated potential transformer	6	30,410/-	A.E.Make		EM-II Lab	To perform the PF Testing Experiment
39	3.5KVA, 3-phase synchronous motor	1	43,650/-	Kirloskar		EM-II Lab	To perform the Xd, Xq Experiment
40	Indoor air cooled double winding transformer	1	26,750/-	AE make		EM-II Lab	To perform the OC & SC Experiment
41	Scott connected Transformer	1	26,750/-	AE Make		EM-II Lab	To perform the Scott connection Experiment
42	5HP, DC Series motor with mechanical loading arrangement	1	68,500/-	Mega power systems	24.11.2017	EM-II Lab	To perform the Brake Test Experiment

43	5HP, DC Shunt motor with mechanical loading arrangement	1	64,500/-	Mega power systems	24.11.2017	EM-II Lab	To perform the Brake Test Experiment	
44	3.7KW, DC Shunt Motor with starter	1	51,500/-	Kirloskar	15.03.2000	EM-II Lab	To perform the Speed Control Experiment	
45	3.7KW, DC Compound Motor	1	51,500/-	Kirloskar	15.03.2000	EM-II Lab	To perform the Brake Test Experiment	
46	Loading 3 Phase & Single phase Rheostats	6	67,000/-	Frax Electro Systems	24.11.2017	EM-II Lab	To apply load on Generator & Alternators	
47	<b>Trainer Kits:</b> 1-Ph cyclo converter, PWM converter, Dual converter, Micro Processor based integrated thyristor converter	4	56,754/-	Frax Electro systems	06.11.2003	PE Lab	To perform the step down cyclo converter experiment	
48	Integrated Thyristor Contoller kit	3	42,325/-	Frax Electro Systems	04.03.2004	PE Lab	To apply the firing pulses to PE kits	
49	SCR, IGBT Characteristics Trainer kit	1	5,480/-	Frax Electro Systems	04.03.2004	PE Lab	To perform the SCR, IGBT Characteristics Experiment	
50	1200V, 25A, SCR Modules	10	13,770/-	Frax Electro systems	28.02.04	PE Lab	To perform the Converter Experiments	
51	1200V, 50A, SCR Modules	10	19,980/-	Frax Electro systems	28.02.04	PE Lab	To perform the Converter Experiments	

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52	<b>Trainer Kits:</b> Speed measurement and closed loop control of PMDC Motor, Speed control of 3-phase wound rotor induction motor, single phase half controlled converter, Mc.Murray Bedford 3-Phase Inverter, IGBT based 3-Phase Inverter, IGBT based 1-Phase Inverter, Current commutated chopper, Voltage commutated chopper	08	1,64,250/-	Frax Electro systems	18.09.2009	PE Lab	To perform the speed control and to study the converter, inverter, Chopper Experiments
53	<b>Trainer Kits:</b> Gate Triggering Circuits for SCR, 2-Quadrant DC Drives, Forced Commutators	03	45,034/-	Frax Electro Systems	27.11.2010	PE Lab	To study the gate triggering of SCR
54	<b>Trainer Kits:</b> 1-Phase Series Inverter, 1-Phase Parallel Inverter, 1-Phase Half Bridge Inverter, 1-Phase Full Bridge Inverter, Buck Boost & Buck-Boost Chopper	05	78,851/-	Delta Tech Systems	03.03.2015	PE Lab	To Study the Inverter Experiments
55	Single Phase AC Voltage Controller	01	32,055/-	Multitech Systems	24.10.2018	PE Lab	To perform the AC Voltage control experiment

56	30MHz, Oscilloscope	Analog	05	83,160/-	Scientific Mes-TechnikPvt.Ltd	04.09.2014	PE Lab	To measure the Waveforms	
57	30MHz, Powerscopes	Analog	03	77,349/-	Scientific Mes-TechnikPvt.Ltd	18.01.2019	PE Lab	To measure the waveforms of power quantities	
58	100MHz Oscilloscopes	Digital	03	82,393/-	Scientific Mes-TechnikPvt.Ltd	18.01.2019	PE Lab	To measure the power waveform	
59	Clamp on power meter		1	2,16,888/-	Access Technologies	23.01.2013	PE Lab	To measure the power parameters	
60	3 Phase Half controlled Bridge convector		1	50,840/-	Delta tech systems	04.01.2019	PE Lab	To perform the converter experiment	
61	3 Phase Fully controlled Bridge Convector		1	51,640/-	Delta tech systems	04.01.2019	PE Lab	To perform the converter Experiment	
62	3 Phase Transmission Line model of 400 KM		1	3,74,644/-	Devi Electronics	05.06.2014	PS Lab	To perform the transmission line parameters experiment	
63	Portable wound primary type current transformer ratio 30-25-20-15-10-5/5A		9	53,370/-	AE Make	22.08.2017	PS Lab	To perform CT testing and over current relay experiments	
64	Portable wound primary type current transformer ratio 30-25-20-15-10-5/1A		3	18,645/-	AE Make	22.08.2017	PS Lab	To perform CT testing and over current relay experiments	
65	Portable wound primary type current transformer ratio 30-25-20-15-10-5/5A		9	53,370/-	AE Make	22.08.2017	PS Lab	To perform CT testing and over current relay experiments	
66	Portable wound primary type current transformer ratio 30-25-20-15-10-5/1A		3	18,645/-	AE Make	22.08.2017	PS Lab	To perform CT testing and over current relay experiments	



67	Primary current injection test set	2	68,536/-	AE Make	22.08.2017	PS Lab	To perform the primary current injection test experiment
68	5KW, 230V Loading Rheostates	2	21,774/-		22.08.2017	PS Lab	To apply resistive load
69	Relays	21	1,65,892/-	Alstom	22.08.2017	PS Lab	To perform relay experiments
70	Buchholz Relay test kit	1	1,67,400/-	PRDC Make	22.08.2017	PS Lab	To study the Buchholz Relay
71	Static Differential Relay test kit	1	1,92,600/-	PRDC Make	22.08.2017	PS Lab	To perform the Differential Relay experiment
72	Static Over Current Relay test kit	1	1,04,400/-	PRDC Make	22.08.2017	PS Lab	To perform the Static Over Current Relay Experiment
73	Numerical Differential Relay test kit	1	2,18,700/-	PRDC Make	22.08.2017	PS Lab	To perform the Numerical Relay experiment
74	Indoor Air cooled double winding transformer	1	13,480/-	AE Make	22.08.2017	PS Lab	To perform the load test on Transformer Experiment
75	0-470V, 20 A, 3-phase Auto transformer	1	18,854/-	AE Make	22.08.2017	PS Lab	To get the variable AC Supply
76	0-270V, 28A, 1phase	1	7,689/-	AE Make	22.08.2017	PS Lab	To get the variable AC Supply

77	0-60KV, Motorised Oil Testing Set	1	25,380/-	Zaran Make	22.08.2017	PS Lab	To perform the dielectric strength of oil	
78	20MHz Oscilloscopes	3	44,700/-	Scientech	10.02.2006	PS Lab (PG)	To measure the waveforms	
79	Differential Protection of 1 phase transformer	1	68,587/-	Devi Electronics	25.06.2018	PS Lab (PG)	To perform the transformer protection experiment	
80	Vector Control 3HP Squirrel cage Induction Motor	1	65,000/-	Toshiba	09.05.2005	PS Lab (PG)	To perform the Brake test experiment	
81	MG Set	2	1,43,297/-	Ben Tech	14.11.2007	PS Lab (PG)	To perform the Load test	
82	<b>Relays:</b> Directional Over current relay panel, Micro Processor based voltage relay panel	02	46,346/-	Frax Electro systems	29.04.2006	PS Lab (PG)	To study the protection of power system using relays	
83	Micro controller based percentage differential relay	1	48,878/-	VI Micro Systems	18.07.2006	PS Lab (PG)	To study the protection of power system using relays	
84	Solar PV Emulator	1	4,55,875/-	EcoSense Sustainable Solutions	29.09.2016	PS Lab (PG)	To perform the virtual solar experiments	
85	Solar PV Training & Research system	1	1,96,525/-	EcoSense Sustainable Solutions	27.10.2016	PS Lab (PG)	To perform the solar module experiments	
86	3 Phase 7.5KVA & 3 Phase 15KVA Isolation Transformer	2	46,996/-	Servomax	15.04.2006	PS Lab (PG)	To provide Isolation	
87	Rectifier for power systems (ASC)	1	89,000/-	Associated scientific crop	10.04.2008	PS Lab (PG)	To get DE supply	
88	Distribution Panel	1	78,750/-	Chaya	07.10.2006	PS Lab (PG)	To Control the power ON/OFF	

89	Digital C.R.O	1	81,406/-	Edpal Instruments Pvt.Ltd.	19.02.2004	PE Lab (PG)	To measure the waveforms	
90	3 phase auto transformers 10A – 2no & 20A – 1no	3	38,759/-	ServoMax	15.04.2006	PE Lab (PG)	To get the DC supply	
91	20MHz CROs	3	44,700/-	Scientech	18.02.2006	PE Lab (PG)	To measure the waveforms	
92	<b>Trainer Kits:</b> 3 Phase controlled rectifier, 1 Phase dual converter, 3 Phase step down cyclo converter	3	1,78,031/-	Deltatech Systems	03.03.2015	PE Lab (PG)	To perform the converter experiments	
93	3 Phase drive, 3 phase squirrel cage induction motor, 3 Phase IGBT Inverter	01	65,000/-	Toshiba Make	20.03.2015	PE Lab (PG)	To perform the motor drive and inverter experiments	
94	1200V,25A & 1200V 50A Diode Modules	20	35,360/-	Frax Electro Systems	29.04.2006	PE Lab (PG)	To perform the converter and inverter experiments	
95	Speed control of slip ring Ind. Motor using static Kramer	1	1,19,890/-	VI Micro Systems	20.03.2015	PE Lab (PG)	To perform speed control experiment	
96	CROs 30MHz	4	80,000/-	Scientific	23.11.2019	AEC Lab	Measuring Purpose	
97	DSO 50MHz	6	1,42,780/-	Scientech	19.02.2020	AEC Lab	Measuring Purpose	
98	10MHz Function Generators	10	1,04,076/-	Scientech 4061	07.11.2019	AEC Lab	To provide AC input with amplitude & frequency	
99	Regulated Power Supplies(30V,2A)	10	51,200/-	SR Electronics	23.11.2019	AEC Lab	To provide DC input	

100	8086 Microprocessor trainer kits	10	62,000/-	Anshuman	14.02.2004	Microprocessors & Microcontroller Lab	To perform programming and interfacing Experiments
101	8051 Microcontroller trainer kits	10	54,500/-	Advanced Electronic Systems (ALS)	16.03.2004	Microprocessors & Microcontroller Lab	To perform programming and interfacing Experiments
102	LCD display- Memory 64 KB	10	64,440/-	VI Micro Systems Pvt.Ltd.	11.10.2012	Microprocessors & Microcontroller Lab	To perform the interfacing experiments
103	Decade boxes(R L & C)	15	86,593/-	Delta Electro Systems	12.01.2019	Basic Electrical Engineering Lab	To study the different theorems
104	Transient / Steady state response	1	11,564/-	Delta Electro Systems	12.01.2019	Basic Electrical Engineering Lab	To study the transient / steady state response
105	Signal Generators	2	10,129/-	Delta Electro Systems	12.01.2019	Basic Electrical Engineering Lab	To provide AC signal Input
106	Regulated DC Power Supply	6	30,387/-	Delta Electro Systems	12.01.2019	Basic Electrical Engineering Lab	To Provide variable DC input
107	0-270V,5A, 1 Phase Auto transformer	2	10,478/-	Delta Electro Systems	12.01.2019	Basic Electrical Engineering Lab	To Provide variable AC input






108	230V/270V, 10A Auto Transformer	3	20,081/-	Hi-Q Test Equipment Pvt.Ltd	09.04.2015	Basic Electrical Engineering Lab	To Provide variable AC input
109	Regulated DC Power Supplies	3	9,495/-	Hi-Q Test Equipment Pvt.Ltd	18.04.2015	Basic Electrical Engineering Lab	To Provide variable DC input
110	Signal Generators	3	31,017/-	Delta Tech Systems	03.12.2014	Basic Electrical Engineering Lab	To Provide variable AC input
111	Cut-Outs Sections (DC, AC machine).	3	88,600/-	Delta Electro Systems	12.01.2019	Basic Electrical Engineering Lab	To study the construction of DC and AC machines
112	MG sets	1	98,900/-	Delta Electro Systems	12.01.2019	Basic Electrical Engineering Lab	To perform the load test
113	CRO's, DSO, CRO Demonstration kit	5	1,83,684/-	Delta Electro Systems	12.01.2019	Basic Electrical Engineering Lab	To observe waveform and to study the working of CRO
114	Anderson's Bridge	1	8,797/-	OSAW Make	31.01.2000	Circuits and Measurements Lab	To measure the unknown inductance
115	Anderson Bridge	1	8,252/-	OSAW Make	28.04.2004	Circuits and Measurements Lab	To measure the unknown inductance




116	30MHz CROs	3	61,500/-	Scientific	16.01.2017	Circuits and Measurements Lab	To observe the waveform	
117	20MHz CROs	2	35,200/-	FraxElectrosystems	02.01.2018	Circuits and Measurements Lab	To observe the waveform	
118	Digital Strain Guage	1	12,320/-	SR Electronics	04.05.2018	Circuits and Measurements Lab	To measure the strain	
119	Digital LVDT	1	13,440/-	SR Electronics	04.05.2018	Circuits and Measurements Lab	To perform the LVDT experiment	
120	Decade Boxes (Resistance, Inductance, Capacitance)	15	29,736/-	Frax Electro Systems	19.01.2019	Circuits and Measurements Lab	To provide variable Resistance, Inductance and Capacitance	
121	Epstein Square Bridge	1	15,380	Zaran	08.03.2001	Circuits and Measurements Lab	To perform the Epstein Square Bridge experiment	
122	1KVA, 3-Phase Isolation Transformer	1	13,000/-	Delta Tech Systems	17.01.2017	Circuits and Measurements Lab	To provide Isolation	
123	<b>Bridges:</b> Kelvin's double bridge, Anderson Bridge, De Sauty Bridge	3	35,830/-	Delta Tech Systems	11.06.2018	Circuits and Measurements Lab	To measure the unknown parameters like resistance inductance	
124	Dappler + I*Sim software	1 set of 5 users	82,500/-		26/03/2004	Computer Lab - 1	To perform the simulation Experiments	Outdated
125	HP LaserJet M1005 MFP	1	16350/-	ARC Solutions	02.02.2019	Computer Lab - 1	To get printouts	

126	Compaq make Desktop systems	6	2,01,000/-	Computer Lab - II	07.01.2005	Computer Lab - I	Used for simulation Experiments	
127	Computer Systems with I5 processor - 1TB HDD - 8 GB DDR3 Ram	10	4,50,000/-	Dell Optiplex - 3020	20.08.2015	Computer Lab - I	Used for simulation Experiments	
128	PSIM software	01	55,000/-	Trident Tech. Labs Pvt Ltd.	26/03/2004	Computer Lab - I	To perform the simulation Experiments	Outdated
129	PSCADE software	1 set of 5 users	2,51,156/-	KLG Systems Ltd.	27/01/2006	Computer Lab - I	To perform the simulation Experiments	Outdated
130	HP Make Intel core I3 processor HDD 320GB Ram 2GB @ 3.2Ghz	05	1,33,700/-	HP/Intel core I3	18/04/2011	Computer Lab - I	Used for simulation Experiments	
131	Dell Make Intel core I3 processor HDD 320GB Ram 2GB @ 3.2Ghz	05		Dell/Intel core I3	13/07/2011	Computer Lab - I	Used for simulation Experiments	
132	Dell Make Intel core I5 processor HDD 1 TB Ram 6GB @ 3.2Ghz	20	9,00,000/-	Dell/Intel core I5	18/09/2015	Computer Lab - I	Used for simulation Experiments	
133	Dell Optiplex3060 Desktop systems I5, 8GB ram, 1TB HDD	07	3,48,040/-	Dell	29/08/2018	Computer Lab - I	Used for simulation Experiments	
134	Projector	02	81,867/-	Panasonic LX270	30.06.2017	Computer Lab - I	for PPT presentation	
135	Projector	01	25,350/-	Optoma SA34	11/01/2020	Computer Lab - I	for PPT presentation	
136	Blue Sol PvSoftware (3 Users)		2,83,500/-	MS VijayaBhanu Engineering India Pvt. Ltd	27/09/2016	Computer Lab - I	To perform simulation experiments	Outdated
137	Dell Make Intel core i7, 7700 3.6Ghz, 7th generation, 8 GB	18	8,06,350/-	Care Computers services	12/06/2017	Computer Lab - II	Used for simulation Experiments	

138	Canon MF244DW MFP Printer	1	19,950/-	ARC Solutions	10.10.2018	Computer Lab - II	Used for simulation Experiments	
139	Understanding and Experimentation with digital ICs	15	1,62,000/-	Nvis Technologies Pvt.Ltd Nvis 6550A	31/03/2021	Digital Electronics Lab	To perform Digital Electronics Experiments	
140	4 Bit parallel adder &subtractor trainer kit	06	25,088/-	Nvis Technologies Pvt Ltd Nvis 6554A	31/03/2021	Digital Electronics Lab	To perform parallel adder experiment	
141	Analog to Digital Converter	06	35,272/-	Sciencetech 2601	31/03/2021	Digital Electronics Lab	To perform A/D experiment	
142	Digital to Analog Converter	06	35,272/-	Sciencetech 2602	31/03/2021	Digital Electronics Lab	To perform D/A experiment	
143	Speed control of DC drive using thyristor controlled rectifier (Including Meters)	01	58,900/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	To study the speed control of PMDC Motor by using thyristorised drive	
144	Speed control of DC drive using DC-DC Chopper (Including Meters)	01	1,25,212/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	To study the speed control of PMDC Motor by using Johns Chopper	
145	Four quadrant operation of DC drives (Including Meters)	01	1,18,051/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	To study the speed control of PMDC Motor by using 4 quadrant chopper	
146	Closed loop speed control of dc motor using PID controller (Including Meters)	01	1,06,356/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	To study the closed loop speed control	



147	Speed control of single phase induction motor using TRIAC (Including Meters)	01	48,517/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	To study the speed control of single phase induction motor
148	Speed control of three phase induction motor using v/f control (Including Meters)	01	1,07,797/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	V/F speed control of 3phase induction motor
149	Speed control of Three phase induction motor using AC-AC converter (Including Meters )	01	1,01,695/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	Speed control of 3phase induction motor
150	Regenerative/Dynamic braking operation of AC drive. (Including Meters )	01	1,06,365/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	To study the Regenerative/Dynamic braking of AC Drive
151	Doubly Fed Induction Generator Trainer	01	3,75,635/-	Delta Electro Systems	19/03/2022	Electrical Drives lab	To study the doubly fed Induction generator



7c (1407)

Dr. S. S. (S. S. S. S.)

19/3/22




(ii) Procurement of additional equipment / Software for academic year

S. No.	Name of the Equipment / Software	Quantity	Price (Rs.)	Make and Model	Date of Purchase	Name of the Lab	Use of Equipment	Remarks
1	Understanding and Experimentation with digital ICs	15	1,62,000/-	Nvis Technologies Pvt.Ltd Nvis 6550A	31/03/2021	Digital Electronics Lab	To perform Digital Electronics Experiments	
2	4 Bit parallel adder & subtractor trainer kit	06	25,088/-	Nvis Technologies Pvt Ltd Nvis 6554A	31/03/2021	Digital Electronics Lab	To perform parallel adder experiment	
3	Analog to Digital Converter	06	35,272/-	Scientech 2601	31/03/2021	Digital Electronics Lab	To perform A/D experiment	
4	Digital to Analog Converter	06	35,272/-	Scientech 2602	31/03/2021	Digital Electronics Lab	To perform D/A experiment	



Hc Hon

D. B. Suresh Kumar



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : **Information Technology**
2. Date of Visit : **12.08.2022**
3. Members of the Audit Committee :
  - (i) **Prof. G. Chandramohan Reddy, MED**
  - (ii) **Prof. G. Laxmaiah, MED**

**PART –II: ACADEMIC INFORMATION**

Sl. No	Particular	Remarks			
1	(a) Courses Offered	OK			
	Name of the Program		Intake	Year of Commencement of the program	
	<b>B.E(IT)</b>		<b>60</b>	<b>2000-01</b>	
			<b>120</b>	<b>2015-16</b>	
			<b>180</b>	<b>2019-20</b>	
	<b>B.E(AI&amp;DS)</b>		<b>60</b>	<b>2020-21</b>	
			<b>120</b>	<b>2021-22</b>	
<b>M.Tech(AI&amp;DS)</b>	<b>18</b>	<b>2020-21</b>			
(b) Availability of Time Tables : <b>Available</b> ✓ (i) Consolidated Time Tables ✓ (ii) Class Time Tables ✓ (iii) Individual Faculty Time Tables ✓ (iv) Laboratory wise Time Tables ✓ (v) Individual Non-Teaching/Faculty Time tables ✓ (vi) Calendar ✓					
2	Faculty Information:	OK			
	Required		Available		
			Regular	Contract	
	Professors		<b>04</b>	<b>02</b>	-
	Associate Professors		<b>09</b>	<b>02</b>	-
	Assistant Professor		<b>26</b>	<b>15</b>	<b>12</b>
	Total(1:15)		<b>39</b>	<b>19</b>	<b>12</b>
	(a) Faculty members with				
	(i) Ph.D qualification : <b>08</b> (ii) Post Graduation Qualification: <b>23</b> (iii) Any Other (specify) : <b>Nil</b>				
	(b) FSR Ratio (UG) : <b>1:21.6</b> ✓ PG: <b>1:12</b> ✓				
(c) Teaching Experience (within CBIT) of the Faculty in the Department:					
Tenure	No. of Faculty				
More than 15 Years	<b>09</b>	✓			
Between 8 to 15Years	<b>04</b>	✓			
Between 1to 8 Years	<b>15</b>	✓			

Below 1 Year				03				<i>ok</i>
(d) Consolidated Experience of the teaching faculty considering outside experience.								
S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience	
<b>Available</b>								
3	<b>Details of Supporting Staff</b> (a) Lab Assistants : Nil (b) Technicians : 01 ✓ (c) Programmers : 02 ✓ (d) Assistant Programmers : Nil (e) Computer Operators : 02 ✓ (f) Skilled Assistants : Nil (g) Attenders : 02 ✓							<i>ok</i>
	S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	
<b>Available</b>								
4	(a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus							<i>ok</i>
	S.No	Course Title			Subject code			
1	DC Circuits, Sensors and Transducers			20ECC34				
2	Automata Theory and Compiler Design			20ITC14				
3	Design and Analysis of Algorithms Lab			20ITC17				
4	Artificial Intelligence & Machine Learning Tools, Techniques and Applications			20AD C03				
5	Java Programming & Enterprise Framework			20ITC07				
6	Java Programming & Enterprise Framework Lab			20ITC09				
7	Data Analysis and Visualization with Python			20ADE01				
8	Fundamentals of Cryptography			20ITE03				
(b) Evidences of syllabus for UG and PG Programs : <b>Available</b> ✓								
5	(a) Report on three level Internal Audit Committee Findings and Action taken :							<i>ok</i>
	Description	Availability of Internal Audit Findings Report			Availability of Action taken Report			
	Audit I	<b>Available</b>			<b>Available</b>			
	Audit II	<b>Available</b>			<b>Available</b>			
	Audit III	<b>Available</b>			<b>Available</b>			



	<p>(b) Report (with evidences) on supplementary Teaching Tools / ICT : <b>Available</b> ✓</p> <p>(c) Any Other relevant information: <u>    </u></p>	<p>o.e.</p>
<p>6</p>	<p>(a) Report on Laboratory-wise Facilities with the following data:</p> <p>(i) Equipment /Software Details : <b>Available</b></p> <p>(ii) Procurement of additional equipment / Software (in the current academic year if any): <b>NA</b></p> <p>(b) Report on Consolidated Computing facilities in the Department</p> <p>(i) Number of PCs : <b>237 (Including 2 Servers)</b> ✓</p> <p>(ii) List of the Software/ Software packages/Simulation Tools</p> <ul style="list-style-type: none"> <li>➤ <b>Operating Systems:</b> Windows 10, Ubuntu 16.04, Raspbian OS (for IoT Lab) ✓</li> <li>➤ <b>Languages:</b> C, C++, JDK 1.8, Python. ✓</li> <li>➤ <b>Application Tools:</b> KEIL <math>\mu</math> Vision , SST Software _8051, Putty, MS Office 2010, Weka Tool &amp; Eclipse IDE, Hadoop, Dot net Visual Studio 2012, NetBeans IDE, XAMPP, Acrobat Reader, Quick Heal Total Security. ✓</li> </ul> <p>(iii) No of Printers available: <b>05 (including Multifunction Printer)</b> ✓</p> <p>(c) Availability of updated Stock Registers: <b>06 (Available in Labs) +1 (Main Stock Register , available in HoD Office)</b></p> <p>(d) Adoption of safety measures in the Department:</p> <ul style="list-style-type: none"> <li>• <b>All the systems are protected by installing Quick Heal Total Security Anti-Virus software.</b> ✓</li> <li>• <b>Laboratory is equipped with Fire extinguishers to avoid any unto ward incident if it happens.</b> ✓</li> <li>• <b>CCTV cameras are installed for surveillance and security purposes.</b> ✓</li> </ul>	<p>o.e.</p>
<p>7</p>	<p>Report on Faculty Improvement/Enrichment Programmes : <b>Available</b></p> <p>(a) FDP /STTP/Workshops/Seminars organized by the Department : <b>10</b> ✓</p> <p>(b) Conferences organized by the Department : <b>0</b> ✓</p> <p>(c) FDP /STTP/Workshops/Seminars attended by the faculty : <b>71</b> ✓</p> <p>(d) Conferences attended by the Faculty : <b>04</b> ✓</p> <p>(e) Any Other relevant information : <b>Nil</b> ✓</p>	<p>o.e.</p>
<p>8</p>	<p>(a) Report on Research Publications:</p> <p>(i) No. of publications in Journals</p> <ul style="list-style-type: none"> <li>• National : <b>Nil</b></li> <li>• International : <b>57</b></li> </ul> <p>• (ii) No. of publications in Conferences</p> <ul style="list-style-type: none"> <li>• National : <b>03</b></li> <li>• International : <b>25</b></li> </ul> <p>(b) Report on Patents/ copyrights/Industrial Designs :</p> <p>(i) Published: <b>05</b></p>	<p>o.e.</p>

o.e.

	(ii) Granted: Nil					
9	(a) Report on Ongoing Research/Sponsored Research Project Details: ✓					ok
	Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status	
	A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps.	Dr. D. Lakshmi Srinivasa Reddy.	SERB	3704360	Approved	
	Any Other relevant information _____					
	(b) Report on Consultancy Details:					
	Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)		
	NIL					
	Any Other relevant information: Nil					
10	Report on Student Projects and their outcomes in terms of publications/ IPR (CAYm1)					ok
	(a) UG: Available ✓ (b) PG : Available ✓					
11	Report on MoUs and Ongoing /Completed Activities : Available ✓					ok
12	Report on Library, Internet & other facilities:					ok
	(a) Library and Information Centre (Furnish Programme-wise Details):					
	(i) Number of Titles		: 22,812 ✓			
	(ii) Total volumes of Books		: 2,217 ✓			
	(iii) Number of Journals		: 5500 ✓			
	(iv) Online Journals Subscriptions:		12 ✓			
	(v) Online e-books Subscriptions		: 03 ✓			
	(vi) Any other item : i) Online Public Access Catalogue – OPAC ✓					
	(b) Department Library:					
	Total Area: 35.67sq.mts, Located in 3rd Floor, Room No: 304. ✓					
	(Furnish Programme-wise Details):					
	(i) Number of Titles:		65 ✓			
	(ii) Total volumes of Books:		106 ✓			

*[Handwritten Signature]*

*[Handwritten Signature]*

(c) Internet Connectivity: Service Provider Name: Pioneer, Speed : 100MBPS.

