CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(Autonomous)

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

www.cbit.ac.in

Criteria	Criterion VI: Governance, Leadership and Management
Key Indicator - 6.5	**Internal Quality Assurance System**
Metric 6.5.3	**Quality assurance initiatives of the institution include:** 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements 2. Collaborative quality initiatives with other institution(s) 3. Participation in NIRF 4.Any other quality audit recognized by state, national or international agencies (ISO Certification)
	ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) REPORTS

CONSOLIDATED REPORT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) FOR THE ACADEMIC YEAR 2021-22

CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)
Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in

COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

43
years

NAAC | nirf | ISO Certified 9001:2015

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	Dept. of Civil Engg.
	Prof. K.Sagar, CSED	Dept. of Mechanical Engg.
2.	Prof. Umakanth Chowdary Director I&I	Dept. of ECE
	Prof. N.V. Srinivasulu, MED	Dept. of CSE
3.	Prof. G. Chandramohan Reddy,MED	Dept. of EEE
	Prof. G. Laxmaiah. MED	Dept. of IT
4.	Prof. P. Srinivasa Sharma, Advisor SA&P	Dept. of Chemical Engg
	Prof. S. China Ramu, CSED	Dept. of Biotechnology
5.	Prof. P. Venkata Prasad, CoE	Dept. of MCA
	Prof. P. Narahari Sastry, ECED	Dept. of SMS
6.	Prof. P. Prabhakar Reddy, MED	AEC & CoE
	Prof. M.V.Krishna Rao, CED	
7.	Prof. K. Krishna Veni, Director-Academics	Dep. Of Physics
	Prof. M. Swamy Das, Jt. Director	Dept. of Chemistry
		Dept. of Mathematics
		Dept. of English
8.	Prof. P. Suresh, Director-AEC & CoE	HR Department
	Prof. M. Koti Reddy, CED	Accounts Section
		Purchase Department

Submitted to Principal:

Sir,
For your approval.
(Audit Schedules: During 8th -13th Aug. 2022)

Director-IQAC

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Academic and Administrative Audit Form (For the Departments)
Period to consider 1st July 2021 – 30th 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** 	

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

(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:

	Required	Available	
		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) : 18·67   PG: 16-72

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

Tenure	No. of Faculty
More than 15 Years	18
Between 8 to 15Years	09
Between1to 8 Years	18
Below 1 Year	04

(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 (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

	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.Systems)	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

S. No	Name		Highest Qualification	Date of Joining	Exp in CBIT	Exp before joining CBIT	Total
			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	5th 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	6th 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	✓	✓

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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_____

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(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

S. No.	Name of the Equipment / Software	Quantity	Price per Unit (Rs.)	Make and Model	Name of the 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
S. No.	Name of the Equipment / Software	Quantity	Price per Unit (Rs.)	Make and Model	Name of the Lab
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	Refurbrushing 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 tution 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 Manufacuring

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	
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	Thermal Engineering Lab
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 ✓

7	Report on Faculty Improvement/Enrichment Programmes: Annexure - VI

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 ✓

8

(a) Report on Research Publications: Dr Vamsi

 (i) No. of publications in Journals
  • National : 0
  • International : ~~14~~ 33

 (ii) No. of publications in Conferences
  • National : 0
  • International : 01

Enter checked ✓

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

 (i) Published: 07 ✓

 (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
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 ✓

1. 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.
2. 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.

12

Report on Library, Internet & other facilities:

(a) Library and Information Centre

(Furnish Programme-wise Details):

    (i) Number of Titles: 2427

    (ii) Total volumes of Books: 11631

    (iii) Number of Journals: 14

    (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: 133	
	(ii) Total volumes of Books: 159	
	(c) Internet Connectivity: 1 Gb leased line from Pioneer-E Labs	

13	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:	

14	CAYm1 (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 *overall Partially Completed, an IIE IV - semester are in progress.*

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

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

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(CAYm1)
Report on Co-Curricular and Extra-Curricular Activities (with evidences) : Annexure – VII ✓

Student Achievements:

1. 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.
2. 27 students had carried out an e-technical orientation in Defence Metallurgical Research Laboratory during 22nd Sept to 12th October 2021.
3. 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.

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 22nd & 23rd April 2022	Y. Venkata Karthik Sai -3/4 Mechanical 2
3.	Cricket Men	Winner	Anurag University,Ghatkesar 22nd & 23rd 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 29th & 30th April 2022	Y. Venkata Karthik Sai -3/4 Mechanical 2
5.	Cricket Men	Winner	Vidya Jyothi Institute of Technology, Hyderabad, 12th & 13th May 2022	C.Udaykiran Reddy-3/4 Mechanical Rishikesh T-4/4 Production
6.	Cricket Men	Winner	Mahindra University, Hyderabad, 16th & 21st May 2022	C.Udaykiran Reddy-3/4 Mechanical Rishikesh T-4/4 Production Gaurang Rathi -4/4 Production

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

Evidences of Feedback reports and action proposed /taken for

  (i) Program exit survey: Yes ✓
  (ii) Course exit survey : Online ✓
  (iii) Alumni: Yes ✓
  (iv) Employers: Yes
  (v) Parents: Yes

(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports : *HOD informed that the Action Reports are available with IQAC.*

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

(a) Board of Studies : Annexure - II ✓

(b) Department Advisory Board *The 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	

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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 (or1/3rd 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.

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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

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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.*	Arsam	17/08/2022
Mr. K. SAGAR, Professor, CSE Dept	Wm	17/08/2022

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

Signature of HoD

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Academic and Administrative Audit Form (For the Departments)
Period to consider for Auditing Process: 1st July, 2021 - 30th 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*	

(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) Calendar- **AVAILABLE**

File is available

2 Faculty Information:

	Required	Available	
		Regular	Contract
Professors	7	5	2
Associate Professors	6	3	3
Assistant Professor	39	28	11
Total(1:15)	52	36	16

(a)   Faculty members with

- i.   Ph.D. qualification : 18
- ii. Post-Graduation Qualification: 35
- iii. Any Other (specify) :___NA_

(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 15Years	16
Between1to 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.	4Yrs.	29
3.	Dr. K.Sagar	Professor	Ph.