Wifi (Name) : EnGenius22FD22. ✓

13 Report on Placement, Internship and Training activities:

(a) Placement Activities:

- (i) Number of companies Visited : 60 ✓
- (ii) Number of Students Placed : 113 ✓
- (iii) Highest Salary offered : 45.5 LPA ✓
- (iv) Average salary offered : 12.7 LPA ✓
- (v) Median Salary offered : 8.7 LPA ✓

(b) Internship Activities:

- (i) Number of Organizations offered Internships : 40 ✓
- (ii) Number of Students carried out Internships : 200 ✓
- (iii) Number of Internships carried out with stipend : 83 ✓
- (iv) Total Number of Internships : 201 ✓
- (v) Highest Stipend offered : Rs. 75,000/- offered by Arcersium per month ✓

(c) Report on Training Activities/coding school activities/soft skills conducted for your

Department students by Career Development Centre/your Department: Available

14 CAYm1

(a) Report on overall Results (B.E/B.Tech)

- (i) Overall Pass Percentage: 97.93 ✓
- (ii) Percentage of Distinctions: 64.14 ✓
- (iii) Percentage of First Classes: 26.21 ✓

Note : Report on CO and PO attainments are to be evidenced

(b) Report on Semester wise results (B.E/B.Tech) BE (IT) & BE (AI&DS) ✓

- I Semester Pass % : 94.48 ✓
- II Semester Pass % : 94.46 ✓
- III Semester Pass % : 100 ✓
- IV Semester Pass % : 100 ✓
- V Semester Pass % : 100 ✓
- VI Semester Pass % : 100 ✓
- VII Semester Pass % : 96.66 ✓
- VIII Semester Pass % : 99.32 ✓

de

ok

Number of Students discontinued from the program: **04**

2020-21	ADMN NO	HT NO	NAME
1	15-7246	1601-15-737-090	JOGU ANIL KUMAR
2	17-7266	1601-17-737-318	E CHANDRA MOHAN REDDY ✓
3	18-7203	1601-18-737-118	N ABHINAV
4	14-7156	1601-14-737-023	ENAGANTI RITHIKA

(c) Report on overall Results (PG Programs : **M.Tech.(AI&DS)**)

- (i) Overall Pass Percentage: **100** ✓
- (ii) Percentage of Distinctions: **100** ✓
- (iii) Percentage of First Classes: -

o.k

Note : Report on CO and PO attainments are to be evidenced *20-21 available - CAY - Pending.*

(d) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)

- I Semester Pass % : **100** ✓
- II Semester Pass % : **100** ✓
- III Semester Pass % : **100** ✓
- IV Semester Pass % : **-**

Number of Students discontinued the program: **01**  
 Roll.No: **160119768002, Sai Kireeti.** ✓

ok

15 (CAYm1)

Report on Co-Curricular and Extra-Curricular Activities (with evidences) ✓

16 (a) Report on Stakeholder's feedback

Evidences of Feedback reports and action proposed /taken for

- (i) Program exit survey : **Available** ✓
- (ii) Course exit survey : **Available** ✓
- (iii) Alumni : **Available** - *pending* - ~~12~~ <sup>12</sup> Responses
- (iv) Employers : **Available** - *pending* - 10 Responses
- (v) Parents : **Available** - *pending* - 5 Responses

ok

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports : **Available**

17 Report on Minutes of meetings and also on action taken/initiated respectively : **Available**

- (a) Board of Studies ✓
- (b) Department Advisory Board ✓
- (c) Department Research Committee ✓
- (d) Programme Assessment and Quality Improvement Committee ✓
- (e) Course Expert Group ✓
- (f) Common Course Committee - *constituted with effect from 2022-23*
- (g) Multiple Course Committee - *not available*
- (h) Any other Academic Committee - *not*

ok

18 Report on Student mentoring and counseling process with evidences : **Available** ✓

ok

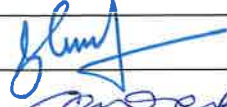

*Handwritten signatures and marks at the bottom of the page.*



19	<p>Report on Infrastructural Details of the Department : <b>Available</b></p> <p>(a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc</p> <table border="1" data-bbox="199 235 1404 1355"> <thead> <tr> <th>S.No</th> <th>Description</th> <th>Hall/Room Numbers</th> <th>Area (inSq mts)</th> </tr> </thead> <tbody> <tr> <td rowspan="7">1.</td> <td rowspan="7">Class Room</td> <td>L-301</td> <td>70.98 ✓</td> </tr> <tr> <td>L-302</td> <td>70.98 ✓</td> </tr> <tr> <td>L-303</td> <td>70.98 ✓</td> </tr> <tr> <td>L-305</td> <td>70.98 ✓</td> </tr> <tr> <td>L-306</td> <td>70.98 ✓</td> </tr> <tr> <td>L-307</td> <td>70.98 ✓</td> </tr> <tr> <td>L-308</td> <td>72 ✓</td> </tr> <tr> <td rowspan="7">2.</td> <td rowspan="7">Laboratories</td> <td>L-103</td> <td>70.98 ✓</td> </tr> <tr> <td>L-104</td> <td>70.98 ✓</td> </tr> <tr> <td>L-106</td> <td>70.98 ✓</td> </tr> <tr> <td>L-107</td> <td>70.98 ✓</td> </tr> <tr> <td>L-108</td> <td>70.98 ✓</td> </tr> <tr> <td>L-109</td> <td>70.98 ✓</td> </tr> <tr> <td>CB-302</td> <td>148.66 ✓</td> </tr> <tr> <td>CB-304</td> <td>143.86 ✓</td> </tr> <tr> <td rowspan="7">3.</td> <td rowspan="7">Faculty Rooms</td> <td>L-102</td> <td rowspan="7">228.97 ✓</td> </tr> <tr> <td>L-103</td> </tr> <tr> <td>L-104</td> </tr> <tr> <td>L-106</td> </tr> <tr> <td>L-107</td> </tr> <tr> <td>L-108</td> </tr> <tr> <td>L-109</td> </tr> <tr> <td>4.</td> <td>Department Library</td> <td>L-304</td> <td>35.49 ✓</td> </tr> <tr> <td>5.</td> <td>HOD Office</td> <td>L-101</td> <td>35.49 ✓</td> </tr> <tr> <td>6.</td> <td>Seminar Hall</td> <td>E-CLASS ROOM (N-BLOCK)</td> <td>149.77 ✓</td> </tr> <tr> <td>7.</td> <td>Server Room</td> <td>L-105</td> <td>35.49 ✓</td> </tr> <tr> <td>8.</td> <td>Ladies Waiting Hall</td> <td>L-111</td> <td>69.48 ✓</td> </tr> </tbody> </table> <p>(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories : <b>15 LCD Projectors + One Smart Board is available in Classroom L-308.</b> ✓</p> <p>(c) Information on any other Teaching Aids:</p> <ul style="list-style-type: none"> <li>❖ Web Cameras :27 ✓</li> <li>❖ Head Phones: 27 ✓</li> <li>❖ Desktops for Faculty: 37 . —</li> </ul>			S.No	Description	Hall/Room Numbers	Area (inSq mts)	1.	Class Room	L-301	70.98 ✓	L-302	70.98 ✓	L-303	70.98 ✓	L-305	70.98 ✓	L-306	70.98 ✓	L-307	70.98 ✓	L-308	72 ✓	2.	Laboratories	L-103	70.98 ✓	L-104	70.98 ✓	L-106	70.98 ✓	L-107	70.98 ✓	L-108	70.98 ✓	L-109	70.98 ✓	CB-302	148.66 ✓	CB-304	143.86 ✓	3.	Faculty Rooms	L-102	228.97 ✓	L-103	L-104	L-106	L-107	L-108	L-109	4.	Department Library	L-304	35.49 ✓	5.	HOD Office	L-101	35.49 ✓	6.	Seminar Hall	E-CLASS ROOM (N-BLOCK)	149.77 ✓	7.	Server Room	L-105	35.49 ✓	8.	Ladies Waiting Hall	L-111	69.48 ✓
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20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: <b>Available</b>			o.k																																																																			
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same: <b>Available</b>			o.k																																																																			
22	Any other Relevant information :			—																																																																			




Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Dr. G. Chandra Mohan Reddy, Prof		12.8.2022
Dr. G. Lanmaiah		12.08.2022

  
Signature of HOD  
12/8/22



No	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Dr. Suresh Pabboju	Professor	Ph.D (CSE)	20.10.1986	35	0	35
2	Dr. K. Radhika	Professor	Ph.D (CSE)	20.08.2001	21	4	25
3	Dr. D. L. Srinivasa Reddy	Associate Professor	Ph.D (CSE)	14.08.2015	6.11	11.6	18.5
4	Dr. M. Venu Gopalachari	Associate Professor	Ph.D (CSE)	03.12.2012	9.8	5.1	14.9
5	Mr. D. Jayaram	Assistant Professor	M.Tech (CSE)	01.11.2000	22	2	24
6	Ms. K.Sugamy	Assistant Professor	M.Tech (CSE)	28.07.2004	18	5	23
7	Ms. A.Sirisha	Assistant Professor	M.Tech (CS)	10.09.2004	17.1	0.3	18
8	Dr. M. Trupthi	Assistant Professor	Ph.D (CSE)	07.10.2004	17.9	1	18.9
9	Ms. E. Rama Lakshmi	Assistant Professor	M.Tech (CS)	18.07.2005	17	3	20
10	Ms. K. Swathi	Assistant Professor	M.Tech (CSE)	28.08.2006	16	1	17
11	Dr. T. Prathima	Assistant Professor	Ph.D (CSE)	13.09.2005	17	0	17
12	Dr. B. VeeraJyothi	Assistant Professor	Ph.D (CSE)	26.06.2007	15	7	22
13	Mr.V.Santhosh	Assistant Professor	M TECH (CSE)	19.12.2011	10.7	2	12.7
14	Mr. K.Gangadhara Rao	Assistant Professor	M TECH (CS)	07.11.2007	15	0	15
15	Ms. T. Satya Kiranmai	Assistant Professor	M.TECH (SE)	24.07.2018	4	9	13
16	Ms. Kratika Sharma	Assistant Professor	M TECH (IT)	28.06.2018	4.1	3	7.1
17	Mr. U.Sai Ram	Assistant Professor	M TECH (CSE)	24.07.2015	7	1	8
18	Dr. Pragathi Priyadarshinee	Assistant Professor	Ph.D (CC)	21.08.2019	7	7	14
19	Mr. S. Rakesh	Assistant Professor	M TECH (SE)	16.03.2016	7	4	11
20	Ms. B. Swathi Sowmya	Assistant Professor	M.Tech (CS)	18.06.2018	4	4	8
21	Mr. K. Rajesh Kannan	Assistant Professor	M.E (CSE)	28.06.2018	4	6	10
22	Mr. P. Vasanth Sena	Assistant Professor	M.Tech (CS)	18.06.2018	4	12	16
23	Mr. R. Govardhan Reddy	Assistant Professor	M.Tech (CSE)	13.02.2017	5.5	1.8	7
24	Mr. R. Sai Venkat	Assistant Professor	M.Tech (CSE)	21.02.2022	1.5	0	1.5
25	Mr. G. Srikanth	Assistant Professor	M.Tech (CSE)	01.03.2022	1.4	0	1.4
26	Ms. I. Sucharitha	Assistant Professor	M.Tech (IT-CNIS)	22.03.2021	1.4	0	1.4

*K. K. RAJESH KANNAN*

*[Signature]*

*[Signature]*

*12/8/22*



	Ms. V. K. Aravinda	Assistant Professor	M.Tech (CSE)	22.03.2021	1.4	6.4	7.8
28	Ms. A. Srilakshmi	Assistant Professor	M.Tech (CSE)	25.03.2021	1.4	8.9	10.1
29	Mr. N. Shiva Kumar	Assistant Professor	M.Tech (CSE)	02.11.2021	0.9	6.6	7.8
30	Ms. P. Kiranmaie	Assistant Professor	M.Tech (CSE)	08.11.2021	0.9	5	5.9
31	Mr. B. Harish Goud	Assistant Professor	M.Tech (IT-CNIS)	08.12.2021	0.8	5.5	6.1

Verified by

  
K. RAJESH KUMAR

  
12/8/22





**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)****Academic and Administrative Audit Form (For the Departments)****Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)****1. More than 15 Years**

S.No	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Dr. Suresh Pabboju	Professor	Ph.D (CSE)	20.10.1986	35	0	35
2	Dr. K. Radhika	Professor	Ph.D (CSE)	20.08.2001	21	4	25
3	Mr. D. Jayaram	Assistant Professor	M.Tech (CSE)	01.11.2000	22	2	24
4	Ms. K.Sugamya	Assistant Professor	M.Tech (CSE)	28.07.2004	18	5	23
5	Ms. A.Sirisha	Assistant Professor	M.Tech (CS)	10.09.2004	17.1	0.3	18
6	Dr. M. Trupthi	Assistant Professor	Ph.D (CSE)	07.10.2004	17.9	1	18.9
7	Ms. E. Rama Lakshmi	Assistant Professor	M.Tech (CS)	18.07.2005	17	3	20
8	Ms. K. Swathi	Assistant Professor	M.Tech (CSE)	28.08.2006	16	1	17
9	Dr. T. Prathima	Assistant Professor	Ph.D (CSE)	13.09.2005	17	0	17

**2. Between 8 to 15Years**

S.No	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Dr. M. Venu Gopalachari	Associate Professor	Ph.D (CSE)	03.12.2012	9.8	5.1	14.9
2	Dr. B. Veeralayothi	Assistant Professor	Ph.D (CSE)	26.06.2007	15	7	22
3	Mr.V.Santhosh	Assistant Professor	M TECH (CSE)	19.12.2011	10.7	2	12.7
4	Mr. K.Gangadhara Rao	Assistant Professor	M TECH (CS)	07.11.2007	15	0	15

Verified by

J.K. RAJESH KANNAN

### 3. Between 1 to 8 Years

S.No	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Dr. D. L. Srinivasa Reddy	Associate Professor	Ph.D (CSE)	14.08.2015	6.11	11.6	18.5
2	Ms. T. Satya Kiranmai	Assistant Professor	M.TECH (SE)	24.07.2018	4	9	13
3	Ms. Kratika Sharma	Assistant Professor	M TECH (IT)	28.06.2018	4.1	3	7.1
4	Mr. U.Sai Ram	Assistant Professor	M TECH (CSE)	24.07.2015	7	1	8
5	Dr. Pragathi Priyadarshinee	Assistant Professor	Ph.D (CC)	21.08.2019	7	7	14
6	Mr. S. Rakesh	Assistant Professor	M TECH (SE)	16.03.2016	7	4	11
7	Ms. B. Swathi Sowmya	Assistant Professor	M.Tech (CS)	18.06.2018	4	4	8
8	Mr. K. Rajesh Kannan	Assistant Professor	M.E (CSE)	28.06.2018	4	6	10
9	Mr. P. Vasanth Sena	Assistant Professor	M.Tech (CS)	18.06.2018	4	12	16
10	Mr. R. Govardhan Reddy	Assistant Professor	M.Tech (CSE)	13.02.2017	5.5	1.8	7
11	Mr. R. Sai Venkat	Assistant Professor	M.Tech (CSE)	21.02.2022	1.5	0	1.5
12	Mr. G. Srikanth	Assistant Professor	M.Tech (CSE)	01.03.2022	1.4	0	1.4
13	Ms. I. Sucharitha	Assistant Professor	M.Tech (IT-CNIS)	22.03.2021	1.4	0	1.4
14	Ms. V. K. Aravinda	Assistant Professor	M.Tech (CSE)	22.03.2021	1.4	6.4	7.8
15	Ms. A. Srilakshmi	Assistant Professor	M.Tech (CSE)	25.03.2021	1.4	8.9	10.1

### 4. Below 1 Year

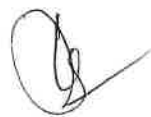
S.No	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Mr. N. Shiva Kumar	Assistant Professor	M.Tech (CSE)	02.11.2021	0.9	6.6	7.8
2	Ms. P. Kiranmaie	Assistant Professor	M.Tech (CSE)	08.11.2021	0.9	5	5.9
3	Mr. B. Harish Goud	Assistant Professor	M.Tech (IT-CNIS)	08.12.2021	0.8	5.5	6.1

Verified by



L.K. RAJESH KANNAN





S.No	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience	At Present Working with the Institution (Yes/No)
1	Dr. Suresh Pabboju	Professor	Ph.D (CSE)	20.10.1986	35	0	35	Yes
2	Dr. K. Radhika	Professor	Ph.D (CSE)	20.08.2001	21	4	25	Yes
3	Dr. R. Madana Mohana	Professor	Ph.D (CSE)	02.06.2022	0.2	17	17.2	Yes
4	Dr. D. L. Srinivasa Reddy	Associate Professor	Ph.D (CSE)	14-08-2015	6.11	11.6	18.5	Yes
5	Dr. M. Venu Gopalachari	Associate Professor	Ph.D (CSE)	03-12-2012	9.8	5.1	14.9	Yes
6	Dr. Rajanikanth Aluvalu	Associate Professor	Ph.D (CSE)	29-12-2021	0.7	17.6	18.1	Yes
7	Dr. P. Ramesh Babu	Associate Professor	Ph.D (CSE)	04-04-2022	0.4	13.10	14.2	Yes
8	Dr. T. Satyanarayana Murthy	Associate Professor	Ph.D (CA)	09-05-2022	0.2	11	16	Yes
9	Dr. K. Ramana	Associate Professor	Ph.D (CSE)	12-05-2022	0.2	14.10	15	Yes
10	Dr. Ramu Kuchipudi	Associate Professor	Ph.D (CSE)	8-6-2022	0.2	19.6	19.8	Yes
11	Mr. D. Jayaram	Assistant Professor	M.Tech (CSE)	01-11-2000	22	2	24	Yes
12	Ms. K. Sugamya	Assistant Professor	M.Tech (CSE)	28-07-2004	18	5	23	Yes
13	Ms. A. Sirisha	Assistant Professor	M.Tech (CS)	10-09-2004	17.10	0.3	18	Yes
14	Dr. M. Trupthi	Assistant Professor	Ph.D (CSE)	07-10-2004	17.09	1	18.9	Yes

Dr. S. P. Reddy

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Prof

Dr. K. Ramesh Babu



15	Ms. E. Rama Lakshmi	Assistant Professor	M.Tech (CS)	18.07.2005	17	3	20	Yes
16	Ms. K.NVS. Sridevi	Assistant Professor	M.Tech (CS)	31.01.2010	14	2	16	No
17	Ms. K. Swathi	Assistant Professor	M.Tech (CSE)	28.08.2006	16	1	17	Yes
18	Dr. T. Prathima	Assistant Professor	Ph.D (CSE)	13.09.2005	17	0	17	Yes
19	Dr. B. VeeraJyothis	Assistant Professor	Ph.D (CSE)	26-06-2007	15	7	22	Yes
20	Mr. V.Santhosh	Assistant Professor	MTECH (CSE)	19.12.2011	10.7	2	12.7	Yes
21	Mr. K.Gangadhara Rao	Assistant Professor	MTECH (CS)	07.11.2007	15	0	15	Yes
22	Ms. T. Satya Kiranmai	Assistant Professor	M.TECH (SE)	24-7-2018	4	9	13	Yes
23	Ms. Kratika Sharma	Assistant Professor	MTECH (IT)	28-6-2018	4.1	3	7.1	Yes
24	Mr. U.Sai Ram	Assistant Professor	MTECH (CSE)	24-7-2015	07	1	8	Yes
25	Dr. Pragathi Priyadarshinee	Assistant Professor	Ph.D (CC)	21.08.2019	07	7	14	No (30.06.2021)
26	Mr. S. Rakesh	Assistant Professor	MTECH (SE)	16.03.2016	07	4	11	Yes
27	Ms. B. Swathi Sowmya	Assistant Professor	M.Tech (CS)	18.06.2018	04	04	8	Yes
28	Ms. B.Surya Samantha	Assistant Professor	M.Tech (SE)	03.02.2017	4	8	12	No
29	Ms. Y. Gnyana Deepa	Assistant Professor	M.Tech (SE)	28.06.2018	3	8	11	No (24.12.2021)

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30	Mr. K. Rajesh Kannan	Assistant Professor	M.E (CSE)	28.06.2018	04	06	10	Yes
31	Mr. P. Vasanth Sena	Assistant Professor	M.Tech (CS)	18.06.2018	04	12	16	Yes
32	Mr. R. Govardhan Reddy	Assistant Professor	M.Tech (CSE)	13.02.2017	5.5	1.8	7	Yes
33	Ms Deepa R	Assistant Professor	M.Tech (NIE)	26.06.2019	2	8	10	No (20.07.2021)
34	Mr. R. Sai Venkat	Assistant Professor	M.Tech (CSE)	21-02-2022	1.5	0	1.5	Yes
35	Mr. G. Srikanth	Assistant Professor	M.Tech (CSE)	01-03-2022	1.4	0	1.4	Yes
36	Ms. I. Sucharitha	Assistant Professor	M.Tech (IT-CNIS)	22-03-2021	1.4	0	1.4	Yes
37	Ms. V. K. Aravinda	Assistant Professor	M.Tech (CSE)	22-03-2021	1.4	6.4	7.8	Yes
38	Ms. A. SriLakshmi	Assistant Professor	M.Tech (CSE)	25-03-2021	1.4	8.9	10.1	Yes
39	Mr. N. Shiva Kumar	Assistant Professor	M.Tech (CSE)	02-11-2021	0.9	6.6	7.8	Yes
40	Ms. P. Kiranmaie	Assistant Professor	M.Tech (CSE)	8-11-2021	0.9	5	5.9	Yes
41	Mr. B. Harish Goud	Assistant Professor	M.Tech (IT-CNIS)	08.12.2021	0.8	5.5	6.1	Yes
42	Ms. S. Shoba Rani	Assistant Professor	M.Tech (SE)	07-03-2022	0.5	16.3	16.8	Yes
43	Ms. T. Madhuri	Assistant Professor	M.Tech (CSE)	14-03-2022	0.5	8.8	9.1	Yes
44	Mr. Sachin Kumar	Assistant Professor	MS (CSE)	16.04.2022	0.5	8.6	9	Yes

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I.K. RAJESH KANNAN

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45	Ms. K. H. Vijaya Kumari	Assistant Professor	M.Tech (SE)	01-06-2022	0.2	10	10.2	Yes
46	Ms. Sheena Mohammed	Assistant Professor	M.Tech (SE)	20-06-2022	0.1	12	12.1	Yes

### Student-Faculty Ratio (SFR) – UG

Description	CAY(2021-22)
Total No. of Students in the Department(S)	540 (S) (UG)
No. of Faculty in the Department(F)	25 (F)
Student Faculty Ratio(SFR)	21.6 SFR=S/F

### Student-Faculty Ratio (SFR) - PG

Description	CAY(2021-22)
Total No. of Students in the Department(S)	36 (S) (PG)
No. of Faculty in the Department(F)	03 (F)
Student Faculty Ratio(SFR)	12 SFR=S/F

01/08/2022

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I.K. RAJESH KANNAN

Part II - Academic Information  
Academic Audit 2021-22

3 Details of Supporting Staff

- (a) Lab Assistants : -  
 (b) Technicians : 01  
 (c) Programmers : 02  
 (d) Assistant Programmers : -  
 (e) Computer Operators : 02  
 (f) Skilled Assistants : -  
 (g) Attenders : 02

S.No	Name of the supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute / Industry)	Total Experience
1	Smt. K.Madhavi	SPP-IA-Programmer	M.Sc. (Appl.Maths), PGDCA	16.08.1996	26 Years	4 Years	30 Years
2	Smt.B.Kavitha	Programmer	M.Tech(CSE)	07.12.2000	21 yrs. 7 months	4.8 years	26.3 Years
3	Smt. K. Kalpana	Spl.Gr.Tech. Gr.-II	M.Com., DCA	16.08.1987	35 years	-	35 Years
4	Sri.G.V.Kishore	Computer Operator	M.Tech	11.08.2014	8 Years	2 Years	10 Years
5	Smt.T.Vijaya	Computer Operator	MCA	06.09.2017	4 yrs. 11 months	-	4.11 Years

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**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**Infrastructure Details Lab Details as on 10-08-2022**

**1. Lab wise System Details**

S. No	Lab Name	System Configuration	Quantity	Date of Purchasing/Receiving	Cost in Rs.
1	IT Lab 1	Dell Optiplex 3060 i7/8/1/1TB/20"/W10/3YW	28	11/01/2019	16,58,400
		HP Desktop Core i7-3770/ 8 GB RAM / 1TB HDD/ DVD-RW/DOS/3-3-3,HPLV1911 18.5" LED/LCD monitor	04	05/09/2015	1,94,000
2	IT Lab 2	Dell Optiplex 3060 i7/8/1/1TB/20"/W10/3YW	27	11/01/2019	15,43,900
		HP Desktop Core i7-3770/ 8 GB RAM / 1TB HDD/ DVD-RW/DOS/3-3-3,HPLV1911 18.5" LED/LCD monitor	05	05/09/2015	2,42,500
3	IT Lab 3	Dell Optiplex 3060 i7/8/1/1TB/20"/W10/3YW	27	11/01/2019	13,65,616
		HP Desktop Core i7-3770/ 8 GB RAM / 1TB HDD/ DVD-RW/DOS/3-3-3,HPLV1911 18.5" LED/LCD monitor	05	05/09/2015	2,42,500
4	IT Lab 4	Dell OptiPlex 3050 MT i7 Model Intel Core i7-7700 3.6 GHz 7th Gen Processor , 16GB RAM, 1 TB HDD 7200 RPM SATA, No DVD, 18.5" LED Monitor, Keyboard & Mouse, DOS , 3 Years Warranty	24	12/06/2017	12,40,625
		HP Desktop Core i7-3770/ 8 GB RAM / 1TB HDD/ DVD-RW/DOS/3-3-3,HPLV1911 18.5" LED/LCD monitor	07	08/01/2014	3,39,500

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	LINUX SERVER	HP Server: Intel Quad Core Xeon E 5410 Processor, 2x6 MB Cache, 8 GB DDR 2, 667 MHz ECC RAM, 3x 146GB Hard Disk (SAS), RAID 5 Controller, 17" CRT Monitor, DVD-RW Drive 48x Max speed, USB to PS/2dongle Cable, Integrated Dual Broadcom Gigabit Network Card, Chassis- Tower Orientation for Power edge 2900, USB Keyboard, Optic Mouse Scroll, 930W Redundant Power Supply.	01	07/01/2009	1,72,000
	ORACLE SERVER	Dell Power Edge T610 Intel2S Server: Inter Quad Core E5506 Xeon Processor, TPM Mother Board for T610, 2.13GHz, 4MB Cache, 16 GB 1333 MHz RDIMMs, 4x 300GB HDD (SAS), RAID 5 Controller, 19" LCD Flat Monitor, DVD-RW Drive 16x Max speed, 5709C Dual port Gigabit Ethernet, USB Keyboard, Optic Mouse Scroll, 570W Redundant Power Supply.	01	20/07/2011	1,69,000
5	IT Lab 5	Dell OptiPlex 3050 MT i7 Model Intel Core i7-7700 3.6 GHz 7th Gen Processor , 16GB RAM, 1 TB HDD 7200 RPM SATA, No DVD, 18.5" LED Monitor, Keyboard & Mouse, DOS , 3 Years Warranty	25	12/06/2017	12,40,625
		HP Desktop Core i7-3770/ 8 GB RAM / 1TB HDD/ DVD-RW/DOS/3-3-3,HPLV1911 18.5" LED/LCD monitor.	07	08/01/2014	3,39,500
6	M.Tech (AI&DS) IT Lab 6	HP Desktop Core i7-3770/ 8 GB RAM / 1TB HDD/ DVD RW/DOS/3-3-3,HPLV1911 18.5" LED/LCD monitor	30	28/05/2021	13,59,296
		HP 3330 Desktop Core i7-3770/ 8 GB RAM / 1TB HDD/ DVD-RW/DOS/3-3-3, HPLV1911 18.5" LED/LCD monitor	01	08/01/2014	46,147
7	Class Rooms	DELL OptiPlex Desktop with Intel core i3-550, 3.2GHz, 4MB Cache, 2GB DDR 3 RAM/320GB SATA HDD, Keyboard, Optical Mouse, 18.5" TFT Monitor	06	01/04/2011	1,42,518

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8	HoD	Dell OptiPlex Intel Core i5-8400 CPU 2.80 GHz 8th Gen Processor, 8GB RAM, 1 TB HDD, No DVD, 18.5" LED Monitor, Keyboard & Mouse, DOS , 3 Years Warranty	01	17/09/2018	51,920
9	HoD Office	HP 3330 Desktop Core i7-3770/ 8 GB RAM / 1TB HDD/ DVD-RW/DOS/3-3-3,HPLV1911 18.5" LED/LCD monitor	01	08/01/2014	48,773
10	Staff	Dell OptiPlex 3050 MT i7 Model Intel Core i7-7700 3.6 GHz 7th Gen Processor , 16GB RAM, 1 TB HDD 7200 RPM SATA, No DVD, 18.5" LED Monitor, Keyboard & Mouse, DOS, 3 Years Warranty	02	12/06/2017	99,250
		Dell OptiPlex Intel Core i5-8400 CPU 2.80 GHz 8th Gen Processor, 8GB RAM, 1 TB HDD, No DVD, 18.5" LED Monitor, Keyboard & Mouse, DOS , 3 Years Warranty	05	17/09/2018	2,59,600
		HP 400 G7 Desktop Core i5-10500/16 GB/1 TB/USB KB& Mouse	30	28/05/2021	13,59,296
<b>Total Systems</b>			<b>237 ( with 2 Servers)</b>		

## 2. Lab Wise Printer Details

S. No	Lab Name	Printers Details	Quantity	Date of Purchasing/ Receiving	Cost in Rs.
1	IT Lab 1	HP LaserJet 1018 Printer	01	09/08/2007	5,200
2	IT Lab 3	HP LaserJet 1020 Printer	01	01/04/2011	5,528
3	M.Tech (CNIS) IT Lab 6	HP LaserJet 1020 Printer	01	01/04/2011	5,528
4	Head	Hp LaserJet M1005 MFP	01	17/08/2017	16,350
5	Head Office	HP LaserJet 1020 Plus	01	17/08/2017	9,650
<b>Total Printers</b>			<b>05</b>		<b>42,253</b>

### 3. Lab Wise Electrical Equipment

S. No	Lab Name	Electrical / Network Accessories	Quantity	Date of Purchasing/ Cost
1	IT Lab 1	Air Conditioners	02	3,45,000
		UPS 30KVA -Power In (Shared among lab 1,2 &3)	01	2,79,300
		LCD Projector	01	50,000
2	IT Lab 2	Air Conditioners	02	3,45,000
		LCD Projector	01	50,000
3	IT Lab 3	Air Conditioners	02	3,45,000
		LCD Projector	01	50,000
4	IT Lab 4	Air Conditioners	02	3,45,000
		UPS - 10 KVA	01	1,15,000
		LCD Projector	01	50,000
5	IT Lab 5	Air Conditioners	02	3,45,000
		UPS - 10 KVA	01	1,15,000
		LCD Projector	01	50,000
6	IT Lab 6	Air Conditioners	02	3,45,000
		UPS - 10 KVA	1	65,100
		LCD Projector	01	50,000
7	IT labs	24 Port Switch Cisco	12	1,59,000
		6U Wall Mounted Rack	6	25,800
				<b>31,29,200</b>

Head, IT Department.



Parent feedback

Parent Name	Occupation/Designation:	Year of Joining of your ward:	Program (B.E./M.Tech):	To be a center of excellence in the field of	M1: To impart state-of-the-art value	collaborate with industries and research	impart students with skills required	provide students with effective problem	program inculcates professional	graduating students of Informatics	tural facilities (classrooms, labs and)	facilities (canteen, sports, transport and Medical)
Shaik Nanne Saheb	Manager	2018	BE	High	High	High	High	High	High	High	Excellent	Good
Anand kumar Chitakod	Gazetted Headmaster	2018	B.E	High	High	High	High	High	High	High	Good	Good
Manda Kanakaiah	Singareni Employee	2019	be	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Satisfactory	Poor
G R Rao		2016	BE	Medium	High	Medium	Low	Medium	Medium	Medium	Good	Satisfactory
M Padmasree		2017	B.E	High	High	High	High	High	High	High	Satisfactory	Satisfactory
Srinivas Varma Chekur	Business	2018	B.E	High	High	High	High	High	High	High	Good	Good

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Examination and Evaluation process	Accessibility of faculty	Quality of Teaching Learning Process	Student's personality development of your ward	Student's Attendance and Academic	Participation in curricular and Co-Curricular activities	Encouragement of Industry and Institute Interaction (Internship, Hackathon, Webinars and Online courses)	Ability in social responsibility	Students' trend setters	PSO 1: Acquire knowledge to pursue	Develop professional skills in the thrust	Contribute to the growth of the nation
Good	Excellent	Excellent	Good	Excellent	Good	Excellent	High	High	High	High	High
Excellent	Good	Good	Good	Good	Good	Good	High	High	High	High	High
Satisfactory	Satisfactory	Good	Satisfactory	Satisfactory	Good	Satisfactory	Medium	Medium	Medium	Medium	Medium
Good	Good	Good	Excellent	Excellent	Satisfactory	Good	Low	Low	High	High	High
Satisfactory	Satisfactory	Satisfactory	Satisfactory	Good	Satisfactory	Satisfactory	High	High	High	High	High
Good	Good	Good	Good	Good	Good	Good	High	High	High	High	High

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Employer Survey:

Name of the Company:	Name of the Employer:	Designation:	How long have you known our graduate?	Vision of the Department:	M1: To impart state-of-the-art value based education in the field of Information Technology.	M2: To collaborate with industries and research organizations and excel in the emerging areas of	M3: To imbibe social responsibility in the students.	M4: To motivate students to be trend setters and technopreneurs.	PSO 1: Acquire knowledge to pursue higher studies in specializations like Computers.	PSO 2: Develop professional skills in the thrust areas like image processing.	PSO 3: Contribute to the growth of the nation by providing IT enabled solutions.	PEO - 1: To impart student skills required to analyze real world problems using	PEO - 2: To provide students with effective problem solving skills which	PEO - 3: This program inculcates professional ethics, communication skills, zeal for lifelong learning and adaptability
Tata Consultancy Serv	Dhiraj Kumar Upadhyay	Project Lead	2 years	high	medium	medium	medium	high	low	low	medium	medium	low	medium
Delhivery pvt ltd	Bojja Sri Rameswara M	Senior Manager	2 years	high	high	high	high	high	high	high	high	high	high	high
Hh	Hh		4											
Kriti social initiatives	Bharath	Education coordinator	1 year	high	high	high	high	high	high	high	medium	high	high	high
JP Morgan Chase and Infosys Limited	JPMC Praveen Mehtha	Associate Software Engineer Technical Test Lead	3 years 2 years	high high	high high	medium high	medium high	high high	high high	high high	medium high	high high	high high	high high
DELOITTE TAX SERV	DELOITTE TAX SERV	Technology Manager	1 year	medium	medium	medium	medium	medium	medium	medium	medium	high	low	high
Infosys Ltd.	Abhilash Kamma	Senior Consultant	2 years	high	high	high	high	high	high	high	high	high	high	high
Micron Technology, Inc	Ananth Nibhanupudi	IT Agile Lead	1 year 2 months	high	high	high	high	high	high	high	high	high	high	high
Micron	anil kumar	Software Engineer	1 year	high	high	high	high	high	high	high	high	high	high	high

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PEO - 4: The graduati ng students of Informati on Technol ogy will be enriched with professio nal leadershi p	1. Effec tively appl y Engi neeri ng Know ledge in their profes sion (PO 1,2)	2. Complex Problem solving skills(PO 3,4)	3. Innov ative Thinki ng(PO 4)	4. Learnabi lity & Adaptabi lity (PO 12,5)	5. Ethic al & social ly respo nsible engin eer (PO8 ,6)	6. Develop environm entally and economic ally sustainab le solutions (PO7, PO11)	7. Ability to work in Multidis ciplinar y teams (PO9)	8. Commu nication & Interpers onal Skills (PO10)	9. On Job Perform ance	10. Do mai n/Ar ea our Alu mni are wor king	11. Skills and Qualities that you seek in your future recruitments	Name(s) of the Graduate working in your company	Suggest few Courses that suits to Industrial needs, for updating the Curriculum
medium	4	4	4	3	2	2	3	2	3	4	3	Vasudeva Gudimalla	
high	4	4	4	4	4	4	4	4	4	4	4	Chandrabhas Reddy	
high	4	3	3	3	3	4	4	4	3	3	4	Mandapati Fg	
high	3	3	4	4	4	4	4	4	4	4	3	Manisha maddi	Python, basics of data science ,hands on(labs)
high	3	4	3	3	4	3	4	4	4	3	4	Sindu Pabba	None visualize big picture, courses on real time issue, and when it is fully complete, more on applying the knowledge what they already have
medium	3	3	2	4	4	3	3	3	3	3	3	Sona Gudur	
high	4	4	4	4	4	4	4	4	4	4	4	Raviteja Male	Psychology of Learning and Adaptability to change Management, Cloud and Its Dynamics, Geo-political economics, to name a few.
high	4	4	4	4	4	4	4	4	4	4	4	Sushma Kumbham	N/A
high	4	4	4	4	4	4	4	4	4	4	4	Mithula Reddy	Robotic process automation

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# ALUMNI SURVEY

Name	Year of graduation	Name of the Organization (Currently associated)	Designation	Domain	Technology	Overall academic experience at CBIT	Overall academic experience in your Department or Programme	curricular/ Extra-curricular activities (Shruthi, Sudheer/Teasty, NSS,
Praveen Kumar vadthy	2020	Infosys	Digital Engineer Specialist	Cloud	Azure	3	3	2
Sneha Pasupula	2020	Oracle pvt Ltd	Applications Developer	Cloud technologies , java and devops	Java	3	3	2
Pavan Kalyan Gudigan	2020	New Jersey institute of	Student	Computer science	Software	3	3	3
Sama Yadavendra red	2020	Deloitte		Finance	Sql	3	2	2
Vanitha Kunta	2020	GE Appliances	Associate Developer	IT	MuleSoft, AWS	3	3	3
Priyanka	2020	Cognizant	Program Analyst	CDB-AIA	Abinitio	3	3	3
Billa sanjay	2020	Massmutual global bus	Analyst, technology del	Full stack	Java	3	3	3
K Sai Ruthwik	2020	Oracle Netsuite	Software Developer	Web development	Javascript	2	2	2
Prathyush Kruthiventi	2020	Constella Intelligence	Associate Data Scientist	<a href="https://constellaintelligence.com">https://constellaintelligence.com</a>	Data science	2	2	1
V.Hyndavi	2020	Delhivery	Software developer	Movement tracking	Aws and servi	3	3	3
Mulukala Sai Divya	2020	Accenture	Associate software engnt	Application development	Angular	3	3	3
Aiswarya Jayanthi	2020	Hult international busin	Student	Masters	Business anal	3	3	3

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	We request you to rate the VISION of our Department	M1: To impart state-of-the-art value based education in the field of Information Technology.	collaborate with industries and research organizations and excel in the emerging areas of research.	M3: To imbibe social responsibility in students	motivate students to be trend setters and technopreneurs	PO1: Engineering Knowledge	PO2: Problem Analysis	PO3: Design / Development of Solutions	PO4: Conduct Investigations of Complex Problems	PO5: Modern tool usage	PO6: The engineer & society	PO7: Environment and sustainability
List the top 5 Subjects of your Programme which helped in your career												
C, C++, Java, Data structures, Sql	3	2	2	3	2	3	3	3	3	3	3	3
Data structures and algorithms												
C, C++ and Java												
Software engineering	3	3	3	3	3	3	3	3	3	2	2	2
Web technologies												
Shell scripting												
Data structures, C, Operating systems, Database, Design and	3	3	3	2	2	3	2	2	2	2	2	3
Data structures and Algorithms												
Object oriented programming												
Database systems	3	2	2	2	2	2	3	2	2	3	2	2
Digital image processing operations management												
Data Structures, DBMS, Python, Java, Software Engineering	3	3	2	2	2	3	3	3	3	2	2	2
Big data												
Data structures												
Data Mining												
Artificial intelligence												
Java programming	3	3	3	3	3	3	3	3	3	3	3	3
C, cpp, data structures and algorithms, java, database	3	3	3	3	3	3	3	3	3	3	3	3
DS, OOPS, Database systems, Web development, DAA	2	2	2	2	2	2	2	2	2	2	2	2
Data structures, fundamentals of ds, Data mining, mini projects	2	3	3	2	3	2	2	2	1	2	2	1
Data structures, OOPS, OS, CN, programming, data structures, DBMS, web technologies, operating system	3	3	2	2	2	3	2	3	2	2	2	2
Data mining, Data structures, Information systems, Software engineering, Programming and	3	3	3	3	3	3	3	3	3	3	3	3

*cap*

*M*

	PO8: Ethics	PO9: Individual & team work	PO10: Communication	PO11: Project management and finance	PO12: Lifelong learning	Analyze and provide solutions for real world problems using state-of-the-art engineering.	Exhibit professional leadership qualities and excel in skills	Demonstrate human values, professional ethics, skills	Contribute to the research community and develop solutions to meet	Contribute to the growth of the nation by providing IT enabled solutions	Develop professional skills in the thrust areas like Computer Networks, Image Processing,	higher studies in specializations like Artificial Intelligence, Data Science, Cyber Security and Software Engineering in	you think your degree programme at CBIT has prepared you for your chosen career?
3	3	3	3	3	3	3	3	3	3	3	3	3	
3	3	3	3	3	3	3	3	3	3	3	3	2	5
3	3	3	3	3	3	3	3	3	3	3	3	3	4
2	2	2	2	2	2	2	2	2	2	2	2	3	
3	3	3	3	3	3	3	3	3	3	3	3	3	4
3	3	3	3	3	3	3	3	3	3	3	3	3	5
3	3	3	3	3	3	3	3	3	3	3	3	3	4
2	2	2	2	2	2	2	2	2	2	2	2	2	
1	3	3	2	2	2	2	2	2	2	2	2	3	2
2	2	2	2	2	2	2	2	2	2	2	2	2	
3	3	3	3	3	3	3	3	3	3	3	3	3	5
3	3	3	3	3	3	3	3	3	3	3	3	3	5

*M*

*Red*

**CHAITYANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART - I: PRELIMINARY INFORMATION**

1. Name of the Department : Chemical Engineering
2. Date of Visit : 11-08-2022
3. Members of the Audit Committee : Prof. P. Srinivasa Sharma, Advisor SA&P  
Prof. S. China Ramu. CSED

**PART -II: ACADEMIC INFORMATION**

Sl. No	Particular	Remark		
1	(a) Courses Offered: <u>View File</u>			
	Name of the Program	Intake		
	B.Tech Chemical Engineering	60 ✓		
	Year of Commencement of the program	1995		
	(b) Availability of Time Tables : Time Table File available			
	(i) Consolidated Time Tables ✓			
	(ii) Class Time Tables ✓			
	(iii) Individual Faculty Time Tables			
	(iv) Laboratory wise Time Tables ← <i>Monitoring, Maintenance, (Study R&amp;D) Consulting hours not strictly followed. * Vacant hours, utilized for some theory classes/taught orally informed to principal to principal</i>			
	(v) Individual Non-Teaching/Faculty Time tables. <i>Lab. hours utilized in one term: overutilized (by R-20) it is taken care of)</i>			
	(vi) Calender <i>(only Academic) Academic Calender could not be evidenced.</i>			
2	Faculty Information: <u>View File</u>			
	Required	Available		
		Regular	Contract	
	Professors	01	Nil ✓	Nil ✓
	Associate Professors	Nil	01	02 * <i>(one joined in June 2022)</i>
	Assistant Professor	02 <i>Nil *</i>	07 (*4)	01 (*1)
	Total (1:15)	1:18 <i>* A</i>		
(a) Faculty members with				
(i) Ph.D qualification : 15			<i>9 only</i>	
(ii) Post Graduation Qualification: 01			<i>2 only</i>	
(iii) Any Other (specify) : --				
(b) FSR Ratio (UG) : 1:18 PG: NA			<i>* On an Average only 10 were existing in the dept at any time</i>	
(c) Teaching Experience (within CBIT) of the Faculty in the Department:				
Tenure	No. of Faculty			
More than 15 Years	05 ✓		<i>(Dr Prasanna, Dr NLA, Dr Bala, Dr Lakshmi)</i>	
Between 8 to 15 Years	01		<i>(Dr Prasanna)</i>	
Between 10 to 8 Years	07		<i>(Including those who left during the year)</i>	
Below 1 Year	03		<i>(Dr Prasanna &amp; 3 new joined)</i>	

*Lab usage  
↓  
Vacant hours of lab are used for some theory classes with the oral permission of Principal*

*This number was including all those who joined and left within that year (2021-22)*

*\* Again here also total number (including all those who joined, stayed for a brief period and left) was shown*

*16) → Not reported correctly \*  
00 promised to report back again*



(d) Consolidated Experience of the teaching faculty considering outside experience. (Not available)

*promised to provide these details later available and presented the evidence*

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	--	--	--	--	--	--	--

3 Details of Supporting Staff: View file

- (a) Lab Assistants: Nil
- (b) Technicians : 03 *(Gr-I-2, Gr-III-1)*
- (c) Programmers: Nil
- (d) Assistant Programmers: Nil
- (e) Computer Operators: Nil
- (f) Skilled Assistants: Nil
- (g) Attenders: 01

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1	--	--	--	--	--	--	--

4 (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus: View File a

*(R-20-3rd & 4th Sem, Chemical Tech. Introduced) → 3 Credits*  
*New elective - Food processing Technology - 4th Sem*

(b) Evidences of syllabus for UG and PG Programs: View File

5 (a) Report on three level Internal Audit Committee Findings and Action taken :

Description	Availability of Internal Audit Findings Report	Availability of Action taken Report
Audit I	Reports are submitted to the Director IQAC	Reports are submitted to the Director IQAC
Audit II	Reports are submitted to the Director IQAC	Reports are submitted to the Director IQAC
Audit III	Pending	--

(b) Report (with evidences) on supplementary Teaching Tools / ICT : View File

(c) Any Other relevant information: Nil

6 (a) Report on Laboratory-wise Facilities with the following data: View File

- (i) Equipment /Software Details
- (ii) Procurement of additional equipment / Software (in the current academic year if any): Nil *(Proposals submitted)*

(b) Report on Consolidated Computing facilities in the Department

- (i) Number of PCs: 30 *(27 + 3 were given to individual faculty with the oral permission from principal)*
- (ii) List of the Software/ Software packages/Simulation Tools: MATLAB, ASPEN
- (iii) No of Printers available: 03 *(4th man - 2 (1 Mozarak), 1st office - 1)*

(c) Availability of updated Stock Registers: 06 (available)

	(d) Adoption of safety measures in the Department: <a href="#">View File</a>																		
7	<p>Report on Faculty Improvement/Enrichment Programmes :</p> <p>(a) FDP /STTP/Workshops/Seminars organized by the Department : Workshop-01 (<a href="#">View File</a>), Symposium-01 (<a href="#">View File</a> <a href="#">View File</a>) (MAT LAB exclusively for Chem. Engineers).</p> <p>(b) Conferences organized by the Department: Nil</p> <p>(c) FDP /STTP/Workshops/Seminars attended by the faculty: 27 (<a href="#">View File</a>)</p> <p>(d) Conferences attended by the Faculty: 03</p> <p>(e) Any Other relevant information: Book Chapter-01 (<a href="#">View file</a>)</p>																		
8	<p>(a) Report on Research Publications: <a href="#">View File</a></p> <p>(i) No. of publications in Journals</p> <ul style="list-style-type: none"> <li>National : Nil</li> <li>International: 08</li> </ul> <p>(ii) No. of publications in Conferences</p> <ul style="list-style-type: none"> <li>National : 07</li> <li>International: 01</li> </ul> <p>(b) Report on Patents/ copyrights/Industrial Designs : NIL</p> <p>(i) Published: NA</p> <p>(ii) Granted: NA</p>																		
9	<p>(a) Report on Ongoing Research/Sponsored Research Project Details:</p> <table border="1"> <thead> <tr> <th>Title</th> <th>Name of PI and Co-PI</th> <th>Funding Agency</th> <th>Amount in Rs</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td colspan="5" style="text-align: center;">NIL</td> </tr> </tbody> </table> <p>Any Other relevant information: NIL</p> <p>(b) Report on Consultancy Details: NIL</p> <table border="1"> <thead> <tr> <th>Name of Faculty (Chief Consultant)</th> <th>Client Organization</th> <th>Title of Consultancy Project</th> <th>Amount Received (in Rupees)</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">NIL</td> </tr> </tbody> </table> <p>Any Other relevant information: Nil</p>	Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status	NIL					Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)	NIL			
Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status															
NIL																			
Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)																
NIL																			
10	<p>Report on Student Projects and their outcomes in terms of publications/ IPR (CAYm1)</p> <p><a href="#">View File</a></p> <p>(a) UG: 03</p> <p>(b) PG : NA</p>																		
11	<p>Report on MoUs and Ongoing /Completed Activities</p> <ol style="list-style-type: none"> <li>Green-waves Environmental Solutions, Visakhapatnam. <a href="#">View 3</a></li> <li>Biosephia Organics, Hyderabad. <a href="#">View 4</a></li> </ol>																		

12 Report on Library, Internet & other facilities:

(a) Library and Information Centre

(Furnish Programme-wise Details):

- (i) Number of Titles: 1047
- (ii) Total volumes of Books: 5111
- (iii) Number of Journals: 6
- (iv) Online Journals Subscriptions: 12
- (v) Online e-books Subscriptions: 50
- (vi) Any other item: NIL

*reported to be  
these are available  
in the Main Library*

(b) Department Library: View 12b

(Furnish Programme-wise Details):

- (i) Number of Titles: 94
- (ii) Total volumes of Books: 94

(c) Internet Connectivity: Available

13 Report on Placement, Internship and Training activities:

(a) Placement Activities: View File

- (i) Number of companies Visited: 39 (*core - Nil -*)
- (ii) Number of Students Placed: 39
- (iii) Highest Salary offered: 7.6 LPA (*to be evidenced*)
- (iv) Average salary offered: 5 LPA
- (v) Median Salary offered: 5.5 LPA

(b) Internship Activities: View File

- (i) Number of Organizations offered Internships : 17
- (ii) Number of Students carried out Internships : 58+15+15 (Sem 3+6+8)
- (iii) Number of Internships carried out with stipend: 13
- (iv) Total Number of <sup>types of</sup> Internships: 05 (Industry, IT sector, NPTEL, In-house workshop, IChE)
- (v) Highest Stipend offered : Rs. 20,000/- (*to be evidenced*)

(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre/your Department: View File1 View File2 (*to be evidenced*)

14 CAYmI

(a) Report on overall Results (B.E/B.Tech)

ACY-21-22 (CAYmI)

- (i) Report on overall Results (B.E/B.Tech)
- (i) Overall Pass Percentage: 78.85

*online  
93.62*

(ii) Percentage of Distinctions:44.23

(iii) Percentage of First Classes:34.62

Note : Report on CO and PO attainments are to be evidenced:

<https://docs.google.com/spreadsheets/d/1hZ7IGv6nGu-4tYQyy-8-sR3r0moeKDaR/edit?usp=sharing&ouid=105672260688567317886&rtpof=true&sd=true>

(b) Report on Semester wise results (B.E/B.Tech)

- I Semester Pass % 68.83 — 79.55
- II Semester Pass % :88 — 93.18
- ↑ III Semester Pass % : 98.11 — 62.39
- IV Semester Pass % 100 — 93.48
- V Semester Pass % :98.18 — 87.23
- VI Semester Pass % :100 — 93.62
- VII Semester Pass %:100 — 82.58
- VIII Semester Pass % :96.3 — 92.87

Mr. Shushan.  
 ↑ (Roll no. 30)  
 Final year production  
 BYRUST student  
 Pramy - Summer of  
 Tech an  
 Sports + Dhruv.  
 Vishnu Revanth  
 @Bund Redf.

15 Report on Co-Curricular and Extra-Curricular Activities (with evidences): View File

16 (a) Report on Stakeholder's feedback: View File

Evidences of Feedback reports and action proposed/taken for: View File

- (i) Program exit survey
- (ii) Course exit survey - (to be evidenced)
- (iii) Alumni - presented evidence
- (iv) Employers -
- (v) Parents -

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :

17 Report on Minutes of meetings and also on action taken/initiated respectively: View File

- (a) Board of Studies ✓
- (b) Department Advisory Board (yet to be formed with external members)
- (c) Department Research Committee ✓
- (d) Programmatic Assessment and Quality Improvement Committee (yet to be formed)
- (e) Course Expert Group ✓
- (f) Common Course Committee X
- (g) Multiple Course Committee X
- (h) Any other Academic Committee X

18 Report on Student mentoring and counseling process with evidences : Available

1) Counseling notes not written  
 2) Discovery sheet not completed  
 3) Hard copies requested by state students

19 Report on Infrastructural Details of the Department : View File

(a) Class rooms/ Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc

S.No	Description	Hall/Room Numbers	Area (inSq mts)
I.	Class Room	A201	XXXX

(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/

(adequate)  
 3 class room  
 1 computer.  
 sharing with Biotech  
 1 LCD



	Laboratories: 04.	
	(c) Information on any other Teaching Aids: NIL.	
20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: <a href="#">View file</a> <a href="#">View File</a>	
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same: <a href="#">View File</a>	
22	Any other Relevant information : <input checked="" type="checkbox"/> Mr. G. Bhushan from 8 <sup>th</sup> Sem received "Padmasri Dr. B Raju Memorial Best Merit Student Award", Organised by IChE- HRC on 02-07-2022. He Represented Student Chapter, CBIT. <a href="#">View file</a>	<p>(Mainly more number of electives were requested)</p> <p>* → That was addressed with 15 out of 100 strength for electives</p>

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Prof. P. Srinivasa Sharma Advisor SA&P		11/08/2022
Prof. S. Chinu Ramu, CSED		11/08/22

Signature of HoD

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

Academic and Administrative Audit Form (For the Departments)  
 Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)

**PART - I: PRELIMINARY INFORMATION**

- 1. Name of the Department : Biotechnology
- 2. Date of Visit : 11/8/22
- 3. Members of the Audit Committee :

- (i) Prof. Sreenivas Salma. P.
- (ii) Dr. Chinakamu. S.

**PART - II: ACADEMIC INFORMATION**

Sl. No	Particular			Remarks
1	(a) Courses Offered	Intake	Year of Commencement of the program	Files * <u>lecter of</u> <u>Entry is not</u> <u>there for them</u>
	B.Tech Biotechnology	60	2005	
2	(b) Availability of Time Tables :			Files
	(i) Consolidated Time Tables <u>available</u> (ii) Class Time Tables <u>available</u> (iii) Individual Faculty Time Tables <u>Available</u> (iv) Laboratory wise Time Tables <u>Missing (Not available)</u> (v) Individual Non-Teaching/Faculty Time tables <u>Available</u> (vi) Calendar <u>Academi calendar is missing</u> <u>Early Almanacs available</u>			
Faculty Information:	Required	Regular	Available	
	01	00	00	
Professors				

Required Available Contract

Associate Professors	02	00	01
Assistant Professor	09	09	01 → Extra
Total(1:15)			

(a) Faculty members with

(i) Ph.D qualification : 10

(ii) Post Graduation Qualification:(PhD) 1

(iii) Any Other (specify) : \_\_\_\_\_

(b) FSR Ratio (UG) : 1:16.4 (140/11)

Overall [ Available - 11 ]  
 Regd. preferably [ 1 P Assoc. pr. 2/9 x 13 - 3 - 1 (ca) ]  
 1:2:6 Regd. - 11  
 1/9 x 13 - 1 - Nil  
 1 Assoc. pr. 2/9 x 13 - 3 - 1 (ca)  
 1 Assoc. pr.

(c) Teaching Experience (within CBIT) of the Faculty in the Department:

Tenure	No. of Faculty
More than 15 Years	02
Between 8 to 15 Years	02
Between 1 to 8 Years	04
Below 1 Year	03

(d) Consolidated Experience of the teaching faculty considering outside experience. ? Not provided

3

Details of Supporting Staff

(a) Lab Assistants - 0

(b) Technicians - 3

(c) Programmers - 0

(d) Assistant Programmers - 0

(e) Computer Operators - 1

(f) Skilled Assistants - 1

(g) Attenders - 2

Madhavi Lakshmi  
 Gadhya Kavitha  
 Shekhar  
 Amik  
 Ailesh  
 Mohan Lal

File

	File BoS												
	Forms available												
<p>4</p> <p>(a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus  (b) Evidences of syllabus for UG and PG Programs</p>													
5	<p>(a) Report on three level Internal Audit Committee Findings and Action taken :</p> <table border="1"> <thead> <tr> <th data-bbox="518 2105 582 2206">Description</th> <th data-bbox="518 1691 582 2105">Availability of Internal Audit Findings Report</th> <th data-bbox="518 1064 582 1691">Availability of Action taken Report</th> </tr> </thead> <tbody> <tr> <td data-bbox="582 2105 678 2206">Audit I</td> <td data-bbox="582 1691 678 2105"> <ul style="list-style-type: none"> <li>I sem (audit 2 and 3) with dept ; Audit 1 with IQAC</li> </ul> </td> <td data-bbox="582 1064 678 1691">Nil</td> </tr> <tr> <td data-bbox="678 2105 790 2206">Audit II</td> <td data-bbox="678 1691 790 2105"> <ul style="list-style-type: none"> <li>II sem (audit 2 and 3) with dept ; Audit 1 with IQAC</li> </ul> </td> <td data-bbox="678 1064 790 1691">Nil</td> </tr> <tr> <td data-bbox="790 2105 1173 2206">Audit III</td> <td data-bbox="790 1691 1173 2105"> <ul style="list-style-type: none"> <li>III sem (audit 3 ) with dept; Audit 1 ,2 with IQAC</li> <li>IV sem (audit-1,2,3) with dept</li> <li>V sem (audit-1,2,3) with IQAC</li> <li>VI sem (audit-2,3) with dept ; Audit 1 with IQAC</li> <li>VII sem (audit-1,2,3) with IQAC</li> <li>VIII sem (audit-2,3) with dept ; Audit 1 with IQAC</li> </ul> </td> <td data-bbox="790 1064 1173 1691">Nil</td> </tr> </tbody> </table> <p>(b) Report (with evidences) on supplementary Teaching Tools / ICT :LMS portal, S3 browser  (c) Any Other relevant information: Nil</p>	Description	Availability of Internal Audit Findings Report	Availability of Action taken Report	Audit I	<ul style="list-style-type: none"> <li>I sem (audit 2 and 3) with dept ; Audit 1 with IQAC</li> </ul>	Nil	Audit II	<ul style="list-style-type: none"> <li>II sem (audit 2 and 3) with dept ; Audit 1 with IQAC</li> </ul>	Nil	Audit III	<ul style="list-style-type: none"> <li>III sem (audit 3 ) with dept; Audit 1 ,2 with IQAC</li> <li>IV sem (audit-1,2,3) with dept</li> <li>V sem (audit-1,2,3) with IQAC</li> <li>VI sem (audit-2,3) with dept ; Audit 1 with IQAC</li> <li>VII sem (audit-1,2,3) with IQAC</li> <li>VIII sem (audit-2,3) with dept ; Audit 1 with IQAC</li> </ul>	Nil
Description	Availability of Internal Audit Findings Report	Availability of Action taken Report											
Audit I	<ul style="list-style-type: none"> <li>I sem (audit 2 and 3) with dept ; Audit 1 with IQAC</li> </ul>	Nil											
Audit II	<ul style="list-style-type: none"> <li>II sem (audit 2 and 3) with dept ; Audit 1 with IQAC</li> </ul>	Nil											
Audit III	<ul style="list-style-type: none"> <li>III sem (audit 3 ) with dept; Audit 1 ,2 with IQAC</li> <li>IV sem (audit-1,2,3) with dept</li> <li>V sem (audit-1,2,3) with IQAC</li> <li>VI sem (audit-2,3) with dept ; Audit 1 with IQAC</li> <li>VII sem (audit-1,2,3) with IQAC</li> <li>VIII sem (audit-2,3) with dept ; Audit 1 with IQAC</li> </ul>	Nil											
6	<p>(a) Report on Laboratory-wise Facilities with the following data:  (i) Equipment / Software Details</p>												
	File AND stock registers Available												

Reported by HoD used  
Audits have not provided  
them with any report.

NO significant findings  
were observed.  
4/6/11/8/22

(promised to submit a consolidated  
report. Yet to be submitted)



Procured 11 new J51 different Labn during 2021-22.

(ii) Procurement of additional equipment / Software (in the current academic year if any).

(b) Report on Consolidated Computing facilities in the Department

- (i) Number of PCs: 48 — [46 are used, 2 are unused]
- (ii) List of the Software/Software packages/Simulation Tools  
MATLAB ✓ [3 are working]
- (iii) No of Printers available: 04 — [1 not working]
- (c) Availability of updated Stock Registers: Yes ✓
- (d) Adoption of safety measures in the Department: Yes ✓

File completed

Report on Faculty Improvement/Enrichment Programmes:

- (a) FDP/STTP/Workshops/Seminars organized by the Department: 09 ✓
- (b) Conferences organized by the Department: 01 (Burl.) ✓
- (c) FDP/STTP/Workshops/Seminars attended by the faculty: 110 ✓
- (d) Conferences attended by the Faculty: 18 ✓
- (e) Any Other relevant information: NIL ✓

Mostly Alumni talks and Expert lectures

File

(a) Report on Research Publications:

- (i) No. of publications in Journals
  - National : 2 ✓
  - International : 6 ✓

(ii) No. of publications in Conferences

- National : Nil
- International: 7 ✓

(b) Report on Patents/ copyrights/Industrial Designs :

8

7

by Dr. Rejasa Sini

(i) Published: 1 ✓  
(ii) Granted: Nil ✓

(a) Report on Ongoing Research/Sponsored Research Project Details:  
Applied 6 / Granted - Nil. Some are under evaluation

Title  
NIL ✓

Name of PI and Co-PI	Funding Agency	Amount in Rs	Status

Any Other relevant information \_\_\_\_\_

(b) Report on Consultancy Details:

Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)
NIL ✓			

Any Other relevant information \_\_\_\_\_

File

10 Report on Student Projects and their outcomes in terms of publications/ IPR (CAYMI)  
(a) UG  
3 Paper - Accepted - 1  
Book chapter - 3 - Published - 2  
Strain deposited - 1; Conference - 1

File

11 Report on MoUs and Ongoing /Completed Activities

S. No	Organization with which MoU have been signed	Name of the institution/ industry/ corporate house	Date and year of MoU signed	Duration	List of Ongoing/Completed Activities	Number of students/teachers participated under MoUs
1	CSIR-Indian Institute of Chemical Technology, Hyderabad	CBIT	28.02.2020	28.02.2020 to 27.02.2025 (5 Years)	Completed activities: For project collaborations, knowledge exchange and other certification courses. Following project have been	4 th Year student completed project as a part

	Curtin University, Australia				<p>allocated to Student of Department of Biotechnology, CBIT.</p> <p><b>Title of the Project: "Determining the Lysine residue site of IDH 2 protein responsible for its Ubiquitination"</b></p>	<p>of Project work in the curriculum.</p>	
2	M/s Green Bubble Alga works Pvt Ltd, Bengaluru	CBIT	30.01.2021	30.01.2021 to 29.01.2023 (2 years)	<p><b>Completed activities:</b></p> <p>Following projects have been allocated to Department of Biotechnology, CBIT</p> <ol style="list-style-type: none"> <li>1. Isolate and cultivate algal species that have size of greater than 25 microns.</li> <li>2. Development of low cost PBR and methodologies that can be scaled up to 100 L.</li> <li>3. Integrating 1<sup>st</sup> and 2<sup>nd</sup> projects and check for usable compounds for industrial implementation.</li> <li>4. Optimizing the light requirement and look for microalgal growth in lower illumination.</li> <li>5. Integrating waste substrate for algae's growth and media's effect on the compound of interest.</li> <li>6. Optimizing parameters for efficient harvesting by using electrocoagulation method.</li> </ol>	<p>19 students from 2<sup>nd</sup> and 3<sup>rd</sup> years have taken part in this project but unable to complete due to pandemic.</p> <p><i>However the work is taken up by the present final year students.</i></p>	

	3	SVAK Life sciences, Hyderabad, ALEAP Industrial Estate.	CBIT	30-01-2021	30.01.2021 to 29.01.2023 (2 years)	For project collaborations, knowledge exchange, Providing internship to the students, deputation of faculty, Industrial visits and other certification courses. <b>Completed activities:</b> Published a research article on "Synthesis of Quinoline derivatives using Microwave Irradiation: Their Anticancer Activity" in International Journal of Biological Research and Development (IJBRD).	1 <i>Paper (Faculty)</i>	
12	Report on Library, Internet & other facilities: (a) Library and Information Centre (Furnish Programme-wise Details): Number of Titles: 611 ✓ (i) Books: 2425 ✓ (iii) Number of Journals: 10 ✓ (iv) Online Journals Subscriptions: 50 and above (including interdisciplinary) (v) Online e-books Subscriptions: 50 (vi) Any other item: _____ (b) Department Library: (Furnish Programme-wise Details): (i) Number of Titles: 13 ✓ (ii) Total volumes of Books: 75 ✓ (c) Internet Connectivity: Available							
13	Report on Placement, Internship and Training activities:							Data
Report on Placement, Internship and Training activities:							Placements, Trainings-File	




	<p>Internships file</p> <p>Training file</p> <p>(care - 3 only)          (1) → M. Dr. Reddys          Sai Vamshi Exra CTS (Roll no. 40)          This split up was promised to be reported.          Efforts from Dept. + Efforts on their own</p> <p>(a) (i) Number of companies Visited: 43          (ii) Number of Students Placed: 23          (iii) Highest Salary offered: 4.5 LPA          (iv) Average salary offered: 3.8 LPA          (v) Median Salary offered: 3.8 LPA</p> <p>(b) Internship Activities:</p> <p>(i) Number of Organizations offered Internships : 14          (ii) Number of Students carried out Internships : 81          (iii) Number of Internships carried out with stipend: Nil          (iv) Total Number of Internships: 84          (v) Highest Stipend offered : N/A</p> <p>Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre/your Department: 14 (CDC-5; Dept-9)</p>												
Results file	<p>14</p> <p><u>RESULTS</u></p> <p>(i) Overall Pass Percentage: 86.14% → (Previous Year - 94.41%) - online          (ii) Percentage of Distinctions: 70.30%          (iii) Percentage of First Classes: 15.35%</p> <p>Note : Report on CO and PO attainments are to be evidenced-in Google drive</p> <p>(a) Report on Semester wise results (B.E/B.Tech) → Previous Year (Online)</p> <table border="1"> <tr> <td>I Semester Pass % : 84.48%</td> <td>→ 91%</td> </tr> <tr> <td>II Semester Pass % : 84.48%</td> <td>→ 92%</td> </tr> <tr> <td>III Semester Pass % : 85.71%</td> <td>→ 82%</td> </tr> <tr> <td>IV Semester Pass % : 92.73%</td> <td>→ 93%</td> </tr> <tr> <td>V Semester Pass % : 78.43%</td> <td>→ 84%</td> </tr> <tr> <td>VI Semester Pass % : 78.43%</td> <td>→ 94%</td> </tr> </table>	I Semester Pass % : 84.48%	→ 91%	II Semester Pass % : 84.48%	→ 92%	III Semester Pass % : 85.71%	→ 82%	IV Semester Pass % : 92.73%	→ 93%	V Semester Pass % : 78.43%	→ 84%	VI Semester Pass % : 78.43%	→ 94%
I Semester Pass % : 84.48%	→ 91%												
II Semester Pass % : 84.48%	→ 92%												
III Semester Pass % : 85.71%	→ 82%												
IV Semester Pass % : 92.73%	→ 93%												
V Semester Pass % : 78.43%	→ 84%												
VI Semester Pass % : 78.43%	→ 94%												

	<p>VII Semester Pass % : <u>86.84%</u> ✓ <u>95%</u></p> <p>VIII Semester Pass % : <u>89.47%</u> ✓ <u>97%</u></p> <p>Number of Students discontinued from the program: <u>01</u> → due to Cancer - Gayatri (parent 4<sup>th</sup> Sem) - Roll no 111        Many have won Gold/Silver</p>	<p>Student activities file</p>
15	<p>Report on Co-Curricular and Extra-Curricular Activities (with evidences)</p> <p>Alakes choudhary - Meditech        Anushka Behra (Banking)        1 mm Eng degree, Fellow ship offered to begin to begin</p>	<p>Stakeholder feedback File and teacher feedback file</p> <p>Evidenced -</p>
16	<p>(a) Report on Stakeholder's feedback</p> <p>Evidences of Feedback reports and action proposed /taken for</p> <p>(i) Program exit survey -yes ✓</p> <p>(ii) Course exit survey -yes ✓</p> <p>(iii) Alumni-yes ✓</p> <p>(iv) Employers-yes ✓</p> <p>(v) Parents-yes ✓</p> <p>(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :nil action taken as there are no special cases</p>	<p>Registers</p>
17	<p>Report on Minutes of meetings and also on action taken/initiated respectively</p> <p>(a) Board of Studies -yes ✓</p> <p>(b) Department Advisory Board -yes ✓</p> <p>(c) Department Research Committee-yes ✓</p> <p>(d) Programme Assessment and Quality Improvement Committee → Not existing? ✓</p> <p>(e) Course Expert Group-Yes ✓</p> <p>(f) Common Course Committee-NA ✓</p> <p>(g) Multiple Course Committee-NA ✓</p> <p>(h) Any other Academic Committee → Nil - ✓</p>	<p>Google drive</p> <p>Available</p>
18	<p>Report on Student mentoring and counseling process with evidences :</p> <p>(Evidenced)</p>	<p>File</p>
19	<p>Report on Infrastructural Details of the Department :</p> <p>(a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office</p>	

/Faculty rooms/seminar halls/waiting halls etc

S.No	Description	Hall/Room Numbers	Area (inSq mts)
1.	Class Room	M-203	69.14
2.	Class Room	M-204	69.14
3.	Class Room	M-205	69.14
4.	Tutorial room/Tutorial Room	M-201A	32.58
5.	Drawing Hall	--	--
6.	Bioinformatics Lab	M-102	70.98
7.	GeneticEngineering Lab	M-103	70.98
8.	R&D Lab	M-104	32.58
9.	Bioprocess engineering lab/Downstream processing lab	M-105	70.98
10.	Instrumentation lab/Enzyme technology lab	M-106	70.98
11.	Store room	M-107	32.58
12.	Microbiology lab	M-108	70.98
13.	Immunology lab	M-109	70.98
14.	Biochemistry lab	M-110	70.98
15.	Tissue culture lab	M-207	139.94

Verified and found correct.



16.		Department Library	M-202	34.74
17.		HOD Office	M-101	35.11
18.		Faculty Room	M-103	11.55
19.		Faculty Room	M-105	11.55
20.		Faculty Room	M-106	11.55
21.		Faculty Room	M-108	11.55
22.		Faculty Room	M-109	11.55
23.		Faculty Room	M-110	11.55
24.		Faculty Room	M-202	34.74
25.		Faculty Room	M-207	11.55
26.		Faculty Room	M-206	34.74

(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/

Laboratories : 6

- i) No. of LCD Projectors/Digital Boards in class rooms-03
- ii) No. of LCD Projectors/Digital Boards in Tutorial class room-01
- (iii) No. of LCD Projectors/Digital Boards in seminar Halls - 01

*only one LCD available (No Digital Boards)*


(iv) No. of LCD Projectors/Digital Boards in Laboratories-01

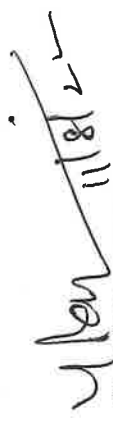
(c) Information on any other Teaching Aids: Nil



20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: ✓	Academic audit file
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same: Action Plan is reported to be under preparation)	stakeholders-feedback File ✓
22	Any other Relevant information : Nil -	

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Prof. P. SREENIVAS SARMA - Advisor - SAP		11/08/2022
Prof. S. CHINNA RAO	S. CHINNA RAO	11 Aug '22

  
Signature of HoD

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : Physics  
 2. Date of Visit : 18-08-2022  
 3. Members of the Audit Committee :

(i) Prof. K . Krishna Veni

(ii) Prof. M. Swamy Das

*K. Krishna Veni*  
*M. Swamy Das*  
 18/8/2022

**PART –II: ACADEMIC INFORMATION**

Sl. No	Particular			Remarks	
1	(a) Courses Offered				
		Name of the Program	Intake		Year of Commencement of the program
		SEM-1: Optics and Semiconductor Physics (20PYC01)	660		
		SEM-1: Optics and Semiconductor Physics Lab (20PYC03)	660		
		SEM-1: Physics (Biotech) (20PYC02)	60		
		SEM-1: Physics (Biotech) Lab (20PYC04)	60		
		SEM-2: Mechanics and Materials Science (20PYC05)	240		
		SEM-2: Mechanics and Materials Science Lab (20PYC08)	240		
		SEM-2: Electromagnetic Theory and Quantum Mechanics(20PYC06)	240		
		SEM-2: Electromagnetic Theory and Quantum Mechanics Lab(20PYC09)	240		
		SEM-2: Physics (Chemical) (20PYC07)	60		
		SEM-2: Physics (Chemical) Lab(20PYC10)	60		
		SEM-2: History of Science & Technology (18PYO01)	---		
		(b) Availability of Time Tables :			
	(i) Consolidated Time Tables ✓				
	(ii) Class Time Tables ✓				
	(iii) Individual Faculty Time Tables ✓				
	(iv) Laboratory wise Time Tables ✓				
	(v) Individual Non-Teaching/Faculty Time tables ✓				
	(vi) Calendar ✓				
2	Faculty Information:				
		Required	Available		
			Regular	Contract	
	Professors	02 ?	02 ?	NIL	
	Associate Professors	02 ?	NIL	NIL	
	Assistant Professor	11	08	03	
Total(1:15)	15	10	03		

(a) Faculty members with

- (i) Ph.D qualification : 12 ✓  
 (ii) Post Graduation Qualification: 01 ✓  
 (iii) Any Other (specify) : \_\_\_\_\_

(b) FSR Ratio (UG) : NA PG: NA

(c) Teaching Experience (within CBIT) of the Faculty in the Department:

Tenure	No. of Faculty
More than 15 Years	05
Between 8 to 15 Years	02
Between 1 to 8 Years	06
Below 1 Year	NIL

(d) Consolidated Experience of the teaching faculty considering outside experience

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	--	--	--	--	--	--	--

3 Details of Supporting Staff

- (a) Lab Assistants ✓  
 (b) Technicians ✓  
 (c) Programmers ✗  
 (d) Assistant Programmers ✗  
 (e) Computer Operators ✓ (Half day)  
 (f) Skilled Assistants ✗  
 (g) Attenders ✓

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1	--	--	--	--	--	--	--

4 (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus  
 (b) Evidences of syllabus for UG and PG Programs

- ❖ R-20 Curriculum consists of 11 credit courses of which Theory-6 and Laboratory-05. In the Revision, two separate courses for Biotech & Chemical branches were added as advised by the stake holders.
- ❖ New Core/Elective Courses added in the respective Semesters that are not in R-18 are listed below:

S. No.	Course Title	Semester	Core/Elective	Credits
1.	Optics and Semiconductor Physics	I	Core	3
2.	Optics and Semiconductor Physics Lab	I	Core	2

3.	Physics (Biotech)	I	Core	3
4.	Physics (Biotech) Lab	I	Core	2
5.	Mechanics and Materials Science	II	Core	3
6.	Mechanics and Materials Science Lab	II	Core	2
7.	Electromagnetic Theory and Quantum Mechanics	II	Core	3
8.	Electromagnetic Theory and Quantum Mechanics Lab	II	Core	2
9.	Physics (Chemical)	II	Core	3
10.	Physics (Chemical) Lab	II	Core	2
11.	History of Science & Technology	VIII	Open Elective	3

Encl: Minutes of BoS Meeting held on 16-07-2020 and R-20 Syllabus copy ✓

5 (a) Report on three level Internal Audit Committee Findings and Action taken :

Description	Availability of Internal Audit Findings Report	Availability of Action taken Report
Audit I	}	
Audit II		
Audit III		

*consolidated information / report on audits is to be prepared.*

(b) Report (with evidences) on supplementary Teaching Tools / ICT ✓

- ✓ All the faculty are handling the classes in blended mode i.e., using white board, LCD projector and Internet facility.
- ✓ Every faculty is provided with Web Cameras with microphone, Headphones and UPSs for hassle-free conduction of online classes during the pandemic period.
- ✓ Every faculty has prepared PPTs and has been teaching with the online resources, when necessary for better teaching-learning experience. (Available in CBIT- Learning Management System)
- ✓ Lab demonstration videos are made and doing Experiments with simulation is also practiced.
- ✓ Slip tests, Assignments and Class Tests are conducted online(through Learning Management System)

(c) Any Other relevant information \_\_\_\_\_

6 (a) Report on Laboratory-wise Facilities with the following data:

- (i) Equipment /Software Details(Enclosed)
- (ii) Procurement of additional equipment / Software (in the current academic year if any). NIL ✓

(b) Report on Consolidated Computing facilities in the Department

- (i) Number of PCs: 07 ✓
- (ii) List of the Software/ Software packages/Simulation Tools: NA
  - Operating Systems : Windows 10 ✓
  - Application Tools : NA



	(iii) No of Printers available: 02 ✓ (c) Availability of updated Stock Registers: 01 ✓ <i>Signatures ?</i> (d) Adoption of safety measures in the Department: <ul style="list-style-type: none"> <li>▪ Safety instructions are displayed inside the lab</li> <li>▪ Fire extinguishers are available at the entrance of the labs</li> </ul>				
7	Report on Faculty Improvement/Enrichment Programmes: (a) FDP/STTP/Workshops/Seminars organized by the Department : NIL (b) Conferences organized by the Department: NIL (c) FDP/STTP/Workshops/Seminars attended by the faculty: 46 ✓ (d) Conferences attended by the Faculty: 05 ✓ (e) Any Other relevant information: ---				
8	(a) Report on Research Publications: (i) No. of publications in Journals <ul style="list-style-type: none"> <li>• National : NIL</li> <li>• International : 09</li> </ul> (ii) No. of publications in Conferences <ul style="list-style-type: none"> <li>• National : NIL</li> <li>• International : NIL</li> </ul> (b) Report on Patents/ copyrights/Industrial Designs : (i) Published: _NIL (ii) Granted: _NIL				<i>Document format is to be inline with the R&amp;D department format Q<sub>1</sub>, Q<sub>2</sub>, Q<sub>3</sub>, Q<sub>4</sub> may be mentioned in a separate column.</i>
9	(a) Report on Ongoing Research/Sponsored Research Project Details:				
	Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status
	Exploring magnetic, magnetocaloric and magnetoresistive properties of Ti(Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>2</sub> (0 < x < 1)	Dr. S. Shanmukharao Samatham (PI)	SERB	2,63,992/-	03-June-2022 (UC are being submitted)
	Any Other relevant information _____				
	(b) Report on Consultancy Details: NIL ✓				
	Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)	

	Any Other relevant information _____			
10	<p>Report on Student Projects and their outcomes in terms of publications/ IPR  (CAYm1): NIL  (a) UG <del>2</del> <span style="margin-left: 150px;">NA</span>  (b) PG</p>			
11	Report on MoUs and Ongoing /Completed Activities: NIL			
12	<p>Report on Library, Internet &amp; other facilities:  (a) Library and Information Centre  (Furnish Programme-wise Details):</p> <p>(i) Number of Titles: _____  (ii) Total volumes of Books: _____ <span style="margin-left: 50px;">- NA -</span>  (iii) Number of Journals: _____  (iv) Online Journals Subscriptions: _____  (v) Online e-books Subscriptions: _____  (vi) Any other item: _____</p> <p>(b) Department Library:  Total Area: 35.67 sq.mts, located in K-Block, 1st Floor. ✓</p> <p>(Furnish Programme-wise Details):  (i) Number of Titles: 28 ✓  (ii) Total volumes of Books: 41 ✓</p> <p>Internet Connectivity: Broadband &amp; Wifi</p>			
13	<p>Report on Placement, Internship and Training activities:  (a) Placement Activities: NA</p> <p>(i) Number of companies Visited: _____  (ii) Number of Students Placed: _____ <span style="margin-left: 50px;">- NA -</span>  (iii) Highest Salary offered _____  (iv) Average salary offered: _____  (v) Median Salary offered _____</p> <p>(b) Internship Activities: NA</p> <p>(i) Number of Organizations offered Internships : _____  (ii) Number of Students carried out Internships : _____  (iii) Number of Internships carried out with stipend: _____  (iv) Total Number of Internships: _____</p>			

	<p>(v) Highest Stipend offered : _____</p> <p>(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre/your Department: SIP</p>	
14	<p>CAYm1</p> <p>(a) Report on overall Results (B.E/B.Tech)</p> <p>(i) Overall Pass Percentage _____</p> <p>(ii) Percentage of Distinctions _____</p> <p>(iii) Percentage of First Classes _____</p> <p>Note : Report on CO and PO attainments are to be evidenced <i>available/verified</i></p> <p>(b) Report on Semester wise results (B.E/B.Tech)</p> <p>I Semester Pass % 95.7 (2021-2022) ✓</p> <p>II Semester Pass % 95.4 (2020-2021) ✓</p> <p>III Semester Pass % _____</p> <p>IV Semester Pass % _____</p> <p>V Semester Pass % _____</p> <p>VI Semester Pass % _____</p> <p>VII Semester Pass % _____</p> <p>VIII Semester Pass % _____</p> <p>Number of Students discontinued from the program: _____</p> <p>(c) Report on overall Results (PG Programs : M.E/M.Tech/MBA/MCA)</p> <p>(i) Overall Pass Percentage _____</p> <p>(ii) Percentage of Distinctions _____</p> <p>(iii) Percentage of First Classes _____ <i>NA</i></p> <p>Note : Report on CO and PO attainments are to be evidenced</p> <p>(d) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)</p> <p>I Semester Pass % _____</p> <p>II Semester Pass % _____</p> <p>III Semester Pass % _____</p> <p>IV Semester Pass % _____</p> <p>V Semester Pass % _____</p> <p>VI Semester Pass % _____ <i>NA</i></p> <p>Number of Students discontinued the program: _____</p>	
15	<p>(CAYm1)</p> <p>Report on Co-Curricular and Extra-Curricular Activities (with evidences): SIP (ay 2021-2022) ✓</p>	
16	<p>(a) Report on Stakeholder's feedback</p> <p>Evidences of Feedback reports and action proposed /taken for</p> <p>(i) Program exit survey <i>NA</i></p> <p>(ii) Course exit survey ✓</p> <p>(iii) Alumni -</p> <p>(iv) Employers -</p> <p>(v) Parents -</p>	

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :  
Available ✓

17 Report on Minutes of meetings and also on action taken/initiated respectively

- (a) Board of Studies ✓
- (b) Department Advisory Board —
- (c) Department Research Committee —
- (d) Programme Assessment and Quality Improvement Committee —
- (e) Course Expert Group ✓
- (f) Common Course Committee
- (g) Multiple Course Committee
- (h) Any other Academic Committee

18 Report on Student mentoring and counseling process with evidences : *available*

19 Report on Infrastructural Details of the Department :



- (a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc

S.No.	Description	Hall/Room Numbers	Area (Sqmts)
1	Class Rooms	K-204	71.35
		K-205	71.35
		K-206	71.35
		K-207	71.35
		K-301	71.35
		K-302	71.35
		K-303 A	71.35
		K-303 B	71.35
		K-304	71.35
		K-305	71.35
		M-201	71.35
		M-302	71.35
		M-303	71.35
		M-304	71.35
		M-305	71.35
		M-306	71.35
M-307	71.35		
2	Laboratories	Lab-1 (K-Block)	214.05
		Lab-2 (H-Block)	173.91
3	Faculty Rooms	08 Rooms (K -Block)	107.02
4	Department Library & Faculty Rooms	K-Block	
5	HoD Office	K-Block	35.67



	(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories 09. (c) Information on any other Teaching Aids: ____. Web Cameras : 09 ✓ Head Phones : 09 ✓ Desktops for Faculty : 07 ✓	
20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same:	Not available
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same:	NA
22	Any other Relevant information :	—

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Dr. K. Krishnaveni, Professor, EEE		18/8/2022
Dr. M. Swamydas, Professor, CSE		18/8/2022

  
Signature of HoD

2(d) Consolidated Experience of the teaching faculty considering outside experience  
(30/06/2022):

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Prof. B Linga Reddy	Professor	M.Sc., Ph.D	22-10-1997	25 Y	-----	25 yrs
2	Prof B Sreenivasa Reddy	Professor	M.Sc., Ph.D.	01-01-1998	24yrs	2 Y 6 M	26yrs
3	Dr Y Srinivasa Reddy	Asst Professor	M.Sc., Ph.D.	01-06-2007	15yrs	5 Y 10 M	20 yrs
4	Dr K Vinay Kumar Reddy	Asst Professor	M.Sc., Ph.D.	11.02.2008	14 yrs	1 Y 7 M	15 yrs
5	Mr G Nataraju	Asst Professor	M.Sc.	01-02-2002	20 yrs	6 Y	26 yrs
6	DR K Rajagopal		M.Sc., Ph.D.	16-01-2006	15 yrs	9 Y 6 M	24 yrs
7	Dr M Subhadra	Asst Professor	M.Sc., Ph.D.	18-09-2012	09 yrs	8 Y	17 yrs
8	Dr Neelima Agarwal	Asst Professor	M.Sc., Ph.D.	21.11.16	05 yrs	1 Y 3 M	06 yrs
9	Dr S Shrivani Kumar Reddy	Asst Professor	M.Sc., Ph.D.	24-07-2017	05 yrs	1 Y 6 M	06 yrs
10	DR S Shanmukha Rao		M.Sc., Ph.D.	11-10-2021	8 months	9 Y	9 yrs
11	Dr A Santhosh Kumar	Asst Professor	M.Sc., Ph.D.	1-07-2019	03 yrs	2+4+5.2= 11.2 years	14 yrs
12	Dr M Chandrashekhari	Asst Professor	M.Sc., Ph.D.	24-3-2021	01 yr	13Y	14 yrs
13	Dr M Prathima	Asst Professor	M.Sc., Ph.D.	22.03.2021	01 yr	10 Y	11yrs

### 3. Details of Supporting Staff (30/06/2022):

S.N o.	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Mr. S Narsimha Reddy	Lab Assistant	B.Sc.	26.03.1996	26	--	26 Y
2	Mr. S. Sivakumar	Lab TechnicianGr.-I	B.Sc., DCA	01.12.1997	24 Y	06 M	24 Y
3	Mr. Srihari	Attender					



**HEAD**  
Department of Physics  
Chaitanya Bharathi Institute of Technology (A)  
Campus, Hyderabad-500 075.

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : CHEMISTRY
2. Date of Visit : 11-08-2022
3. Members of the Audit Committee :

- (i) Prof. K. Krishna Veni, Director-Academics
- (ii) Prof. M. Swamy Das, Jt. Director

**PART –II: ACADEMIC INFORMATION**

Sl. No	Particular	Remarks		
1	(a) Courses Offered			
	Name of the Program	Intake	Year of Commencement of the program	
	<b>BE (Civil)</b>	<b>120+12</b>	<b>1979-1980</b>	
	<b>BE (Mechanical)</b>	<b>120+12</b>	<b>1979-1980</b>	
	<b>BE (EEE)</b>	<b>120+12</b>	<b>1994-1995</b>	
	<b>BE (ECE)</b>	<b>180+18</b>	<b>1979-1980</b>	
	<b>BE (CSE)</b>	<b>180+18</b>	<b>1985-1986</b>	
	<b>BE (IT)</b>	<b>180+18</b>	<b>2000-2001</b>	
	<b>B.Tech(Chemical)</b>	<b>60+6</b>	<b>1995-1996</b>	
	<b>B.Tech(Biotech)</b>	<b>60</b>	<b>2005-2006</b>	
	<b>BE(AI&amp;DS)</b>	<b>120</b>	<b>2020-2021</b>	
	<b>BE(IOT&amp;CS)</b>	<b>60</b>	<b>2020-2021</b>	
	<b>BE(CSE-AI&amp;ML)</b>	<b>60</b>	<b>2020-2021</b>	
	<b>BE(AI&amp;ML)</b>	<b>60</b>	<b>2021-2022</b>	
	(b) Availability of Time Tables :			
(i) Consolidated Time Tables	- Available	/		
(ii) Class Time Tables	- Available	/		
(iii) Individual Faculty Time Tables	- Available	/		
(iv) Laboratory wise Time Tables	- Available	/		
(v) Individual Non-Teaching/Faculty Time tables	- Available	/		
(vi) Calender	- Available	/		
2	Faculty Information:			
		Required	Available	
			Regular	Contract
	Professors	7	01	---
	Associate Professors		----	-----
Assistant Professor	7	09	01	



Total(1:15)				10		01	
(a) Faculty members with							
(i) Ph.D. qualification : <b>11</b> ✓							
(ii) Post-GraduationQualification: _____							
(iii)Any Other (specify) : _____							
(b) FSR Ratio (UG) : <u>NA</u> PG: _____							
(c) Teaching Experience (within CBIT) of the Faculty in the Department:							
Tenure				No. of Faculty			
More than 15 Years				03 ✓			
Between 8 to 15Years				02 ✓			
Between1to 8 Years				05 ✓			
Below 1 Year				01 ✓			
(d) Consolidated Experience of the teaching faculty considering outside experience. ✓							
S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	<b>Dr.K.Laxmi</b>	Professor	M.SC., Ph.d	25-06-1998	24 Years	2 Years	26 Years
2	<b>Dr.S.Shylaja</b>	Assistant Professor	M.SC., Ph.d	09-01-2006	16.5 Years	9.5 years	26 years
3	<b>Dr.K.Ramesh</b>	Assistant Professor	M.SC., Ph.d	05-07-2007	15 years	3 years	18 years
4	<b>Dr.M.Mamatha</b>	Assistant Professor	M.SC., Ph.d	09-11-2010	11.8 years	12.5 years	24years
5	<b>Dr.P.Muralikrishna</b>	Assistant Professor	M.SC., Ph.d	03-10-2011	11 Years	7 Years	18 Years
6	<b>Dr.D.Saritha</b>	Assistant Professor	M.SC., Ph.d	24-6-2019	3 Years	7 Years	10 Years
7	<b>Dr.G.Venkata Ramesh</b>	Assistant Professor	M.SC., Ph.d	20-07-2019	3 Years	7 Years	10 Years
8	<b>Dr.M.Rama Devi</b>	Assistant Professor	M.SC., Ph.d	30-07-2015	7 Years	7 Years	14 Years
9	<b>Dr.N.Mahender Reddy</b>	Assistant Professor	M.SC., Ph.d	15-02-2017	5 Years	8 Years	13 Years
10	<b>Dr T V Surendra</b>	Assistant Professor	M.SC., Ph.d	04-10-2021	10 months	02 years	02 years 10 months
11	<b>Dr.K.Sathish Kumar</b>	Assistant Professor	M.SC., Ph.d	27-01-2021	1.7 Months	7 years	8 Years 7 Months

3	<b>Details of Supporting Staff</b> <b>(a) Technicians :- 04 (Contract)</b> <b>(b) Special Grade Record Assistant:- 1(Regular)</b>						
S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1	G. MAHENDER REDDY	Technician Grade-III	M.Sc.-(Chemistry)	06-09-2017	5 Years	4 Years	9 Years
2	B. SHANTHI JAYAKAR	Technician Grade-III	M.Sc (Industrial Chemistry)	08-09-2017	5 Years	6 Years	11 Years
3	A.Hari Babu	Technician Grade-III	M.Sc. (Chemistry)	17-11-2021	09 months	15 years	15 years 09 months
4	G. Ravi Kumar	Technician Grade-III	B.Sc.(MPC)	11-11-2021	09 months	12 years	12 years 09 months
5	B. VENKATAIAH	Special Grade Record Assistant	SSC	17-02-1995	27 Years	-	27 Years

- 4 (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus –  
 ❖ **R-20 Curriculum consists of 05 credit courses of which Theory-4 and Laboratory-01.**  
 ❖

S. No.	Course Title	Semester	Core/Elective	Credits
1.	Chemistry	I	Core	4
2.	Chemistry Lab	I	Core	1
3.	Chemistry	II	Core	4
4.	Chemistry Lab	II	Core	1

BoS  
 Hard bound  
 Book.  
 available

- (b) Minutes of BoS Meeting held on **16-07-2020**

- (c) Evidences of syllabus for UG and PG Programs – R 20 syllabus copies.

- 5 (a) Report on three level Internal Audit Committee Findings and Action taken :

Description	Availability of Internal Audit Findings Report	Availability of Action taken Report
Audit I	Available	Complied with all the details ✓
Audit II	Available	Complied with all the details ✓
Audit III	Available	Complied with all the details ✓

- (b) Report (with evidences) on supplementary Teaching Tools / ICT

- ❖ **Most of the Class rooms are equipped with white board, LCD projector and Internet facility to facilitate the blended mode of teaching.**
- ❖ **Every faculty is provided with Web Cameras with microphone, Headphones and UPSs for hassle-free conduction of online classes during the pandemic period.**
- ❖ **Every faculty has prepared PPTs and has been teaching with the online resources, when necessary for better teaching-learning experience. (Available in CBIT- Learning Management System)**
- ❖ **Lab demonstration videos are made and doing Experiments with simulation is also practiced.**
- ❖ **Slip tests, Assignments and Class Tests are conducted online(through Learning Management System)**

(c) Any Other relevant information \_\_\_\_\_

6 (a) Report on Laboratory-wise Facilities with the following data:

(i) Equipment /Software Details

Sl. No	Name of the Laboratory	Major Equipment
1	Lab-1	Potentiometer, Electronic balance, Water bath , Electronic Magnetic Stirrer ✓
2	Lab-2	Digital Conductivity Meter, Electronic balance, Water bath, Wall Distilled Water Plant(4lit) ✓
3	Lab-3	Electronic balance, Water bath, Hot Plate ✓
4	Lab-4	Electronic balance, Hot Plate ✓

(ii) Procurement of additional equipment / Software (in the current academic year if any).

- 1). Potentiometer
- 2). Digital Conductivity Meter
- 3). Water bath

(b) Report on Consolidated Computing facilities in the Department

(i) Number of PCs: 04 ✓

(ii) List of the Software/ Software packages/Simulation Tools: NA

(iii) No of Printers available: 02 ✓

(c) Availability of updated Stock Registers: Yes (05) ✓

(d) Adoption of safety measures in the Department:

- 1). First Aid Kits are available in all Labs ,
- 2). Fire Extinguishers are available in all Labs,
- 3) Display Boards of Laboratory Precautions are present in all labs

7 Report on Faculty Improvement/Enrichment Programmes: List enclosed

(a) FDP/STTP/Workshops/Seminars organized by the Department : Nil

(b) Conferences organized by the Department: Nil

(c) FDP/STTP/Workshops/Seminars attended by the faculty:

FDP: 45 ✓

STTP: 02 ✓

Workshops: 06 ✓

Seminars: Nil ✓

(d) Conferences attended by the Faculty: 06

(e) Any Other relevant information \_\_\_\_\_

8	<p>(a) Report on Research Publications:</p> <p>(i) No. of publications in Journals</p> <ul style="list-style-type: none"> <li>• National : _____ 01 _____</li> <li>• International: _____ 17 _____</li> </ul> <p>(ii) No. of publications in Conferences</p> <ul style="list-style-type: none"> <li>• National : _____ 01 _____</li> <li>• International : _____ 04 _____</li> </ul> <p>(b) Report on Patents/ copyrights/Industrial Designs :</p> <p>(i) Published: _____ Nil _____</p> <p>(ii) Granted : _____ Nil _____</p>
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9	(a) Report on Ongoing Research/Sponsored Research Project Details:				
	Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status
	Exploring gold-based alloys and intermetallics with a tunable d-band center for efficient and selective CO <sub>2</sub> reduction.	PI: Dr. Gubbala V. Ramesh	<u>DST TARE</u>	15,00,000/-	Applied
	Plasmonic hot-electron mediated nanocomposites (Metal and Molecular Materia) for photoelectrochemical and photobioelectrochemical Applications.	PI: Dr. Ch Gupta Chandaluri Co-PI: Dr. Gubbala V. Ramesh	<u>DST</u>	15,00,000/-	Applied
	Development of Pesticide Free Insecticide for Maize Weevil Control in Stored Maize	PI: Dr. Gubbala V. Ramesh Co-PI: Dr. D. Saritha, Dr. N. Mahender Reddy	<u>TSCOST</u>	5,00,000/-	Applied
	Environmentally friendly pest traps for pest control in the agricultural fields of the Nalgonda and Warangal districts, Telangana State.	PI: Dr. N. Mahender Reddy Co-PI: Dr. Gubbala V. Ramesh, Dr. D. Saritha	<u>TSCOST</u>	5,00,000/-	Applied
	Design and development of novel Iron oxide nano materials for the removal of heavy metals from waste	PI: Dr. D. Saritha Co-PI: Dr. Gubbala	<u>TSCOST</u>	5,00,000/-	Applied

	water, Telangana state	V. Ramesh, Dr. N. Mahender Reddy			
	Fabrication of Novel $\text{Co}_9\text{S}_8@\text{GdCeInS}$ Heterostructure for Highly Efficient Environmental Remediation Application with Simultaneous Hydrogen Evolution Under Simulated Sunlight Irradiation	PI: Dr. T. V. Surendra	DST-SERB-SRG (Start up Research grant)	27,85,200	Applied
	Development of collagen-coated 3D printed PLGA/HA porous scaffold for bone tissue regeneration	PI: Dr. D. Saritha  Co-PI: Dr. R. Sujithra	(CRG)-(SERB)		Applied
	Any Other relevant information _____				
	(b) Report on Consultancy Details: <i>NIL</i>				
	Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)	
	-	-	-	-	
	Any Other relevant information _____				
10	Report on Student Projects and their outcomes in terms of publications/ IPR (a) UG: NA // (b) PG: NA //				
11	Report on MoUs and Ongoing /Completed Activities NA //				
12	Report on Library, Internet & other facilities: (a) Library and Information Centre (Furnish Programme-wise Details): (i) Number of Titles: _____ (ii) Total volumes of Books: _____ (iii) Number of Journals: _____ (iv) Online Journals Subscriptions: _____ (v) Online e-books Subscriptions: _____ (vi) Any other item: _____ (b) Department Library: (Furnish Programme-wise Details):				



(i) Number of Titles: 50

(ii) Total volumes of Books: 90

(c) Internet Connectivity: **YES**

13 Report on Placement, Internship and Training activities:

(a) Placement Activities:

(i) Number of companies Visited: NA

(ii) Number of Students Placed: NA

(iii) Highest Salary offered: NA

(iv) Average salary offered: NA

(v) Median Salary offered: NA

(b) Internship Activities:

(i) Number of Organizations offered Internships : NA

(ii) Number of Students carried out Internships : NA

(iii) Number of Internships carried out with stipend: NA

(iv) Total Number of Internships: NA

(v) Highest Stipend offered : NA

(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre/your Department: - NA

14 (a) Report on overall Results (B.E/B.Tech)

(i) Overall Pass Percentage \_\_\_\_\_

(ii) Percentage of Distinctions \_\_\_\_\_

(iii) Percentage of First Classes \_\_\_\_\_

(b) Report on Semester wise results (B.E/B.Tech)

I Semester Pass % 87.89% (2021-22)

II Semester Pass % 99.66% (2020-21)

III Semester Pass % -

IV Semester Pass % -

V Semester Pass % -

VI Semester Pass % -

VII Semester Pass % -

VIII Semester Pass % \_\_\_\_\_

Number of Students discontinued from the program: -

(c) Report on overall Results (PG Programs : M.E/M.Tech/MBA/MCA)

(i) Overall Pass Percentage NA

(ii) Percentage of Distinctions NA

*Report on CO-PO  
must be made available  
for the Semesters  
completed.*

(iii) Percentage of First Classes \_\_\_\_\_ NA \_\_\_\_\_

(d) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)

I Semester Pass % \_\_\_\_\_ NA \_\_\_\_\_

II Semester Pass % \_\_\_\_\_ NA \_\_\_\_\_

III Semester Pass % \_\_\_\_\_ NA \_\_\_\_\_

IV Semester Pass % \_\_\_\_\_ NA \_\_\_\_\_

V Semester Pass % \_\_\_\_\_ NA \_\_\_\_\_

VI Semester Pass % \_\_\_\_\_ NA \_\_\_\_\_

Number of Students discontinued the program: \_\_\_\_\_

15 Report on Co-Curricular and Extra-Curricular Activities (with evidences)

*Actuality points  
information*

16 (a) Report on Stakeholder's feedback

Evidences of Feedback reports and action proposed /taken for

(i) Program exit survey

(ii) Course exit survey

(iii) Alumni

(iv) Employers

(v) Parents

*Industry personnel from BoS are  
considered as stakeholders.*

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :

17 Report on Minutes of meetings and also on action taken/initiated respectively

(a) Board of Studies ✓

(b) Department Advisory Board —

(c) Department Research Committee —

(d) Programme Assessment and Quality Improvement Committee —

(e) Course Expert Group ✓

(f) Common Course Committee —

(g) Multiple Course Committee —

(h) Any other Academic Committee —

18 Report on Student mentoring and counseling process with evidences :

*Available*

19 Report on Infrastructural Details of the Department :

(a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc

S.No	Description	Hall/Room Numbers	Area (inSqmts)
1.	<b>Chemistry Lab-1</b>	H-Block & H001	102.6
2.	<b>Chemistry Lab-2</b>	H-Block & H003	68.4
3.	<b>Chemistry Lab-3</b>	H-Block & H005	68.4
4.	<b>Chemistry Lab-4</b>	H-Block & H006	68.4

	(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories ___ Nil ___. <i>Shared with other 1st year class.</i> (c) Information on any other Teaching Aids: ___. <i>PPTs.</i>
20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: No comments/corrections were found. <i>major NO comments</i>
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same: NA
22	Any other Relevant information :

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Prof. K. Krishna Veni, Director-Academics	<i>K. Krishna Veni</i>	11/8/2022
Prof. M. Swamy Das, Jt. Director	<i>M. Swamy Das</i>	11/8/2022

*Hemmi*  
11/8/2022  
Signature of HoD

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : English
2. Date of Visit : 19.08.2022
3. Members of the Audit Committee :

1. Prof. K. Krishna Veni, Director-Academics
2. Prof. M. Swamy Das, Jt. Director

**PART –II: ACADEMIC INFORMATION**

Sl. No	Particular	Remarks	
1	(a) Courses Offered		
	Name of the Program	Intake	Year of Commencement of the program
	Indian Constitution And Fundamental Principles		2019
	Universal Human Values-II		2021
	Employability Skills		2013
	Gender Sensitization		2019
	Indian Traditional Knowledge		2020
	English For Research Paper Writing		2018
	Technical Writing Skills		2016
	English		Right from inception
	English Lab		Right from inception
2	(b) Availability of Time Tables :		
	(i) Consolidated Time Tables ✓		
	(ii) Class Time Tables ✓		
	(iii) Individual Faculty Time Tables ✓	— not available	
	(iv) Laboratory wise Time Tables	— N/A	
	(v) Individual Non-Teaching/Faculty Time tables	— N/A	
	(vi) <del>Calendar</del> <b>Calendar</b>		
Faculty Information:			
	Req uire d	Available	
		Regular	Contract
Professors	1	NIL	NIL
Associate Professors	1	NIL	NIL
Assistant Professor	7	05	02
Total(1:15)	9		

2 less

(a) Faculty members with

- (i) Ph.D qualification : 03  
(ii) Post Graduation Qualification: 6  
(iii) Any Other (specify) : -

B. U. J

(b) FSR Ratio (UG) : NA PG: NA

(c) Teaching Experience (within CBIT) of the Faculty in the Department:

Tenure	No. of Faculty
More than 15 Years	03
Between 8 to 15 Years	--
Between 1 to 8 Years	04
Below 1 Year	--

(d) Consolidated Experience of the teaching faculty considering outside experience.

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1.	Mrs. A. Vijaya Lakshmi	Asst Professor (sr)	MA-PGDTE	2000	21	01	22
2.	Mr. Srinivas Andoju	Asst Professor (sr)	MA: SET	2006	18	5	23
3.	Mr. K. Naveen Kumar	Asst Professor	MA:SET	2013	7	10	17
4.	Dr. Shagufta Parween	Asst Professor	Ph.D	2018	4	1	5
5.	Dr. Shirisha Deshpande	Asst Professor	Ph.D	2018	4	16	20
6.	Dr. Nandigama Madhu	Asst Professor	Ph.D	2021	2	8	10
7.	V.Laxman	Asst Professor	M.A: M.Phil	2019	3	-	3

3 Details of Supporting Staff

- (a) Lab Assistants  
(b) Technicians  
(c) Programmers  
(d) Assistant Programmers  
(e) Computer Operators  
(f) Skilled Assistants - 01  
(g) Attenders - 01

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1.	M.Sunitha	Record Asst	Degree	2007	15	-	15



2.	Md .Abdul Gani	Attender	-	2004	18	-	18												
4	(a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus-Employability skills (b) Evidences of syllabus for UG and PG Programs <i>Report to be prepared evidences available</i>																		
5	(a) Report on three level Internal Audit Committee Findings and Action taken : <table border="1" style="width:100%"> <tr> <th>Description</th> <th>Availability of Internal Audit Findings Report</th> <th>Availability of Action taken Report</th> </tr> <tr> <td>Audit I</td> <td></td> <td></td> </tr> <tr> <td>Audit II</td> <td></td> <td></td> </tr> <tr> <td>Audit III</td> <td></td> <td><i>To be prepared</i></td> </tr> </table> (b) Report (with evidences) on supplementary Teaching Tools / ICT (c) Any Other relevant information _____							Description	Availability of Internal Audit Findings Report	Availability of Action taken Report	Audit I			Audit II			Audit III		<i>To be prepared</i>
Description	Availability of Internal Audit Findings Report	Availability of Action taken Report																	
Audit I																			
Audit II																			
Audit III		<i>To be prepared</i>																	
6	(a) Report on Laboratory-wise Facilities with the following data: (i) Equipment /Software Details -yes ✓ (ii) Procurement of additional equipment / Software (in the current academic year if any). yes ✓ (b) Report on Consolidated Computing facilities in the Department (i) Number of PCs <u>5</u> + <u>26</u> = <u>31</u> ✓ (ii) List of the Software/ Software packages/Simulation Tools -NA ✓ (iii) No of Printers available: <u>02</u> ✓ (c) Availability of updated Stock Registers: YES ✓ (d) Adoption of safety measures in the Department: YES ✓																		
7	Report on Faculty Improvement/Enrichment Programmes: Data in the files (a) FDP/STTP/Workshops/Seminars organized by the Department : <del>Nil</del> <i>FDP on UHV-II</i> (b) Conferences organized by the Department: <i>NIL</i> (c) FDP/STTP/Workshops/Seminars attended by the faculty: <i>Evidences are there</i> (d) Conferences attended by the Faculty: <i>Number 9</i> (e) Any Other relevant information _____ <i>X</i> <i>Report to be prepared</i>																		
8	(a) Report on Research Publications: (i) No. of publications in Journals • National : <u>02</u> • International: <u>04</u> (ii) No. of publications in Conferences • National : <u>--</u> <i>Summary sheet to be prepared facultywise -</i>																		

• International: 01

(b) Report on Patents/ copyrights/Industrial Designs :

(i) Published: NA

(ii) Granted: NA

9

(a) Report on Ongoing Research/Sponsored Research Project Details NA NIL

Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status

Any Other relevant information \_\_\_\_\_

(b) Report on Consultancy Details: \_\_\_\_\_

Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)
Sreenivas Andoju	HSPA – Hyderabad Schools Parents Association.	“Equality in Education” a visual documentation project	Rs. 2 lacs proposed
Sreenivas Andoju	The Andhra Pradesh State Directorate of Health and Family Welfare	“Save Girl Child”	Rs. 3 lacs proposed
			<i>proposed only</i>

Any Other relevant information \_\_\_\_\_

10 Report on Student Projects and their outcomes in terms of publications/ IPR

(CAYm1)

(a) UG NA

(b) PG NA

11 Report on MoUs and Ongoing /Completed Activities -NA

12 Report on Library, Internet & other facilities: NA

(a) Library and Information Centre

(Furnish Programme-wise Details):

(i) Number of Titles: \_\_\_\_\_

(ii) Total volumes of Books: \_\_\_\_\_

(iii) Number of Journals: \_\_\_\_\_

(iv) Online Journals Subscriptions: \_\_\_\_\_

(v) Online e-books Subscriptions: \_\_\_\_\_

(vi) Any other item: \_\_\_\_\_

(b) Department Library:

(Furnish Programme-wise Details):

(i) Number of Titles: \_\_\_\_\_ 89 \_\_\_\_\_

(ii) Total volumes of Books: \_\_\_\_\_ 89 \_\_\_\_\_

(c) Internet Connectivity: \_\_\_\_\_ 15 \_\_\_\_\_

13

Report on Placement, Internship and Training activities: NA

(a) Placement Activities:

(i) Number of companies Visited: \_\_\_\_\_

(ii) Number of Students Placed: \_\_\_\_\_

(iii) Highest Salary offered \_\_\_\_\_

(iv) Average salary offered: \_\_\_\_\_

(v) Median Salary offered \_\_\_\_\_

(b) Internship Activities: NA

(i) Number of Organizations offered Internships : \_\_\_\_\_

(ii) Number of Students carried out Internships : \_\_\_\_\_

(iii) Number of Internships carried out with stipend: \_\_\_\_\_

(iv) Total Number of Internships: \_\_\_\_\_

(v) Highest Stipend offered : \_\_\_\_\_

(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre/your Department: NA

data available  
No Summary report

14

CAYm1

(a) Report on overall Results (B.E/B.Tech) --Data provided

(i) Overall Pass Percentage \_\_\_\_\_

(ii) Percentage of Distinctions \_\_\_\_\_

(iii) Percentage of First Classes \_\_\_\_\_

Note : Report on CO and PO attainments are to be evidenced

(b) Report on Semester wise results (B.E/B.Tech)

I Semester Pass % \_\_\_\_\_

II Semester Pass % \_\_\_\_\_

III Semester Pass % \_\_\_\_\_

IV Semester Pass % \_\_\_\_\_

Data available.  
Analysis and  
action plan  
not available

V Semester Pass % \_\_\_\_\_

VI Semester Pass % \_\_\_\_\_

VII Semester Pass % \_\_\_\_\_

VIII Semester Pass % \_\_\_\_\_

Number of Students discontinued from the program: \_\_\_\_\_

(c) Report on overall Results (PG Programs : M.E/M.Tech/MBA/MCA)

(i) Overall Pass Percentage \_\_\_\_\_

(ii) Percentage of Distinctions \_\_\_\_\_

(iii) Percentage of First Classes \_\_\_\_\_

not available

Note : Report on CO and PO attainments are to be evidenced

(d) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)

I Semester Pass % \_\_\_\_\_

II Semester Pass % \_\_\_\_\_

III Semester Pass % \_\_\_\_\_

IV Semester Pass % \_\_\_\_\_

V Semester Pass % \_\_\_\_\_

VI Semester Pass % \_\_\_\_\_

not available

Number of Students discontinued the program: \_\_\_\_\_

15 (CAYm1)

Report on Co-Curricular and Extra-Curricular Activities (with evidences)

NA

16 (a) Report on Stakeholder's feedback

Evidences of Feedback reports and action proposed /taken for

(i) Program exit survey NA

(ii) Course exit survey —

(iii) Alumni NA

(iv) Employers NA

(v) Parents NA

NO analysis and no action plan.

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :

17

Report on Minutes of meetings and also on action taken/initiated respectively

(a) Board of Studies ✓

(b) Department Advisory Board NA

(c) Department Research Committee ✓

(d) Programme Assessment and Quality Improvement Committee NA

(e) Course Expert Group ✓

(f) Common Course Committee —

(g) Multiple Course Committee —

(h) Any other Academic Committee NA

18

Report on Student mentoring and counseling process with evidences :

19 Report on Infrastructural Details of the Department :  
 (a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office  
 /Faculty rooms/seminar halls/waiting halls etc

S.No	Description	Hall/Room Numbers	Area (inSqmts)
1.	CALL LAB	307 K Block 3rd floor	88.59 ✓
2.	ICS LAB	308 K Block 3rd floor	71.22 ✓
3.	SS LAB-1	M.Block Ground Floor	107.23 ✓
4.	SS LAB-2		71.74 ✓
5.	SS LAB-3		72.49 ✓
6.	SS LAB-4		70.23 ✓

(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/  
 Laboratories 05 (change)

(c) Information on any other Teaching Aids: flexi in CALL LAB ✓  
 Posters in ICS Lab ✓  
 PPTs for different topics ✓

20 Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: Not available

21 Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same: NA

22 Any other Relevant information : ✓

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
<u>Dr. K. Krishnakumari</u>	<u>[Signature]</u>	<u>20/8/21</u>
<u>Prof. M. Swamydas</u>	<u>[Signature]</u>	<u>30/8</u>

Signature of HoD

[Signature]  
 (A. VIJAYALAKSHMI)  
 Asst Prof. (Sr)  
 Dept. of English



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : Department of Civil Engineering  
 2. Date of Visit : 18/08/2022  
 3. Members of the Audit Committee :

(i) Dr. A. D. Sharma.

(ii) Dr. K. SAGAR

**PART –II: ACADEMIC INFORMATION**

Sl. No	Particular	Remarks									
1	(a) Courses Offered										
	<table border="1"> <thead> <tr> <th>Name of the Program</th> <th>Intake</th> <th>Year of Commencement of the program</th> </tr> </thead> <tbody> <tr> <td>B.E.</td> <td>120+12</td> <td>1979</td> </tr> <tr> <td>M.E. (Structural Engineering)</td> <td>25</td> <td>2002</td> </tr> </tbody> </table>	Name of the Program	Intake	Year of Commencement of the program	B.E.	120+12	1979	M.E. (Structural Engineering)	25	2002	
Name of the Program	Intake	Year of Commencement of the program									
B.E.	120+12	1979									
M.E. (Structural Engineering)	25	2002									
	(b) Availability of Time Tables :										
	(i) <input checked="" type="checkbox"/> Consolidated Time Tables  <b>ODD Semester:</b>  <a href="https://docs.google.com/spreadsheets/d/17Ptje5ZxxJKMEpt7ZNnmFW4Jp9oNL6YP/edit?usp=sharing&amp;ouid=109000606094231688338&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/17Ptje5ZxxJKMEpt7ZNnmFW4Jp9oNL6YP/edit?usp=sharing&amp;ouid=109000606094231688338&amp;rtpof=true&amp;sd=true</a>  <b>EVEN Semester:</b>  <a href="https://docs.google.com/spreadsheets/d/1q6AsibxMuN9m0W-D0og5uOMVPx9xnkwv/edit?usp=sharing&amp;ouid=109000606094231688338&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/1q6AsibxMuN9m0W-D0og5uOMVPx9xnkwv/edit?usp=sharing&amp;ouid=109000606094231688338&amp;rtpof=true&amp;sd=true</a>										
	(ii) <input checked="" type="checkbox"/> Class Time Tables  <b>ODD Semester:</b>  <a href="https://docs.google.com/spreadsheets/d/17Ptje5ZxxJKMEpt7ZNnmFW4Jp9oNL6YP/edit?usp=sharing&amp;ouid=109000606094231688338&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/17Ptje5ZxxJKMEpt7ZNnmFW4Jp9oNL6YP/edit?usp=sharing&amp;ouid=109000606094231688338&amp;rtpof=true&amp;sd=true</a>  <b>EVEN Semester:</b>  <a href="https://docs.google.com/spreadsheets/d/1q6AsibxMuN9m0W-D0og5uOMVPx9xnkwv/edit?usp=sharing&amp;ouid=109000606094231688338&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/1q6AsibxMuN9m0W-D0og5uOMVPx9xnkwv/edit?usp=sharing&amp;ouid=109000606094231688338&amp;rtpof=true&amp;sd=true</a>										

(iii) Individual Faculty Time Tables

**ODD Semester:**

<https://docs.google.com/spreadsheets/d/17Ptje5ZxxJKMEpt7ZNNnFW4Jp9oNL6YP/edit?usp=sharing&ouid=109000606094231688338&rtpof=true&sd=true>

**EVEN Semester:**

<https://docs.google.com/spreadsheets/d/1q6AsibxMuN9m0W-D0og5uOMVPx9xnkwv/edit?usp=sharing&ouid=109000606094231688338&rtpof=true&sd=true>

(iv) Laboratory wise Time Tables

**ODD Semester:**

<https://docs.google.com/spreadsheets/d/17Ptje5ZxxJKMEpt7ZNNnFW4Jp9oNL6YP/edit?usp=sharing&ouid=109000606094231688338&rtpof=true&sd=true>

**EVEN Semester:**

<https://docs.google.com/spreadsheets/d/1q6AsibxMuN9m0W-D0og5uOMVPx9xnkwv/edit?usp=sharing&ouid=109000606094231688338&rtpof=true&sd=true>

(v) Individual Non-Teaching/Faculty Time tables

<https://drive.google.com/file/d/1x6PUjk95vPIadigbwGFcq89WQqSOBRos/view?usp=sharing>

(vi) Calendar

<https://drive.google.com/file/d/1H-cZzGC8LdxEIOTSYsEicQSch4LpHoss/view?usp=sharing>

<https://drive.google.com/file/d/1-s38oDY7T3althwjBaV-QA1XIGTeD07v/view?usp=sharing>

2

Faculty Information:

	Required	Available	
		Regular	Contract
Professors	3	3	2
Associate Professors	5	2	0
Assistant Professors	15	20	3
Total	23	25	5

(a) Faculty members with

- (i) Ph.D qualification : 9
- (ii) Post Graduation Qualification: 21
- (iii) Any Other (specify) : Nil

(b) FSR Ratio: UG : 17.12                      PG: 16.67

**Calculation for Student Faculty Ratio**

Year	2021-22 CAY
Second year	
Third Year	128
Final Year	143
Total	140
Number of faculty in the department	411
Student Faculty Ratio = (UG/F)	27
PG first year	17.12
PG second year	25
Total	25
Number of faculty in the department	50
Student Faculty ratio = (PG/F)	3
	16.67

(c) Teaching Experience (within CBIT) of the Faculty in the Department:

Tenure	No. of Faculty
More than 15 Years	14
Between 8 to 15 Years	5
Between 1 to 8 Years	9
Below 1 Year	2

(d) Consolidated Experience of the teaching faculty considering outside experience.

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	Dr K Jagannad	Prof & HOD	Ph D	30-03-2007	15	16	31

	ha Rao							
2	Dr. M. Koti Redd y	Professo r	Ph D	10-08-1 988	33	1		34
3	Dr. M. V. Krish na Rao	Professo r	Ph D	18-04-1 991	31	1.5		32.5
4	S.S.V. Chala m	Professo r	M.E	28-07-1 988	34	1		35
5	Prof. P. Sreeni vas Sarma	Professo r	M.E	12-06-1 986	36	1		37
6	Sri. A. Balaji Rao	Associat e Professo r	M.Tech	04-08-1 990	32	2.5		34.5
7	Dr. N.R. Daksh ina Murth y	Associat e Professo r	Ph D	22-07-2 014	8	17		25
8	Sri. G. Bhask ar Redd y	Assistant Professo r	M.E	22-08-1 990	32	1		33
9	Sri. T. Vasud eva Rao	Assistant Professo r	M.Tech	14-10-2 000	22	6		28
10	Smt. K. Mana sa	Assistant Professo r	M.S	04-05-2 009	13	0		13
11	Sri. P. Sriniv as Redd y	Assistant Professo r	M.E	31-01-2 011	11.5	12		22.5
12	Sri. K. Kotes wara Rao	Assistant Professo r	M.E	20-09-2 012	10	24		34
13	Sri. R. Ranga Redd y	Assistant Professo r	M.E	20-09-2 012	10	20		30



14	Sri. K. Vivek	Assistant Professor	M.E	02-08-2010	12	2	14
15	Sri. R. Swami Ranga Reddy	Assistant Professor	M.Tech	02-11-2016	6	1	7
16	Smt. Aswari Sultana Begum	Assistant Professor	M.Tech	07-11-2016	6	19	25
17	Sri. E. Maheshwar Reddy	Assistant Professor	M.S	29-06-2018	4	9	13
18	Sri. Ramana Sankrithi	Assistant Professor	M.Tech	11-07-2019	3	12	15
19	Dr. P. Yugendar	Assistant Professor	Ph.D	24-06-2019	2.5	0	2.5
20	Sri. G. Viswanath	Assistant Professor	M.E	29-06-2019	3	0	3
21	Sri. M. Kalyan	Assistant Professor	M.Tech	01-03-2016	6	0	6
22	Smt. N.Lalitha Kumari	Assistant Professor	M.Tech	08-03-2016	6	0.5	6.5
23	Smt. Karthika Kishore Koka	Assistant Professor	M.Tech	13-12-2018	3	1.5	4.5
24	Dr. T. Chaitanya Srikrishna	Assistant Professor	Ph D	16-10-2021	8 months	3.5	4.3
25	Dr. Jnana Ranjan	Assistant Professor	Ph D	02-11-2021	7 months	1	1.5



	Khuntia							
26	Dr. Mohd Aamir	Assistant Professor	Ph D	28-02-2022	4 months	0		4 months
27	Dr. K Preethi	Assistant Professor	Ph D	02-03-2022	4 months	0		4 months
28	Dr. Srikanth Koniki	Assistant Professor	Ph D	04-03-2022	4 months	2		2.5
29	Sri. V. Sai Teja	Assistant Professor	M.Tech	28-01-2021	1	0.5		1.5
30	Ms. MRL Aparna	Assistant Professor	M.Tech	03-03-2021	0	2.5		2.5

- 3 Details of Supporting Staff ✓
- (a) Lab Assistants : 01  
(b) Technicians : 07  
(c) Programmers - Nil  
(d) Assistant Programmers : 01  
(e) Computer Operators : Nil  
(f) Skilled Assistants : Nil  
(g) Attenders : 04

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1	Smt. K. Vasantha Lakshmi	Lab Assistant	LAA	05-08-1987	36	0	36
2	Sri. A. Rajashekar	Technician - I	ITI	01-02-1987	35	0	35
3	Sri.T. Venkateswarlu	Assistant Programmer	M.Tech(CS)	18-08-2005	19	5	24
4	Sri K. Balaiah	Technician - III	ITI	01-11-1988	34	0	34
5	Smt. B. Bhagya Lakshmi	Technician - III	B.Tech(IT)	19-09-2013	9	0	9
6	Ms.A.Dakshayani	Technician - III	B.Tech(Civil)	06-09-2017	4	0	4

7	Sri.B.Vinay	Technician - III	Diploma in Civil Engineering	22-11-2021	7 months	0	0.5
8	Sri.T.Harinder	Technician - III	B Tech (Civil)	06-11-2021	7 months	4	4.5
9	Sri.A.Sri Vishnu	Technician - III		22-11-2021	7 months	6	6.5
10	Sri. PLN. Swamy	SAPP-Attender	ITI	26-06-1990	28	1	29
11	Sri. B. Yadagiri	SAPP-Attender	ITI	01-01-2005	19	0	19
12	T. Mallesh	Attender	ITI	31-8-2016	6	0	6
13	T. Pochaiah	Attender	4th std.	31-8-2016	6	1	7

(a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus— Nil ✓

(b) Evidences of syllabus for UG and PG Programs— NA ✓

5 (a) Report on three level Internal Audit Committee Findings and Action taken : ✓

Description	Availability of Internal Audit Findings Report	Availability of Action taken Report
Audit I	Reports are available as per requirement	--
Audit II	Identification and record of Remedial classes of few subjects are missing.	Faculty are advised to identify and take action for the same.
Audit III	For a few subjects, remedial measures on CO attainment (Based on CIE) are pending.  For a few subjects, Attainment calculations of COs are based on CIE and SEE and also compare with CO attainment of previous AY.	Faculty are advised to the action for the same.  Faculty are advised to update after getting the semester results for CoE.

(b) Report (with evidences) on supplementary Teaching Tools / ICT : Smart board in A203. ✓  
Several online apps like Google meet, and ZOOM are being used to conduct online classes, assignments, slip tests etc

(c) Any Other relevant information: Nil ✓

6

(a) Report on Laboratory-wise Facilities with the following data:

(i) Equipment /Software Details

- **Concrete Lab:** Proformeter, Flexural Testing Machine, Shake table, Impulse hammer, Concrete mixer , Aggregate Impact testing machine, Concrete Permeability Apparatus
- **Strength of Material Lab:** Plate load test apparatus (20T), CBR apparatus, Soil hydrometer, direct shear apparatus, soil samplers-SPT, vane shear apparatus, compaction test apparatus, permeability apparatus, core cutter, proctor, penetrometer, Algiers
- **Transportation Engineering Lab :** Ductility testing machines, Centrifuge (Bitumen) extractor, Electrically operator, Abrasion Testing machine, Dorry abrasion testing machine, Impact testing machine, Marshall Stability apparatus Fire and flash closed type apparatus
- **Surveying Lab:** DGPS, Hand held GPS, Advanced Total station with accessories, Auto level, Electronic digital theodolite
- **Hydraulic Engineering Lab:** Low speed wind tunnel, Gear pump, Francie's turbines test rig, Kaplan turbines test rig, Centrifugal pump test rig
- **Environmental Engineering Lab:** Atomic Absorption Spectro Photo Meter High Volume Sampler, BOD Incubator, Jar Test Apparatus, Flame Photo Meter, Digital Conductivity Meter, D.O, Analyzer, Nephlo Turbidity Meter, Soxlet Extent Extraction Heater

(ii) Procurement of additional equipment / Software (in the current academic year if any).

(b) Report on Consolidated Computing facilities in the Department ✓

(i) Number of PCs **69 (UG and PG Separately)**

(ii) List of the Software/ Software packages/Simulation Tools

- ANSYS, ABAQUS, MIDAS, STAAD pro, Visual MODFLOW FLEX and ETABS software on analysis & design of structures, Autocad

(iii) No of Printers available: **4 (UG-1, PG-1 Head room - 2 )**

(c) Availability of updated Stock Registers: **All the stock registers are updated upto 30 June 2022**

(d) Adoption of safety measures in the Department: ✓

Safety of students, teaching and non teaching staff has been the top most priority of the civil engineering department. The labs are ensured to be safe by performing periodical maintenance of the machinery as well as ensuring quality checks for the heavy equipment

1. The surveying and transportation engineering lab curriculum involve experiments that require students to go for field data collection. During these experiments the students are allowed if they are wearing all the safety gear like shoes, gloves and protective clothing
2. The students are advised to strictly follow all the safety instructions especially in labs such as environmental engineering where a few potential harmful chemical like sulphuric acid, hydrochloric acid etc., are used
3. Safety measures are displayed in each lab and all students are made aware of the same in the first lab session
4. All the labs, classrooms and seminar halls are provided with fire extinguishers

	<ol style="list-style-type: none"> <li>1. Safety shoes, gloves and aprons are used by students to handle process instruments, equipment, and chemicals.</li> <li>2. Insulated rubber mats are provided near all electrically operated equipment.</li> <li>3. Safety charts displayed on the lab.</li> <li>4. All safety rules related to Dos and Don'ts and First aid box are placed at respective places.</li> <li>5. First Aid kit, Fire Extinguisher, Telephone are available at all laboratories</li> <li>6. All sign boards are kept at respective places.</li> <li>7. All the instruments are provided with proper earth connection</li> <li>8. Storage of chemicals in EE lab are placed only in designated areas.</li> <li>9. Switching off the power supply to the experimental setup on completion of the experiment.</li> <li>10. Maintain clean and orderly laboratories, and work area.</li> <li>11. Motors are fixed with mesh covers for safe operation.</li> <li>12. Storage of raw materials (e.g.: gravel, cement, sand etc.) only in designated areas. Work surfaces and floors are kept dry and slip resistant</li> <li>13. Machines/ Equipment should not be operated by unauthorized persons.</li> <li>14. Any injuries should be reported immediately for proper care.</li> <li>15. Made sure that work areas are properly illuminated and free of debris.</li> <li>16. Proper ventilation is provided with exhaust fans wherever required.</li> <li>17. MCB and Stabilizer protection is ensured.</li> <li>18. Periodical servicing of the laboratory equipment.</li> </ol>	
7	<p>Report on Faculty Improvement/Enrichment Programmes : ✓</p> <p>(a) FDP /STTP/Workshops/Seminars organized by the Department :</p> <ul style="list-style-type: none"> <li>● Department of Civil Engineering organized a One-day workshop on “Advances in Transportation Engineering” 30th June, 2022. The speakers were Dr. V.V.Ramayya, Associate Professor, MGIT, Dr. M. Kumar, Professor, Osmania University, Dr. B.Sridhar, Professor &amp; Head, Vasavi College of Engg. Dr. K. Jagannadha Rao, Professor &amp; Head was the convener.</li> <li>● Department of Civil Engineering organized a Guest Lecture for IV semester B.E. students on “Digitization of Industrial Legacy Drawings” on 27th June, 2022. The speakers were Ms. Nisha Somani and Ms. Lahari Priya Canter CADD India Pvt. Ltd., Mehdipatnam Branch. Dr. Mohd Aamir and Dr. T. Chaitanya Srikrishna, Asst. Proof., Civil Engg., were the coordinators.</li> <li>● Department of Civil Engineering and Mechanical Engineering jointly organized an Expert Lecture for II-year B.E. students on “Green Buildings/ Energy Modeling/ Digital Twins” on 15th June, 2022. The speaker was Sri. Srimannarayan, an Alumnus of CBIT, 2007 batch.</li> </ul>	



- Department of Civil Engineering organized a Guest Lecture for IV semester B.E. students on “Challenges in Bridge Construction- Career opportunities in USA” on 3rd June, 2022. The speaker was Mr. Srinivas Gunna, an Alumnus of CBIT, 1987 batch. Sri. P. Srinivas Reddy, Sri. G. Viswanath and Sr. V. Sai Teja, Asst. Prof., Civil Engg. was the coordinator.

(b) Conferences organized by the Department: Nil ✓

(c) FDP /STTP/Workshops/Seminars attended by the faculty: ✓

S No	Faculty	FDP/STTP/ Workshop Seminar	Event title	Organizing Institute	Period
1	Dr K Jagannadha Rao	AICTE-ISTE approved Orientation/ Refresher Programme	Design Thinking and Innovations	NRI Institute of Technology, A.P.	7th -13th January, 2022
2	Dr K Jagannadha Rao	AICTE-ISTE approved Orientation/ Refresher Programme	Repair, Rehabilitatin and retrofitting of RCC structures	ADCET, Ashta, Maharashtra	20th -27th January, 2022
3	Dr K Jagannadha Rao	AICTE sponsored online Workshop	PARAKH (3rd batch)	NRI Institute of Technology, A.P.	5th-19th February, 2022
4	Dr K Jagannadha Rao	One Week FDP	Advancements in the Field of Civil Engineering: Theory and Practice	Pravara Rural Engineering College, Loni, Maharashtra	21-26 Feb 2022
3	Dr. M. V. Krishna Rao	AICTE-ISTE approved Orientation/ Refresher Programme	Additive Manufacturing in Medical and emerging application	VCE, Hyderabad	27th Jan-2nd Feb, 2022



4	A. Balaji Rao	AICTE approved GIAN course	Experimental Model Analysis: Application in Civil & Mechanical Engineering Systems	NIT Warangal	Jan 31-Feb 4, 2022.
5	Dr. T. Chaitanya Srikrishna	FDP	Ecological and Eco-Efficient Construction Practices	SKIT Jaipur	January 17-21, 2022
6	Dr Jnanranjan Khuntia	FDP	Ecological and Eco-Efficient Construction Practices	SKIT Jaipur	January 17-21, 2022
7	Dr T Chaitanya Srikrishna	Webinar	Glacial Lake Outburst Floods (GLOF): An Insight	Jaypee Univ. of Inf. & Tech., Wagnaghat, HP	January 29, 2022
8	Dr JnanRanjan Khuntia	Training Program through Distance Learning	Big Data Applications in Water Resources and Hydro Informatics	Central Water Commission, National Water Academy, Pune	17-21 Jan 2022
9	Dr T Chaitanya Srikrishna	STTP	Landuse Landcover Mapping using Remote Sensing	National Water Academy, Pune	15-17 March 2022
10	Dr JnanRanjan Khuntia	STTP	Landuse Landcover Mapping using Remote Sensing	National Water Academy, Pune	15-17 March 2022

11	Dr Mohd Aamir	STTP	Landuse Landcover Mapping using Remote Sensing	National Water Academy, Pune	15-17 March 2022
12	Dr T Chaitanya Srikrishna	FDP	Materials in Civil Engineering	VITS, Hyderabad	21-26 March 2022
13	Dr Mohd Aamir	FDP	Materials in Civil Engineering	VITS, Hyderabad	21-26 March 2022
14	P Srinivas Reddy	FDP	Establishment and Management of Business Incubators	Ni-MSME, Hyderabad	10-12 March 2022
15	N Lalitha Kumari	12 week online NPTEL course	Structural Dynamics	IIIT Hyderabad	Jan 2022-April 2022
16	N Lalitha Kumari	12 week online NPTEL course	Repair and Retrofitting of Civil Infrastructure	IIT Kharagpur	Jan 2022 - April 2022
17	M Kalyan	8 week online NITTT Module	Module 4 Instructional Planning and Delivery	NITTT Chennai	Sep-Oct 2021
18	N Lalitha Kumari	8 week online NITTT Module	Module 4 Instructional Planning and Delivery	NITTT Chennai	Sep-Oct 2021
19	N Lalitha Kumari	8 week online NITTT Module	Module 6 Student Assessment and Evaluation	NITTT Chennai	Sep-Oct 2021
20	G.Viswanath	8 week online NITTT Module	Module 4 Instructional Planning and Delivery	NITTT Chennai	Sep-Oct 2021
21	G.Viswanath	8 week online NITTT Module	Module 6 Student Assessment and Evaluation	NITTT Chennai	Sep-Oct 2021
17	G Viswanath	FDP	Autonomous Systems and Technologies	C-DAC, Trivandrum, & TiHAN,	23-25 March 2022

(e) Any Other relevant information:

1. Dr. K. Jagannadha Rao has reviewed and submitted the comments on one manuscript of Journal of Building Engineering, Elsevier (JBE-D-22-03489) on May 27, 2022.

2. Dr. Jnana Ranjan Khuntia has reviewed and submitted the comments on one manuscript of Sustainable Water Resources Management (SWAM), Springer (SWAM-D-21-00444) on March 6, 2022.

8 (a) Report on Research Publications:

(i) No. of publications in Journals

- National : 0 ✓
- International : 3 ✓

*Staff are advised to concentrate more on Evaluation Parameter in the NIRF ranking of the institutions.*

[https://drive.google.com/file/d/1iVD\\_sCVV9YcLTtTjeXwD3RNzG3OdiU-2/view?usp=sharing](https://drive.google.com/file/d/1iVD_sCVV9YcLTtTjeXwD3RNzG3OdiU-2/view?usp=sharing)

Sr. No.	Name of the faculty	Title of the paper	Journal
1 ✓	Vani S1 ChandraSekhar Ramanarayan Sankriti Aparna G	Detection of normal and epileptic EEG signals using by lifting based HAAR wavelet transform and artificial neural network	The Society for Reliability Engineering, Quality and Operations Management (SREQOM), India and The Division of Operation and Maintenance, Lulea University of Technology, Sweden 2021
2 ✓	Dr. C. Jenifer Latha Ramanarayan Sankriti Dr. Sudha Arvind Ali Baig Mohammed Dr. MS MARIAM Jenabhar	Neural Network Based Prolong Structural Building Monitoring Management System Using Hybrid Wireless Sensor Network	Natural Volatiles and Essential Oils
3 ✓	C. Jenifa Latha , K. Kalaiselvi, S. Ramanarayan, R. Srivel, S. Vani, T. V. M. Sairam	Dynamic convolutional neural network based e-waste management and optimized collection planning	Concurrency and Computation: Practice and Experience

				IIT Hyd	
16	Dr T Chaitanya Sri Krishna	Training Program	Two-day in house faculty training Program	IQAC, CBIT	23 & 30 April 2022
17	Dr Jnana Ranjan Khuntia	Training Program	Two-day in house faculty training Program	IQAC, CBIT	23 & 30 April 2022
18	Dr Mohd Aamir	Training Program	Two-day in house faculty training Program	IQAC, CBIT	23 & 30 April 2022
19	Dr Srikanth K	Training Program	Two-day in house faculty training Program	IQAC, CBIT	23 & 30 April 2022
20	Dr Preethi K	Training Program	Two-day in house faculty training Program	IQAC, CBIT	23 & 30 April 2022
21	Ramnarayan Sankriti	Training Program	Two-day in house faculty training Program	IQAC, CBIT	23 & 30 April 2022
22	G Viswanath	Training Program	Two-day in house faculty training Program	IQAC, CBIT	23 & 30 April 2022

(d) Conferences attended by the Faculty:

Sl No.	Faculty Name	Conference	Organized by	Date
1	Dr K Jagannadha Rao	International Conference on Advances in Material Science 2021 (ICAMS2021) (online mode)		23-25 December 2021
2	Dr. Jnana Ranjan Khuntia	HYDRO 2021	SVNIT, Surat, Gujarat	23-25 December 2021

(ii) No. of publications in Conferences

• National : 0 ✓

• International : 12 ✓

<https://drive.google.com/file/d/1AT0IEorpAyLMmyiRzVbqJCQCQq0m8Ms8/view?usp=sharing>

Sr. No.	Name of the faculty	Title of the paper	
1 ✓	K. Ranjetha U. Johnson Alengaram Ahmed Mahmoud Alnahhal S. Karthick W.J. Wan Zurina K.J. Rao	Towards sustainable construction through the application of low carbon footprint products	Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering
2 ✓	Bhotla Harish N.R. Dakshinamurthy Malegam Sridhar K. Jagannadha Rao	A study on mechanical properties of high strength concrete with alccofine as partial replacement of cement	Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering
3 ✓	V Krishna Rao Mupparisetty Faeq Ahmed Mohammed	Crushed stone dust as a replacement for river sand in self compacting repair mortars – A sustainable solution	Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering
4 ✓	Pradeep Gunda Vimala Anthugari	Optimization of location of outrigger system in tall buildings of different aspect ratios	Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering
5 ✓	Mrudula Chanumolu Dr.Vimala Anthugari	Dynamic performance of soft-storey structures with gap elements at beam-column joints	Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering
6 ✓	A. Balaji Rao P.Srinivas Reddy, Ch. Meghana Shaly	Mode shape modification of irregular design of buildings	Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering
7 ✓	Y. Kusuma, T. Rashmi, V. Nikitha Anand, N.C. Balaji	An experimental study on flexural performance of RC beams strengthened by	Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering



		NSM technique using GFRP strips for a resilient infrastructure system	
8 ✓	R. Swami Ranga Reddy B. Anand Sagar	Experimental study on mechanical and durability properties of recycled aggregate based geo-polymer concrete	Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering
9 ✓	Ramanarayan Sankriti Saravanan Subbarayan Aswari Sultana Begum Allu Venkatakrishna Reddy Banoth Naveen	EVALUATION OF WATER QUALITY INDEX IN GANDIPET LAKE SURROUNDINGS	Sustainable Approach For Resilient Infrastructure
10 ✓	M. V. Krishna Rao , G. Tarun & V. Hari Leela	Workers Safety at Indian Construction Sites—A Survey	Lecture Notes in civil engineering
11 ✓	D. Harinder P. Yugendar S. Shankar	Experimental assessment of coir geotextile to improve the strength of weak subgrade at different load conditions	International Conference on Design, Manufacturing and Materials Engineering

(b) Report on Patents/ copyrights/Industrial Designs :

(i) Published: 1 ✓

<https://drive.google.com/file/d/1cvunA7ZQfSfxJDAx9Dboy2myBEf2PtCC/view?usp=sharing>

(ii) Granted: 1 ✓

<https://drive.google.com/file/d/1-PUioPIV06SdOfccWtiq0zqcBcyUkycI/view?usp=sharing>

9 (a) Report on Ongoing Research/Sponsored Research Project Details: ✓

Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status
Thermo Structural Studies on RCC Structures for Impact Analysis	Dr. N. Janardhan (P.I.) Dr. M. S. Murali Krishna (Co-P.I.) Dr. K. Jagannadha Rao (Co-P.I.) Dr. Kalyana Rama J (Co-P.I.)	DRDO	Rs. 9.89 lakhs	Sanctioned
Any Other relevant information:				

The following project proposals have been submitted: ✓

1. Dr. Jnana Ranjan Khuntia (Co-Investigator 1) and Dr. Kamalini Devi (PI) & Dr. Bhabani Shankar Das (Co-PI 2) prepared and to be submitted a proposal on “Unsteady Flow Modelling of Indian rivers: A study on River Ganga and River Mahanadi” under Core Research Grant (CRG), SERB, DST, GoI for duration of 36 months and budget 68,08,032 INR on May 2, 2022. HoD has verified and approved the proposal. The presentation.

2. Dr. Mohd. Aamir (Principal Investigator) and Dr Jnana Ranjan Kkhuntia & Dr. K. Jagannadha Rao (Co-PIs) submitted a proposal on “Experimental and Numerical study of wave-induced scour around hydraulic structures” under Core Research Grant (CRG), SERB DST, GoI for duration of 36 months and budget 79,04,374 INR on April 30, 2022. HoD has verified and approved the proposal. The presentation for the same was completed and approved for submission on 28th April 2022.

3. Dr. T. Chaitanya Srikrishna (Principal Investigator) submitted a proposal on “Sustainable Utilization of PET Bottles and Fly ash for Alkali Activated Hollow Building Blocks” at TSCOST under Project Related Grants (PRG), DST, GoI for duration 12 months and budget 4.93 Lakhs on January 31, 2022.

(b) Report on Consultancy Details: ✓

Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)
Dr.NR Dakshina Murthy	Anuhar homes	compressive strength of c.c cubes	3000
T Vasudeva Rao	Anuhar homes	tensile strength, young's modulus, % elongation, weightage etc	8100
Prof SSV Chalam	Dr.G.Sudhakar reddy	field survey	8474
Dr.NR Dakshina Murthy	Bricking company	compressive strength of fly ash bricks	2000
Prof SSV Chalam	GHMC	Proposing a cycle track in Indira Park , Hyderabad	34692
Prof SSV Chalam	GHMC	Proposing a cycle track	57820
A Balaji Rao	Ridge consultancy		50,000
G Viswanath	Right Constructions Pune	abrasion, impact, water absorption, and gradation	4000

Dr. NR Dakshina Murthy	G & J Infra	compressive strength of cc cubes	1000
Dr. NR Dakshina Murthy	Sri Aditya Homes	compressive strength of cc cubes	6000
T Vasudeva Rao	Sri Aditya Homes	physical properties of steel	12600
Dr. NR Dakshina Murthy	G & J Infra	compressive strength of cc cubes	1000

Any Other relevant information \_\_\_\_\_

10 Report on Student Projects and their outcomes in terms of publications/ IPR

(CAYm1)

(a) UG ✓

[https://docs.google.com/spreadsheets/d/1Arv4uvtRx58w0qw15\\_ro-e3S58O18JvwEhnFtdjrpK0/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1Arv4uvtRx58w0qw15_ro-e3S58O18JvwEhnFtdjrpK0/edit?usp=sharing)

(b) PG ✓

S.No	Roll Number	Name of The Student	Major Project Topic	Name of the Guide
1	1601-19-741-001	Sandiri Tharun	Seismic Retrofitting of RC structures by Pushover Analysis	A.Balaji Rao
2	1601-19-741-002	Mahammad Fayeemuddin	Wind and Earthquake Analysis of Irregular Buildings	Dr.AVimala
3	1601-19-741-003	Alagandula Animisha	Self-Compacting Geopolymer Concrete	Dr K Jagannadha
4	1601-19-741-004	Kathi Lavanya	Optimum Angle of Diagrid Structures	Dr.AVimala

5	1601-19-741-005	Malegam Sridhar	Experimental Study on Recycled Aggregate Concrete with Bottom Ash as Partial Replacement of Fine Aggregate	N R Dakshina Murthy
6	1601-19-741-006	Vignesh Alakuntla	Dynamic Analysis of a Multi-Storied Building	T.Vasudeva Rao
7	1601-19-741-007	Syed Muzammil Hyder Razvi	Assessment of Performance of the Structure Equipped with FVD under Seismic Loading	A.Balaji Rao
8	1601-19-741-008	Giramoni Sai Vaishnavi	Shear Wall Design	Dr.A Vimala
9	1601-19-741-009	Aggimalla Swathi	Experimental study on Partial Replacement of Fine Aggregate with Bottom Ash	N R Dakshina Murthy
10	1601-19-741-010	Himaja Bompelli	Seismic Pounding	P.SreenivasSarma
11	1601-19-741-011	Devath Bhadrakali	Experimental study on Behaviour of concrete as Partial Replacement of Cement with Flyash	N R Dakshina Murthy
12	1601-19-741-012	S Karthik Yadav	Thermal Analysis of a Multi-storey Building using Ansys Software	A.Balaji Rao

13	1601-19-741-0 13	A Shiva Prasad Reddy	Study on Behaviour of Structural Systems for Tall buildings subjected to Lateral Loads	K KOTESWARA RAO
14	1601-19-741-0 14	M Sai Chetan	Diagrid Structure	Dr.A Vimala
15	1601-19-741-0 15	Khaja Moinuddin	Self Curing Concrete	M Kalyan
16	1601-19-741-0 16	Salendra Manogna	Modelling of Infill walls for Seismic Analysis of Multi Storey Buildings	M. Koti Reddy
17	1601-19-741-0 17	Mohd Rashid Iqbal	Non-linear Dynamic Analysis of Irregular Structures using Seismic Control Methods	M. Kalyan

18	1601-19-741-01 8	Ayalasomayajula Srividya	Modelling Issues in Structural Analysis	P.SreenivasSarma
19	1601-19-741-01 9	Yallala Shaik Abuzar	Behaviour of Two Adjacent Building Connected by Dampers for Mitigation of Structural Pounding during Earthquake	M. Koti Reddy



20	1601-19-741-02 0	Mohd Taqui	Parametric Study on the Analysis and Design of Dome Structures	T.Vasudeva Rao
21	1601-19-741-02 1	Gadde Girish	Wind Load Analysis of a RCC Framed Structure using STAAD Pro	K KOTESWARA RAO
22	1601-19-741-02 2	I Sai Sandeep	Numerical studies on the Critical Parameters for the Seismic Performance of Tall Buildings	P.SreenivasSarma
23	1601-19-741-02 3	Syed Abdul Hai	Structural system of Tall Buildings	Dr K Jagannadha
24	1601-19-741-02 4	Thummeti Revanth Kumar Reddy	Durability studies on Self Curing Concrete using PEG as Self Curing Agent	M.Kalyan
25	1601-18-741-00 5	P. Vinay	Seismic analysis and design of vertically irregular rc building frames	K.V.Vivek

26	1601-18-741-006	S. Sadhana	Seismic response of cable stayed bridge with different cable arrangements	Dr. K. Jagannadha Rao
27	1601-18-741-007	T. Neeraj	Comparitive study on seismic behaviour of coupled shearwall in l-shaped buildings	Dr. K. Jagannadha Rao
28	1601-17-741-018	B. Anand SagarRathod	Studies on strength and durability characteristic of RC based geo polymer concrete	R.Swamy Ranga Reddy

11 Report on MoUs and Ongoing /Completed Activities: ✓

S.No	Name of the Company	Agreement period	Objectives
1	Satyavani projects and consultants Pvt. Ltd	2 years (Dt. 22nd June 2020)	Internships to students, Field oriented student projects. Placement opportunities, career counseling. Field visits to relevant industry sites.
2	NHAI	5 years (Date : 3rd September 2020)	To Facilitate the faculty researchers students to familiarize with the latest trends in

			highway/transportation sector and facilitate to bridge the industry institution gap
3	Smart Built Prefab Pvt. Ltd	Ongoing since	To support development of PREFAB technologies and conduct various tests required for design
4	Smart Infra Structural Engineering Services Trust	Life membership	Conducting technical events, internships to students,

12 Report on Library, Internet & other facilities:

(a) Library and Information Centre

(Furnish Programme-wise Details):

- (i) Number of Titles: \_\_\_\_\_
- (ii) Total volumes of Books: \_\_\_\_\_
- (iii) Number of Journals: \_\_\_\_\_
- (iv) Online Journals Subscriptions: \_\_\_\_\_
- (v) Online e-books Subscriptions: \_\_\_\_\_
- (vi) Any other item: \_\_\_\_\_

(b) Department Library:

(Furnish Programme-wise Details):

- (i) Number of Titles: 32
- (ii) Total volumes of Books: 100

(c) Internet Connectivity: The department is having good internet connectivity and also CBIT wifi is available

13 Report on Placement, Internship and Training activities:

(a) Placement Activities:

- (i) Number of companies Visited: 37
- (ii) Number of Students Placed: 48
- (iii) Highest Salary offered : **Rs. 7.6 Lakhs Per Annum**
- (iv) Average salary offered : **Rs. 4.94 Lakhs Per annum**

*Consolidated Report to be prepared.*

(v) Median Salary offered : **Rs. 4 Lakhs Per annum**

<https://drive.google.com/file/d/1Zn--RyaN-ZgHGuShJMB8qSmWO6DxbU7h/view?usp=sharing>

(b) Internship Activities:

- (i) Number of Organizations offered Internships : **8**
- (ii) Number of Students carried out Internships : **12**
- (iii) Number of Internships carried out with stipend: **10**
- (iv) Total Number of Internships: **12**

(v) Highest Stipend offered : **Rs. 10,000 per month**

<https://drive.google.com/drive/folders/1b4qAXKX1WxHXeC4We9uIQnMGVsTobb2d?usp=sharing>

(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre / your Department:

1. Mr. Y Hemanth Reddy, Technical Director, SKILTON has delivered a Guest Lecture on the topic "Industry Readiness and Career Guidance" on 4th March, 2022 at 11:20 AM in the Assembly Hall (Above Canteen) for IV semester students of CED.

14

CAYm1

(a) Report on overall Results (B.E/B.Tech)

- (i) Overall Pass Percentage: 75.12 %
- (ii) Percentage of Distinctions: 50.24
- (iii) Percentage of First Classes: 20.4

Note : Report on CO and PO attainments are to be evidenced

(b) Report on Semester wise results (B.E/B.Tech)

- I Semester Pass % : 50.4 %
- II Semester Pass % : Semester in progress
- III Semester Pass % : 62.31
- IV Semester Pass % : Not Yet Released
- V Semester Pass % : 65.73 %
- VI Semester Pass % : 79.58 %
- VII Semester Pass % : 86.96 %
- VIII Semester Pass % : 97.1 %

	<p>VIII Semester Pass %: 97.1 %</p> <p>Number of Students discontinued from the program: 0</p> <p>(c) Report on overall Results (PG Programs : M.E in Structural Engineering)</p> <p>(i) Overall Pass Percentage: 100 %</p> <p>(ii) Percentage of Distinctions: 60.71 %</p> <p>(iii)Percentage of First Classes:39.29 %</p> <p>Note : Report on CO and PO attainments are to be evidenced</p> <p>(d) Report on Semester wise results (PG Programs : M.E in Structural Engineering)</p> <p>I Semester Pass % : 84%</p> <p>II Semester Pass % : 76%</p> <p>III Semester Pass % : 100%</p> <p>IV Semester Pass % : 100%</p> <p>Number of Students discontinued the program: Nil</p>	
15	<p>(CAYm1)</p> <p>Report on Co-Curricular and Extra-Curricular Activities (with evidences) :</p> <p>Students' achievements- Sudhee &amp; Shruthi 2022</p> <ol style="list-style-type: none"> <li>1. Men's (Student) Overall Champion in Annual Sports meet, Shruthi 2022.</li> <li>2. Women's (Student) Overall Champion in Annual Sports meet, Shruthi 2022.</li> <li>3. Mrs. Lalitha Kumari won First prize in Badminton, Second prize in Throw ball in Shruthi 2022.</li> <li>4. Sri. Ramanarayan Sankriti won second Prize in Chess in Shruthi 2022.</li> </ol>	
16	<p>(a) Report on Stakeholder's feedback</p> <p>Evidences of Feedback reports and action proposed /taken for</p> <p>(i) Program exit survey: These details are collected from the final year students using LMS platform ✓</p> <p>(ii) Course exit survey: These details are collected for each subject by the concerned faculty using the LMS platform ✓</p> <p>(iii)Alumni: The feedback is collected from the alumni during the alumni day celebrations 25 December 2021 ✓</p> <p><a href="https://docs.google.com/spreadsheets/d/1AEoIsjU5h8-EiVJVofEfJ46Dk3BG5XI-F/edit?usp=sharing&amp;oid=115933929456618474230&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/1AEoIsjU5h8-EiVJVofEfJ46Dk3BG5XI-F/edit?usp=sharing&amp;oid=115933929456618474230&amp;rtpof=true&amp;sd=true</a></p> <p>(iv)Employers:Nil ✓</p> <p>(v) Parents: Nil ✓</p> <p><i>feedback report of the Stake Holder's to be prepared.</i></p> <p>(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports : Nil ✓</p>	<p><i>Holder's</i></p>



17 Report on Minutes of meetings and also on action taken/initiated respectively

- (a) Board of Studies  
<https://drive.google.com/file/d/131xErnE8GQBHASqjx4X8kqjGezup1HZY/view?usp=sharing>
- (b) Department Advisory Board ✓
- (c) Department Research Committee - NA
- (d) Programme Assessment and Quality Improvement Committee ✓
- (e) Course Expert Group ✓
- (f) Common Course Committee ✓
- (g) Multiple Course Committee ✓
- (h) Any other Academic Committee

18 Report on Student mentoring and counseling process with evidences:

Each student is assigned a mentor in the first year of his joining. The number of students assigned for each mentor is limited to 20 students. The mentor will conduct weekly meetings with these students at stipulated time. The students are required to fill the progress report with the details about their attendance and marks obtained in the CIE (Continuous Internal Evaluation) process. The students with minimum marks are encouraged to explain their reasons like difficulty in understanding the subject, health issues etc. The mentors then try to resolve the issues and follow up meetings will be held to ensure that the problem is solved.

19 Report on Infrastructural Details of the Department :

- (a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc

S.No	Description	Hall/Room Numbers	Area (inSq mts)
1.	Class Room	A201	69.14
2.	Class Room	A202	69.14
3.	Class Room	A204	69.14
4.	Class Room	A301	69.14
5.	Class Room	A302	69.14
6.	Class Room	A303	69.14
7.	Class Room	A304	69.14
8.	PG Class Room	PG301	71.44
9.	PG Class Room	PG302	71.44
10.	Digital Class Room	A203	69.14
11.	Drawing Hall	B301	176.21

Other Facilities

1.	HOD Room & Office		92
2.	Seminar Hall	M101	106.67
3.	Staff Rooms (22 No.s)	A block	279.46
4.	Department Library	A block ground floor	20.73
LABS			
1.	Surveying & Geomatics Lab		58.31
2.	Environmental Engg lab		90.06
3.	Concrete Lab		359.1
4.	Solid Mechanics Lab		147.9
5.	Engineering Geology Lab		60.01
6.	Transportation Engg Lab		60.21
7.	Fluid Mechanics Lab		379.8
8.	GeoTechnical Lab		94.76
9.	UG Computer Lab		80.72
10.	PG Computer Lab		45.00
11.	Seminar Hall		180.09
<p>(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories: 12</p> <p>(c) Information on any other Teaching Aids: Nil</p>			
20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same:		
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same:		
22	<p>Any other Relevant information :</p> <p>Awards/Special Recognitions</p> <p>1. Dr. K. Jagannadha Rao invited to be a member of International Technical Committee in 10th International Conference on Civil Engineering (ICCEN 2022) will be held during September 23-25, 2022 in Singapore.</p>		

2. Dr. Jnana Rranjan Khuntia participated as Guest of Honor and session chair in the inaugural function and technical session respectively at the International Two-Day Online Conference titled "Revolutionary Technology in Civil Engineering" (ICRTCE-2022), held online at SMEC, Secunderabad during 10th-11th March 2022.

3. Dr. Jnana Ranjan Khuntia has received G.M. Nawathe Best Paper Award 2021 by Indian Society for Hydraulics at SVNIT Surat, 23-25 December 2021 for best paper presented in HYDRO 2020 International Conference held at NIT Rourkela.

4. Dr. Jnana Ranjan Khuntia (as co-author) has received second prize in the theme of Fluvial Hydraulics during HYDRO 2021 International Conference held at SVNIT Surat, 23-25 December 2021.

*Note: Files are to be maintained separately category wise:*  
Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Dr. A.D. SARMA professor in ECE	<i>A.D. Sarma</i> *	18/08/2022
Dr. K. SAGAR	<i>K. Sagar</i>	18/08/2022

\* The faculty are advised to concentrate more on the evaluating parameters that matter in NIRF ranking of the institution. *A.D. Sarma*

Signature of HoD



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075. www.cb.it.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

# 43

years

## Audit Report

Department : Civil Engineering  
 Auditor team : Prof. A.D. Sarma Director R&D  
 Date of Audit : Prof. K.Sagar, Professor, Dept. of CSE  
 : 18 August 2022

### i. Publications, Research projects and patents

S. No	Publications		Sanctioned Projects				Patents			Remarks		
	Scopus	Web of Science	Sponsored Amount	Consultancy amount		Published	Granted					
				2020-21	2021-22		2020-21	2021-22	2020-21		2021-22	
1	7	10	NIL	NIL	0	9.5 Lakhs	2.73 Lakhs	1.88 Lakhs	NIL	1	NIL	1

### ii. The best 5 actions that are taken by the department based on the year 2020-21 feedback of Alumnae, Stakeholders and Students

S. No	Action	Remarks
1.	A guest Lecturer was arranged on legacy of snowstrical drawing by Canter Cad of India Pvt.Ltd.	
2.	Two Lectures were arranged by alumni during 2021-22.	
3.	Some of students are sent individually for internship as per their interest.	
4.	An Int. Conf. was organised during 26-27 June 2021 on Sustainable approach for Resilient Infrastructure "IC-SAFRI-2021" to bring awareness on sustainability.	
5.	Mandatory Internships are introduced in R-20 as per AICTE guidelines.	

### iii. Strength of the Department

S. No	Total Number of Faculty	Regular Faculty		Contract Faculty		No. of Faculty Pursuing Ph.D
		With Ph.D	Without Ph.D	With Ph.D	Without Ph.D	
1	28	6	18	NIL	4	

27 5 18

Signature of HoD





# **DEPARTMENT OF MCA**

**Academic & Administrative Audit**

**August 2022**

**Welcome to the**

**Members of the Audit Committee**

**Prof. P. Venkata Prasad, CoE**

**Prof. P. Narahari Sastry, ECE Dept.**

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : Department of Master of Computer Applications
2. Date of Visit : 13 -08-2022
3. Members of the Audit Committee :
  - i. Prof. P. Venkata Prasad, CoE
  - ii. Prof. P. Narahari Sastry, ECED

**PART –II: ACADEMIC INFORMATION**

Sl. No	Particular	Remarks		
1	(a) Courses Offered			
	Name of the Program	Intake		
	MCA	30		
	Year of Commencement of the program	1991		
	(b) Availability of Time Tables : <u>Available – Please click for details</u>			
	(i) Consolidated Time Tables : NA			
	(ii) Class Time Tables : Yes			
	(iii) Individual Faculty Time Tables : Yes			
	(iv) Laboratory wise Time Tables : Yes			
	(v) Individual Non-Teaching/Faculty Time tables : Yes			
	(vi) Calendar : Yes			
2	Faculty Information:			
		Required	Available	
			Regular	Contract
	Professors	01	00	01 (Professor resigned on April 30 <sup>th</sup> 2022)
	Associate Professors	03	00	00
	Assistant Professor	08	06	02
Total(1:15)	12	06	03	

(a) Faculty members with

- (i) Ph.D qualification : 03
- (ii) Post-Graduation Qualification: 06
- (iii) Any Other (specify) : \_\_\_\_\_

(b) FSR Ratio (UG) : NA    PG: 1 : 18

(c) Teaching Experience (within CBIT) of the Faculty in the Department:

Tenure	No. of Faculty
More than 15 Years	03
Between 8 to 15Years	02
Between 1 to 8 Years	03
Below 1 Year	Nil

(d) Consolidated Experience of the teaching faculty considering outside experience.

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry) In yrs	Total Experience (in yrs)
1.	Dr.G.N.R. Prasad	Assistant Professor	MCA MPhil Ph.D	27/01/1997	25	0.5	25.5
2.	M.Kalidas	Assistant Professor	MTech (CSE) (Ph.D)	20/08/2001	21	12	33
3.	M.Ramachander	Assistant Professor	MTech (CSE), (Ph.D)	19/08/2006	16	0	16
4.	P. KrishnaPrasad	Assistant Professor	MTech (CSE)	01/07/2009	13	0	13
5.	B.S.S.S.P. Kumar	Assistant Professor	MTech (CST)	21-10-2013	09	05	14
6.	Dr. B.Indira	Assistant Professor	Ph.D (CS)	27-06-2018	04	22	26
7.	C.N.V.B.R. Sri Gowrinath	Assistant Professor	MTech (CSE)	02-03-2017	05	08	13
8.	Ramesh Ponnala	Assistant Professor	MTech (CSE) (PhD)	25-06-2018	04	10	14

3 Details of Supporting Staff

- (a) Lab Assistants : Not Applicable  
(b) Technicians : Not Applicable  
(c) Programmers : 02  
(d) Assistant Programmers : 0  
(e) Computer Operators : 0  
(f) Skilled Assistants : 0  
(g) Attenders : 01

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1	Ms. T.S.Praveena	Programmer	M.Sc., M.Tech	02-05-2001	21	0	21
2	Mr.V.Kondal Reddy	Programmer	M.Sc., (M.Tech)	24-02-1997	25	0	25
3	N.Vittalaih	Attender	V class	01-08-1997	25	0	25

4 (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus : R 20 Syllabus introduced from the A.Y. 2020-2021 – [Please click](#)  
(b) Evidences of syllabus for UG and PG Programs : Syllabus attached - [Please click](#)

5 (a) Report on three level Internal Audit Committee Findings and Action taken :

Description	Availability of Internal Audit Findings Report	Availability of Action taken Report
Audit I	Yes	--
Audit II	Yes	--
Audit III	Yes	--

(b) Report (with evidences) on supplementary Teaching Tools / ICT :  
Computer, Digital photocopy machine, digital Audio and Video devices, digital camera, scanner, DVD player and multimedia projector, Online Conference Tools : Zoom, Google Meet etc.

(c) Any Other relevant information: No

6 (a) Report on Laboratory-wise Facilities with the following data:  
(i) Equipment /Software Details - [Please click for details](#)  
(ii) Procurement of additional equipment / Software (in the current academic year if any). - Nil

(b) Report on Consolidated Computing facilities in the Department  
(i) Number of PCs : 30 + 36 = 66 ( MCA Lab 1 & Lab 2), Faculty: 04  
(ii) List of the Software/ Software packages/Simulation Tools - [Please click for details](#)  
Apart from the licensed software, MCA department is also using open source software.  
(iii) No of Printers available: 06

(c) Availability of updated Stock Registers: YES

(d) Adoption of safety measures in the Department:  

- In the corridors where laboratories are located, fire extinguishers are available.



Proper Ventilation is available to handle any short circuits or fire accidents.

7 Report on Faculty Improvement/Enrichment Programmes : [Please click here for details](#)

- (a) FDP /STTP/Workshops/Seminars organized by the Department : 03
- (b) Conferences organized by the Department: 01
- (c) FDP /STTP/Workshops/Seminars attended by the faculty: 22
- (d) Conferences attended by the Faculty: 15
- (e) Any Other relevant information:50

8 (a) Report on Research Publications: [Please click for details](#)

- (i) No. of publications in Journals
  - National : 01
  - International: 11
- (ii) No. of publications in Conferences
  - National : 05
  - International: 08

(b) Report on Patents/ copyrights/Industrial Designs: [Please click for details](#)

- (i) Published: 02
- (ii) Granted: Nil

9 (a) Report on Ongoing Research/Sponsored Research Project Details:

Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status
-------	----------------------	----------------	--------------	--------

NIL

Any Other relevant information \_\_\_\_\_

(b) Report on Consultancy Details:

Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)
------------------------------------	---------------------	------------------------------	-----------------------------

NIL

Any Other relevant information \_\_\_\_\_

10 Report on Student Projects and their outcomes in terms of publications/ IPR

(CAYm1)

a) UG

	b) PG : 06 publications - <a href="#">Please click for details</a>
11	Report on MoUs and Ongoing /Completed Activities : <b>Nil</b>
12	<p>Report on Library, Internet &amp; other facilities:</p> <p>(a) Library and Information Centre (Furnish Programme-wise Details):</p> <p>(i) Number of Titles: 1265+124 (ii) Total volumes of Books: 5307+402 (iii) Number of Journals: 14 (iv) Online Journals Subscriptions: 10 (v) Online e-books Subscriptions:12 (vi) Any other item:Online Public Access Catalogue -OPAC</p> <p>(b) Department Library: <b>No Library for MCA department.</b> (Furnish Programme-wise Details):</p> <p>(i) Number of Titles: _____ (ii) Total volumes of Books: _____</p> <p>(c) Internet Connectivity: Speed : 1 GBPS for entire college, Provider Name: Pioneer WiFi : EnGenius22FD22</p>

13 Report on Placement, Internship and Training activities

**Outgoing batch – R16 -**

<https://docs.google.com/spreadsheets/d/11HEDkolmlR29kq1brm42zxN-SteRIyxlAcjw-PtDIFg/edit?usp=drivesdk>

- (a) Placement Activities:
- (b) (i) Number of companies Visited: 18
  - (ii) Number of Students Placed: 29
  - (iii) Highest Salary offered : 9L PA(Invesco)
  - (iv) Average salary offered: 4.4 LPA
  - (v) Median Salary offered : 4LPA

Internship Activities:

- (i) Number of Organizations offered Internships : 04
- (ii) Number of Students carried out Internships : 18
- (iii) Number of Internships carried out with stipend: 11
- (iv) Total Number of Internships: 26
- (v) Highest Stipend offered : 20K PM(TASL)

**IV Sem – R20**

[https://drive.google.com/drive/folders/1vefbgVGxHZsr-r2TUoCSFCh\\_ISETQVnixii-xueg5upDERhIv2kkqThY\\_2uyyQnhEGysixol?usp=sharing](https://drive.google.com/drive/folders/1vefbgVGxHZsr-r2TUoCSFCh_ISETQVnixii-xueg5upDERhIv2kkqThY_2uyyQnhEGysixol?usp=sharing)

- (a) Placement Activities:
- (b) (i) Number of companies Visited: 18
  - (ii) Number of Students Placed: 45
  - (iii) Highest Salary offered : 14L PA
  - (iv) Average salary offered: 4 LPA
  - (v) Median Salary offered : 4.5 LPA

Internship Activities:

- (i) Number of Organizations offered Internships : 03
- (ii) Number of Students carried out Internships : 17
- (iii) Number of Internships carried out with stipend: 17
- (iv) Total Number of Internships: 17
- (v) Highest Stipend offered : 33000 PM

(a) Report on Training Activities/coding school activities/soft skills conducted for your Department

students by Career Development Centre/your Department: [Please click for details](#)

14

CAYm1

(a) Report on overall Results (B.E/B.Tech)

- (i) Overall Pass Percentage \_\_\_\_\_
- (ii) Percentage of Distinctions \_\_\_\_\_
- (iii) Percentage of First Classes \_\_\_\_\_

Note : Report on CO and PO attainments are to be evidenced

(b) Report on Semester wise results (B.E/B.Tech)

- I Semester Pass % \_\_\_\_\_
- II Semester Pass % \_\_\_\_\_
- III Semester Pass % \_\_\_\_\_
- IV Semester Pass % \_\_\_\_\_
- V Semester Pass % \_\_\_\_\_
- VI Semester Pass % \_\_\_\_\_
- VII Semester Pass % \_\_\_\_\_
- VIII Semester Pass % \_\_\_\_\_

Number of Students discontinued from the program: \_\_\_\_\_

(c) Report on overall Results (PG Programs : M.E/M.Tech/MBA/MCA) – [Please click for details](#)

- (i) Overall Pass Percentage : 93.18% (R16)
- (ii) Percentage of Distinctions : 88.64 %
- (iii) Percentage of First Classes: 4.55 %

(iv) Note : Report on CO and PO attainments are to be evidenced – [Please click for details](#)

(d) Report on Semester wise results

(PG Programs : M.E/M.Tech/MBA/MCA) – [Please click for details](#)

- I Semester Pass % : 93.75 %
- II Semester Pass % : In progress
- III Semester Pass % : 91.38 %
- IV Semester Pass % : In progress
- V Semester Pass % : 90.91%
- VI Semester Pass % : 100%

Number of Students discontinued the program : 03

15 (CAYm1)

Report on Co-Curricular and Extra-Curricular Activities (with evidences) : Nil

16

Report on Stakeholder's feedback :  
Evidences of Feedback reports and action proposed /taken for

- (i) Program exit survey : [Click for details](#)

- (ii) Course exit survey :
- (iii) Alumni :
- (iv) Employers : Yes
- (v) Parents : Yes

(a) Evidences of Feedback reports on the Faculty and action proposed/taken reports :

17 Report on Minutes of meetings and also on action taken/initiated respectively

- (a) Board of Studies : [Click for details](#)
- (b) Department Advisory Board :
- (c) Department Research Committee : [Click for details](#)
- (d) Programme Assessment & Quality Improvement Committee : [Click for details](#)
- (e) Course Expert Group : [Click for details](#)
- (f) Common Course Committee : Not Applicable
- (g) Multiple Course Committee : [Click for details](#)
- (h) Any other Academic Committee : Not Applicable

18 Report on Student mentoring and counseling process with evidences :

Available – [Please click for details](#)

19 Report on Infrastructural Details of the Department :

- (a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc

S.No	Description	Hall/Room Numbers	Area (in Sq mts)
1	Class Room	M-201	72
2	Class Room	M-308A	72
3	Class Room	M-308B	72
4	Class Room	M-308C	36
5	Laboratory	MCA LAB-I (B-201)	72
6	Laboratory	MCA LAB-II (B-202)	72
7	Staff Rooms - 3	C Block, Lab-VI	36
8	Staff Rooms – 2 (One is shared)	B Block	36
9	HoD's Room	C Block	36
10	Seminar Hall - shared	C-203	138.28

- (b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories : 06 .



(c) Information on any other Teaching Aids:

- i. Web cameras - 05.
- ii. Head Phones – 10
- iii. Speakers - 02



70 Any other Relevant information :

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Dr. P. Venkat Prasad		13/08/22
Dr. P. Narahari Sastri		13/8/22

  
Signature of HoD

## Auditor's Report

1. a. Need to include 60 intake details.  
b. Consolidate timetables (under compilation)
2. Faculty information.  
Dept. needs  $\rightarrow$  1 Prof.  
2 Associate Prof.
3. Need 1 Programmer since effectively only 1 programmer available.
4. Advised to shift Text book Publication from Patents section to Publication sectn.
5. Course exit survey needs to be taken at the end of the course.  
Alumni feedback needs to be taken.
6. DAB, PAQC committees need to be formed.

  
13/8

  
13/8/22

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

**Academic and Administrative Audit Form (For the Departments)**

**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022 (CAY: 2021-22)**

**PART – I: PRELIMINARY INFORMATION**

1. Name of the Department : **SCHOOL OF MANAGEMENT STUDIES (SMS)**
2. Date of Visit : **15-10-2022**
3. Members of the Audit Committee :

(i) Prof. P. Venkata Prasad COE

(ii) Prof. P. Naraharisasthy ECD

**PART –II: ACADEMIC INFORMATION**

Sl. No	Particular	Remarks		
1	(a) Courses Offered			
	Name of the Program	Intake	Year of Commencement of the program	
	Master of Business Administration	<del>129</del> 60	1996	
		120	2013	
	(b) Availability of Time Tables : <b>Available in the Department File</b>			
	(i) Consolidated Time Tables - <b>Yes</b>			
	(ii) Class Time Tables - <b>Yes</b>			
	(iii) Individual Faculty Time Tables - <b>Yes</b>			
	(iv) Laboratory wise Time Tables - <b>NA</b>			
	(v) Individual Non-Teaching/Faculty Time tables - <b>NA</b>			
	(vi) Calender - <b>Yes</b>			
2	Faculty Information:			
		Required	Available	
			Regular	Contract
	Professors	2	NIL	NIL
	Associate Professors	4	3+1(MGIT)	NIL
	Assistant Professor	12	8+1 (MGIT)	4
	Total(1:15)	18	11	4
	(a) Faculty members with			
	(i) Ph.D qualification :	8+2(MGIT)		
	(ii) Post-Graduation Qualification:	7		
(iii) Any Other (specify) :	NIL			
(b) FSR Ratio (UG) :	_____	PG: <u>1:16</u>		

(c) Teaching Experience (within CBIT) of the Faculty in the Department: **Enclosed**

Tenure	No. of Faculty
More than 15 Years	2+1 (MGIT)
Between 8 to 15Years	4+1 (MGIT)
Between 1to 8 Years	9
Below 1 Year	NIL

(d) Consolidated Experience of the teaching faculty considering outside experience.

S.no	Name of the Faculty	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Teaching/Industry)	Total Experience
1	--	--	--	--	--	--	--

3 Details of Supporting Staff **-ENCLOSED-**

- (a) Lab Assistants **-- NA --**  
 (b) Technicians **-- NA --**  
 (c) Programmers **-- Nil --**  
 (d) Assistant Programmers **-- Nil --**  
 (e) Computer Operators **-- Nil --**  
 (f) Skilled Assistants **-- 1**  
 (g) Attenders **-- 2**

S.No	Name of the Supporting Staff	Designation	Highest Qualification	Date of Joining in CBIT	Experience in CBIT	Experience before joining CBIT (Academic Institute/Industry)	Total Experience
1	-	--	--	--	--	--	--

4 (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus : **NO CHANGES**  
 (b) Evidences of syllabus for UG and PG Programs:

5 (a) Report on three level Internal Audit Committee Findings and Action taken :

Description	Availability of Internal Audit Findings Report	Availability of Action taken Report
Audit I	<b>Yes</b>	
Audit II	<b>Yes</b>	
Audit III	<b>Yes</b>	

(b) Report (with evidences) on supplementary Teaching Tools / ICT

This institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom.

- In addition to chalk and talk method of teaching. Faculty members are using the IT enabled learning tools such as Power point presentations, video clips, Audi system, Online sources, to expose students for the advanced knowledge and practical learning.
- Classrooms are fully furnished with LCD with Computers, Audio system with mic facility and Wi-Fi facility.
- Most faculty use interactive methods for teaching. The major emphasis is on classroom

interaction in terms of research paper presentations, seminars, group discussions, assignments, quiz, tests, viva and laboratory work.

4. Well secured Wi-Fi provided to Wi-Fi users. Its access controlled by the system administrator.

Number of teachers on roll	Number of teachers using ICT ( <i>LMS, e-Resources</i> )	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
15+2	15+2	LED Projector, e-books, e-journals, Intranet, Wi-Fi Campus Videos	4	-	e-books e-journals Wi-Fi

In addition to ICT faculty using LMS (Learning Management System) effectively to keep materials, PPTs, Tests and Assignments through LMS. College maintaining learning.cbit.org.in faculty and students are provided credentials.

In addition to teaching-learning process faculty also used learning portal to conduct mid-1 and mid-2 exams also in association with academic and examination cell.

(c) Any Other relevant information\_\_\_\_\_

- 6 (a) Report on Laboratory-wise Facilities with the following data:
- (i) Equipment /Software Details - NIL
  - (ii) Procurement of additional equipment / Software (in the current academic year if any).
- (b) Report on Consolidated Computing facilities in the Department
- (i) Number of PCs 60
  - (ii) List of the Software/ Software packages/Simulation Tools - NIL
  - (iii) No of Printers available: 3
- (c) Availability of updated Stock Registers: YES
- (d) Adoption of safety measures in the Department:
- Availability of Fire Extinguishers
  - Availability of Safety Water Pipes
  - Availability of Sanitizers

- 7 Report on Faculty Improvement/Enrichment Programmes :
- (a) FDP /STTP/Workshops/Seminars organized by the Department : 34
  - (b) Conferences organized by the Department: NIL
  - (c) FDP /STTP/Workshops/Seminars attended by the faculty: 88
  - (d) Conferences attended by the Faculty: 16
  - (e) Any Other relevant information\_\_\_\_\_

8	<p>(a) Report on Research Publications:</p> <p>(i) No. of publications in Journals</p> <ul style="list-style-type: none"> <li>• National : _____ NIL _____</li> <li>• International: _____ 23 _____</li> </ul> <p>(ii) No. of publications in Conferences</p> <ul style="list-style-type: none"> <li>• National : _____ 0 _____</li> <li>• International: _____ 1 _____</li> </ul> <p>(b) Report on Patents/ copyrights/Industrial Designs :</p> <p>(i) Published: _____ 2 _____</p> <p>(ii) Granted: _____ 0 _____</p>																																										
9	<p>(a) Report on Ongoing Research/Sponsored Research Project Details:</p> <table border="1" data-bbox="209 645 1407 936"> <thead> <tr> <th>Title</th> <th>Name of PI and Co-PI</th> <th>Funding Agency</th> <th>Amount in Rs</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>NIL</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Any Other relevant information _____</p> <p>(b) Report on Consultancy Details: NIL</p> <table border="1" data-bbox="209 1115 1407 1361"> <thead> <tr> <th>Name of Faculty (Chief Consultant)</th> <th>Client Organization</th> <th>Title of Consultancy Project</th> <th>Amount Received (in Rupees)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Any Other relevant information _____</p>	Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status	NIL																				Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)													
Title	Name of PI and Co-PI	Funding Agency	Amount in Rs	Status																																							
NIL																																											
Name of Faculty (Chief Consultant)	Client Organization	Title of Consultancy Project	Amount Received (in Rupees)																																								
10	<p>Report on Student Projects and their outcomes in terms of publications/ IPR. (CAYm1)</p> <p>(a) UG</p> <p>(b) PG – YES (2 student publications)</p>																																										
11	<p>Report on MoUs and Ongoing /Completed Activities : NIL</p>																																										
12	<p>Report on Library, Internet &amp; other facilities:</p> <p>(a) Library and Information Centre</p> <p>(Furnish Programme-wise Details):</p>																																										



	<p>(i) Number of Titles: <u>2261</u></p> <p>(ii) Total volumes of Books: <u>7516</u></p> <p>(iii) Number of Journals: <u>15</u></p> <p>(iv) Online Journals Subscriptions: <u>100</u></p> <p>(v) Online e-books Subscriptions: <u>10322</u></p> <p>(vi) Any other item: _____</p> <p>(b) Department Library: <u>— Nil —</u></p> <p>(Furnish Programme-wise Details):</p> <p>(i) Number of Titles: _____</p> <p>(ii) Total volumes of Books: _____</p> <p>(c) Internet Connectivity: <u>Broad Band available.</u> <u>Wi-fi bandwidth is very poor</u></p>	
13	<p>Report on Placement, Internship and Training activities:</p> <p>(a) Placement Activities:</p> <p>(i) Number of companies Visited: <u>75</u></p> <p>(ii) Number of Students Placed: <u>89</u></p> <p>(iii) Highest Salary offered <u>8,03,880/-</u></p> <p>(iv) Average salary offered: <u>Rs.4,26,125.60</u></p> <p>(v) Median Salary offered <u>Rs.6,00,000</u></p> <p>(b) Internship Activities:</p> <p>(i) Number of Organizations offered Internships : <u>55</u></p> <p>(ii) Number of Students carried out Internships : <u>116</u></p> <p>(iii) Number of Internships carried out with stipend: <u>06</u></p> <p>(iv) Total Number of Internships: <u>116</u></p> <p>(v) Highest Stipend offered : <u>45000</u></p> <p>(c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Centre/your Department: <u>Yes</u> <del>No</del></p>	
14	<p>CAYm1</p> <p>(a) Report on overall Results (B.E/B.Tech)</p> <p>(i) Overall Pass Percentage _____</p> <p>(ii) Percentage of Distinctions _____</p> <p>(iii) Percentage of First Classes _____</p> <p>Note : Report on CO and PO attainments are to be evidenced</p> <p>(b) Report on Semester wise results (B.E/B.Tech)</p> <p>I Semester Pass % _____</p>	

- II Semester Pass % \_\_\_\_\_
- III Semester Pass % \_\_\_\_\_
- IV Semester Pass % \_\_\_\_\_
- V Semester Pass % \_\_\_\_\_
- VI Semester Pass % \_\_\_\_\_
- VII Semester Pass % \_\_\_\_\_
- VIII Semester Pass % \_\_\_\_\_

Number of Students discontinued from the program: \_\_\_\_\_

(c) Report on overall Results (PG Programs : M.E/M.Tech/MBA/MCA) ✓

- (i) Overall Pass Percentage \_\_\_\_\_
- (ii) Percentage of Distinctions \_\_\_\_\_
- (iii) Percentage of First Classes \_\_\_\_\_

Note : Report on CO and PO attainments are to be evidenced

(d) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA) ✓

- I Semester Pass % 89.68%
- II Semester Pass % Not yet declared
- III Semester Pass % 96.55%
- IV Semester Pass % 95.5%
- V Semester Pass % \_\_\_\_\_
- VI Semester Pass % \_\_\_\_\_

Number of Students discontinued the program: \_\_\_\_\_

15

(CAY)

Report on Co-Curricular and Extra-Curricular Activities (with evidences)

- Yes

16

(a) Report on Stakeholder's feedback

Evidences of Feedback reports and action proposed /taken for

- (i) Program exit survey - Yes
- (ii) Course exit survey - Yes
- (iii) Alumni - Yes
- (iv) Employers - Yes
- (v) Parents - Yes

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports :

17

Report on Minutes of meetings and also on action taken/initiated respectively

- (a) Board of Studies - Yes
- (b) Department Advisory Board - Yes
- (c) Department Research Committee - Yes
- (d) Programme Assessment and Quality Improvement Committee - Yes
- (e) Course Expert Group - Yes
- (f) Common Course Committee - Yes
- (g) Multiple Course Committee - Yes
- (h) Any other Academic Committee - Nil -

18	Report on Student mentoring and counseling process with evidences : <i>Yes</i>																	
19	Report on Infrastructural Details of the Department : <b>LIST ENCLOSED</b> (a) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc <table border="1"> <thead> <tr> <th>S.No</th> <th>Description</th> <th>Hall/Room Numbers</th> <th>Area (inSq mts)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Class Room</td> <td>PG201</td> <td></td> </tr> <tr> <td>2.</td> <td>--</td> <td>---</td> <td>--</td> </tr> <tr> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table> (b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories _____. <i>List Enclosed</i> (c) Information on any other Teaching Aids: _____. <i>List Enclosed.</i>	S.No	Description	Hall/Room Numbers	Area (inSq mts)	1.	Class Room	PG201		2.	--	---	--	--	--	--	--	
S.No	Description	Hall/Room Numbers	Area (inSq mts)															
1.	Class Room	PG201																
2.	--	---	--															
--	--	--	--															
20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: <i>— Implemented —</i>																	
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same: <i>wi-fi connectivity needs to be improved</i>																	
22	Any other Relevant information : _____																	

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
<i>Dr. P. Venkata Prasad</i>	<i>[Signature]</i>	<i>15-10-2022</i>
<i>Dr. P. Narahasi Sastry</i>	<i>[Signature]</i> <i>15/10</i>	<i>15-10-2022</i>

*[Signature]*  
Signature of Head of the Dept.  
*15/10/22*

**Chaitanya Bharathi Institute of Technology (Autonomous)**  
**Period to consider for Auditing Process: 1<sup>st</sup> July, 2021 - 30<sup>th</sup> June, 2022**  
**Academic Audit Form (AEC and CoE)**

1. Name of the Department / Section : AEC

2. Date of Visit : 16-08-2022

3. Members of the Audit Committee :

(i) Dr. P. Prabhakar Reddy.

(ii) Dr. M. V. Krishna Rao.

Criterion	Description	Verification Yes/No	Suggestions for improvement if any
Formulation of Governing Body HR	As per UGC norms	Yes	
	Minutes of GB Meeting Evidence	Yes	
	Frequency of meetings	Yes	
Formulation of Academic Council DA	As per UGC norms	Yes	
	Minutes of Academic meeting- Evidence	Yes	
	Frequency of meetings	Yes	
Formulation of BoS DA	As per UGC norms	Yes	
	Minutes of BoS Evidence	Yes	
	Frequency of meetings	Yes	
Curriculum for UG program(s) DA	Contact hours versus Credit(s)	Available website	
	Total no. credits	- do -	
	Scheme for all programmes	- do -	

Criterion	Description	Verification Yes/No	Suggestions for improvement if any
	Justification of credit distribution on the overall course structure		
Examination and assessment CoE	Distribution of marks for CIE	Yes	
	Distribution of marks for SEE	yes	
	Letter Grade and Grade points	yes	
	Assessment procedure for awarding marks	yes	
	Computation of SGPA	yes	
	Computation of CGPA	yes	
	Promotion rules	yes	
Attendance	Rules and regulation for student attendance requirements	Yes.	
Award CoE	Award of division rules	yes	
Revision	Revision of curriculum and syllabus	yes.	
Internships CoE	Earning of credits through internship (available credits)	Yes	
Admission of students	As per Govt. regulations	Yes	
Spot admissions	As per Govt. directions	yes.	
Data base of students	Maintaining of student data base, who on rolls	yes	
	Maintain the data base of detained students.	yes	
	Maintain the data base of discontinued students.	yes	
	Updating of student attendance and academics of current students	yes.	
Supervising/updating/maintaining up-dated academic records of all categories of students. CoE	Evidences	yes.	
Re-admitted students regarding their equivalent subject and	Procedure and Evidences	yes.	





Criterion	Description	Verification Yes/No	Suggestions for improvement if any
conducting of CIE process.			
Almanac/Academic calendar	Circulation within the college	yes	
Printing and distribution of Academic, promotion rules book and syllabus books	Circulation at all levels	Available on CBIT website.	
Scheduling of Examination fee	Notifications	yes.	
Timetables for mid examinations and as per almanac	Preparations and circulation	yes.	
Conducting of all the examinations as per timetable	Evidences	yes	TO include Almanac also in the same file.
Distributing the answer scripts to the respective faculty of the mid examinations	Evidences	yes.	
Forwarding the SEE answer scripts to CoE from AEC	Evidences	yes.	
Meeting with all BoS for finalizing the practical examination schedules. CoE	Evidences	—	
Arranging of physical verification of answer scripts of SEE to the students	Evidences	yes.	
Printing of question papers for mid examinations.	Evidences	yes.	Maintain a separate as per the new rules.
Pattern of the Mid examination question papers	Procedure and Evidences	yes.	
Consolidation statements of CIE statements, class wise	Procedure and Evidences	yes.	
Practical examination schedules	Preparations and Evidences	yes.	
Sending the appointment orders to the external examiners for conducting practical examinations	Preparations and Evidences	yes.	TO maintain a column in consolidated sheet, his date & time of sending E-mail with his signature of concerned staff.
Paying the remuneration through online to all the examiners/invigilators/staff	Procedure and Evidences	yes.	
Issuing of all academic certificates to the students.	Procedure and Evidences	yes.	
Collecting of Examination fee/condonation fee/any other fee other than tuition fee.	Procedure and Evidences	yes.	

Criterion	Description	Verification Yes/No	Suggestions for improvement if any
Issue of hall tickets for SEE to all the students.	Procedure and Evidences	yes.	
Issuing of bonafide/ TC/ Conduct/any other related certificate, on receipt of prescribed fee.	Procedure and Evidences	Yes.	
Preparing the documentation for DTE/Govt of TS NBA/NAAC/AICTE/UGC/OU/ any other agency	Evidences	yes.	
Preparing and submitting compliance reports(s) to the compliance authorities like DTE/Govt. of TS AICTE/UGC/NBA/NAAC/OU	Evidences	yes.	
SMS to Parents/students for any required activity.	Evidences	Yes.	
Remedial Classes for slow learners DSA	Procedure and time tables	yes.	

Criterion	Description	Verification Yes/No	Suggestions for improvement if any
Pre examinations process	Procedure	Yes.	
Post examinations process	Procedure	yes	
Notifications for all SEE/suppl/advanced suppl along with prescribed fee details	Procedure and Evidences	Yes.	
The panel of examiners from the respective BoS for paper setting, spot-valuation for theory subjects. COE	Evidences	Yes.	
Contacting and communicating with examiners for obtaining the question papers for SEE. COE	Evidences	yes	
Assessing the quality SEE question papers. COE	Procedure and evidences	yes	
Decoding the SEE answer scripts. COE	Evidences	Yes.	

Criterion	Description	Verification Yes/No	Suggestions for improvement if any
Scheme of evaluation and solution/ key for the respective SEE question paper. CoE	Evidences	Yes	
Sending of decoded answer scripts to valuator for valuation. CoE	Procedure and Evidences	Yes.	
Arranging of scrutiny process of the valued answer scripts.	Evidences	Yes	
Computerizing the marks (marks awarded on the answer scripts), subject wise	Evidences	Yes.	
Applying the rule(s) of moderation/ grace marks for normalization	Evidences	Yes.	
Generation tabulation of results books	Evidences	Yes.	
Declaring of results	Evidences	Yes.	
Approved results on the web portal	Evidences	Yes.	
Grade points and calculating of SGPA	Evidence and sample copy	Yes.	
Calculation of CGPA	Evidence and sample copy	Yes.	
grade sheets along with SGPA and CGPA	Evidence	Yes.	
Notification for revaluation of answer scripts along the fee particulars	Procedure and Evidences	Yes.	
Notification for physical verification of answer scripts AEC	Procedure and Evidences	Yes.	
Conducting a malpractice committee meeting CoE	Malpractice rules and minutes of the meeting(s)	Yes.	
Executing of 0.5% rule CoE	Procedure and Evidences	Yes.	
Coordinating with university authorities for issuing of PCs CoE	Sample PC	Yes.	

  
 Signature of the Expert  
 (Dr. M. V. KRISHNA RAO),  
 19/08/2022

  
 Signature of the Expert  
 (Dr. A. Parashankar)  
 19/08/2022



**Chaitanya Bharathi Institute of Technology (A), Hyderabad**  
INTERNAL QUALITY ASSURANCE CELL

<b>Audit Report</b>		
<b>Date:</b> 16-08-2022	<b>Auditors: Dr. D. Krishna Reddy, Head ECE Dr. P. Ravindra Reddy, Head MED</b>	<b>Auditee: ACIC-CBIT</b>
S.No	Particulars	Remarks
1	Establishment document of ACIC-CBIT.	Yes
2	Aims and Objectives of ACIC-CBIT.	Yes
3	Infrastructural details of ACIC-CBIT.	List of Furniture is not available
4	Details of the office staff structure in ACIC-CBIT	Yes
5	Hierarchy of officials in ACIC-CBIT.	Yes
6	Recruitment procedure of staff in ACIC-CBIT.	Exist
7	Recruitment details of Staff with appointment order(s) and joining report(s).	Joining reports of the staff are not available
8	Details of the Targets with expected outcomes and action plans set for the year 2021-2022.	Target date and responsibility are missing in action plan
9	Targets achieved for the year 2021-2022 along with the detailed report including the quantification of outcomes for every target.	Yes
10	Detailed report(s) regarding every event organized in a standard format.	Maintained
11	Details of the financial budget proposals submitted for the year 2021-2022.	Yes
12	Budget sanction/approval orders for the year 2021-2022 with defined breakup for recurring and non-recurring expenditures.	Breakup of Recurring and Non-recurring expenditure is not evident
13	Approved procurement procedure(s) for recurring and non-recurring items.	Yes
14	Details of the recurring and Non-Recurring expenditure approvals/sanction orders.	Separation of Recurring and Non-Recurring expenditures is not evident
15	Purchase orders for procurements of Recurring and Non-Recurring items.	Yes
16	Physical verification and satisfactory working report of the procured Recurring and Non-Recurring Items as per specification of the Purchase Orders.	Available
17	Payment orders of Recurring and Non-Recurring items.	Available, but not signed
18	Performance guarantees documents of the equipment, if any.	Hard copies are Not available
19	Maintenance of Stock register for Recurring and Non-Recurring items.	As per the records no Recurring items are procured till date
20	Salary disbursement statements of staff.	Available
21	Evidences of Cash Book and Ledger for ACIC-CBIT.	Available
22	Uploading of Achievements ACIC-CBIT website.	Yes
23	Verification of updates in website as on date.	Yes
24	Reporting of achievements in Atal Innovation Mission (AIM) website.	Evidences of Achievement reports sent to AIM
25	Any other quality document of ACIC-CBIT.	SOP's and Operational Manual
26	Remarks of the Audit team	The documents are well maintained in soft form but hard copies are suggested for better exhibition. Each activity in action plan may be broken into sub activities wherever feasible for which responsible persons need to be identified and target dates may be set.

Dr. D. Krishna Reddy, Head ECE

16/08/2022


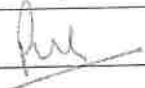
Dr. P. Ravindra Reddy, Head MED

16/08/22

T. Choudy  
16/8/22

20 Any other Relevant information :

Note: Furnish the details in separate sheet where ever necessary.

Name of the Auditor and Designation	Signature	Date
Dr. P. Venkatesh Prasad		13/08/22
Dr. P. Narasimha Sastry		13/8/22

  
Signature of HoD

## Auditor's Report

1. a. Need to include 60 intake details.  
b. Consolidate timetables (under compilation)
2. Faculty information:  
Dept. needs  $\rightarrow$  1 Prof.  
2 Associate Prof.
3. Need 1 Programmer since effectively only 1 programmer available.
4. Advised to shift Text book publication from Patents section to Publication sectn.
5. Course exit survey needs to be taken at the end of the course.  
Alumni feedback needs to be taken.
6. DAB, PACIC committees need to be formed.

  
13/8

  
13/8/22



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

## INTERNAL QUALITY ASSURANCE CELL

### Audit Checklist for "Atal Community Innovation Centre (ACIC)-CBIT"

(For the Year 2021-2022)

1. Establishment document of ACIC-CBIT.
2. Aims and Objectives of ACIC-CBIT.
3. Infrastructural details of ACIC-CBIT.
4. Details of the office staff structure in ACIC-CBIT
5. Hierarchy of officials in ACIC-CBIT.
6. Recruitment procedure of staff in ACIC-CBIT.
7. Recruitment details of Staff with appointment order(s) and joining report(s).
8. Details of the Targets with expected outcomes and action plans set for the year 2021-2022.
9. Targets achieved for the year 2021-2022 along with the detailed report including the quantification of outcomes for every target.
10. Detailed report(s) regarding every event organized in a standard format.
11. Details of the financial budget proposals submitted for the year 2021-2022.
12. Budget sanction/approval orders for the year 2021-2022 with defined breakup for recurring and non-recurring expenditures.
13. Approved procurement procedure(s) for recurring and non-recurring items.
14. Details of the recurring and Non-Recurring expenditure approvals/sanction orders.
15. Purchase orders for procurements of Recurring and Non-Recurring items.
16. Physical verification and satisfactory working report of the procured Recurring and Non-Recurring items as per specification of the Purchase Orders.
17. Payment orders of Recurring and Non-Recurring items.
18. Performance guarantees documents of the equipment, if any.
19. Maintenance of Stock register Recurring and Non-Recurring items.
20. Salary disbursement statements of staff.
21. Evidences of Cash Book and Ledger for ACIC-CBIT.
22. Uploading of Achievements ACIC-CBIT website.
23. Verification of updates in website as on date.
24. Reporting of achievements in Atal Innovation Mission (AIM) website.
25. Any other quality document of ACIC-CBIT.
26. Remarks of the Audit team:

-oOo-

Sir,  
For your approval  
M  
28.07.22.  
Dir-DQA.

28/7/22

Sir

Pl. approve the fully audit team  
for audit ACIC-CBIT.

1. Prof D. Krishna Reddy HD BCS  
2. Prof PVRavindrarajy HD Mech  
M  
28/7/22

**Request to Conduct Audit- Auditing of Academic Departments - AEC&CoE-HR-Accounts-Purchase Departments-Auditees and Auditors-Reg**

1 message

Director IQAC &lt;director\_iqac@cbit.ac.in&gt;

Tue, Jul 26, 2022 at 3:55 PM

To: Director R&D <director\_RandD@cbit.ac.in>, "Dr. K.Sagar Professor" <ksagar\_cse@cbit.ac.in>, Director Incubation & Innovation <director\_ii@cbit.ac.in>, "Dr.N.V.Srinivasulu Professor (CAS)" <nvsrinivasulu\_mech@cbit.ac.in>, Prof G ChandraMohanReddy <gcmreddy\_mech@cbit.ac.in>, "Dr.G.Laxmaiah Professor" <glaxmaiah\_mech@cbit.ac.in>, Student Affairs Director <director\_studentaffairs@cbit.ac.in>, "Dr. S. China Ramu Professor" <chinaramu\_cse@cbit.ac.in>, Controller of Examinations <coe@cbit.ac.in>, "Dr.P.Venkata Prasad" <pvprasad\_eee@cbit.ac.in>, srinivasasharma\_civil@cbit.ac.in, "Dr. P.Narahari Sastry Professor (CAS)" <naraharisastry\_eee@cbit.ac.in>, "Dr.P.Prabhakar Reddy Professor (CAS)" <prabhakarreddy\_mech@cbit.ac.in>, "Dr.M.V.Krishna Rao Professor (CAS)" <mvkrishnarao\_civil@cbit.ac.in>, Director Academics <director\_academics@cbit.ac.in>, Joint Director Academics <jd\_academics@cbit.ac.in>, Director AEC <director\_aec@cbit.ac.in>, "Dr.M.Koti Reddy Professor & HOD" <kotireddy\_civil@cbit.ac.in>, "Dr.K.Krishna Veni Professor" <krishnaveni\_eee@cbit.ac.in>, "Prof. Suresh Pabboju" <psuresh\_it@cbit.ac.in>, swamydas\_cse@cbit.ac.in, Director R&D <adsarma\_eee@cbit.ac.in>

Cc: Principal CBIT &lt;principal@cbit.ac.in&gt;

Bcc: Director IQAC &lt;director\_iqac@cbit.ac.in&gt;

Dear Professor(s),

Greetings from IQAC...

(As directed by Principal)

You are hereby nominated by the Principal for conducting the Department(s) audits for the Academic Year 2021-22. The details of the Audit teams and Auditees are hereby attached for your kind information. You are requested to coordinate with the respective Audit Team members and Auditees for completing the auditing process. Your valuable suggestions and remarks shall be useful for further growth of the department in all aspects.

Please also find the formats of the audit forms as attachments to this email. It is to note that the auditing process shall be completed by 13-08-2022.

Best Regards





**Dr. N. V. Koteswara Rao****Director-IQAC & Professor of ECE Department****Former Director-Academics and Head of ECE Department**

Chaitanya Bharathi Institute of Technology(A)

Chaitanya Bharathi(Post) Gandipet

Hyderabad-500075, Telangana State, INDIA

**6 attachments**

-  **1. Academic-Department Audit form.docx**  
26K
-  **3. HR Department-Audit Check List.docx**  
15K
-  **4. Purchase Department-Audit Check List.docx**  
15K
-  **5. Audit Check List- Accounts Department.docx**

## Auditing of Academic Departments - AEC&CoE-HR-Accounts-Purchase Departments-Auditees and Auditors-Request-Reg

1 message

Director IQAC <director\_iqac@cbit.ac.in>

Tue, Jul 26, 2022 at 3:55 PM

To: hod\_civil <hod\_civil@cbit.ac.in>, Mechanical HEAD <hod\_mech@cbit.ac.in>, ECE HEAD <hod\_ece@cbit.ac.in>, CSE HEAD <hod\_cse@cbit.ac.in>, EEE HEAD <hod\_eee@cbit.ac.in>, IT HEAD <hod\_it@cbit.ac.in>, Chemical HEAD <hod\_chem@cbit.ac.in>, Bio Tech HEAD <hod\_biotech@cbit.ac.in>, "Head, Physics" <hod\_physics@cbit.ac.in>, Chemistry HEAD <hod\_chemistry@cbit.ac.in>, MATHS HEAD <hod\_maths@cbit.ac.in>, English <hod\_english@cbit.ac.in>, "Smt.A.Vijaya Lakshmi Assistant Professor" <vijayalakshmi\_english@cbit.ac.in>, SMS HEAD <hod\_sms@cbit.ac.in>, MCA HEAD <hod\_mca@cbit.ac.in>, Director AEC <director\_aec@cbit.ac.in>, academic and exam cell <aec@cbit.ac.in>, Controller of Examinations <coe@cbit.ac.in>, Anne Violet CBIT-HR <hr@cbit.ac.in>, admin office <accounts@cbit.ac.in>, purchase office <purchase@cbit.ac.in>

Cc: Principal CBIT <principal@cbit.ac.in>

Bcc: Director IQAC <director\_iqac@cbit.ac.in>

Dear HoDs,

Greetings from IQAC...

(As directed by Principal)

It is hereby informing you that the auditing of respective departments for the Academic Year 2021-22, is to be completed by 13-08-2022. In his regard, please find herewith attached the details of Audit teams and Auditees.

Further, you are hereby requested to contact and cooperate with the respective Audit team and complete the auditing process smoothly.

Please also find the formats of the audit forms as attachments to this email.

Best Regards

**Dr. N. V. Koteswara Rao**

**Director-IQAC & Professor of ECE Department**

**Former Director-Academics and Head of ECE Department**







Chaitanya Bharathi Institute of Technology(A)

Chaitanya Bharathi(Post) Gandipet

Hyderabad-500075, Telangana State, INDIA

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### 6 attachments

-  **2. Academic Audit Format, COE & AEC\_2022.docx**  
23K
-  **1. Academic-Department Audit form.docx**  
26K
-  **4. Purchase Department-Audit Check List.docx**  
15K
-  **5. Audit Check List- Accounts Department.docx**  
14K
-  **3. HR Department-Audit Check List.docx**  
15K
-  **6. Audit Team and Auditee\_2022\_To Auditees and Auditors.docx**  
152K



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)

Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

43  
years

### Internal Quality Assurance Cell (IQAC)

Date: 26-07-2022

Sub:- Details of Audit Team(s) and Auditee(s) for conducting Academic Audit for the Academic Year : 2021-22-Reg

Team No.	Audit Team(s)	Auditee(s)
1.	Prof. A.D. Sarma Director R&D Prof. K.Sagar, CSED	Dept. of Civil Engg.
		Dept. of Mechanical Engg.
2.	Prof. Umakanth Chowdary Director I&I Prof. N.V. Srinivasulu, MED	Dept. of ECE
		Dept. of CSE
3.	Prof. G. Chandramohan Reddy, MED Prof. G. Laxmaiah. MED	Dept. of EEE
		Dept. of IT
4.	Prof. P. Srinivasa Sharma, Advisor SA&P Prof. S. China Ramu, CSED	Dept. of Chemical Engg
		Dept. of Biotechnology
5.	Prof. P. Venkata Prasad, CoE Prof. P. Narahari Sastry, ECED	Dept. of MCA
		Dept. of SMS
6.	Prof. P. Prabhakar Reddy, MED Prof. M.V.Krishna Rao, CED	AEC & CoE
7.	Prof. K. Krishna Veni, Director-Academics Prof. M. Swamy Das, Jt. Director	Dep. Of Physics
		Dept. of Chemistry
		Dept. of Mathematics
		Dept. of English
8.	Prof. P. Suresh, Director-AEC & CoE Prof. M. Koti Reddy, CED	HR Department Accounts Section Purchase Department

Submitted to Principal:

Sir,

For your approval.

(Audit Schedules: During 8<sup>th</sup> -13<sup>th</sup> Aug. 2022)

M  
26/07/22  
Director-IQAC

Mishra  
26/7/2022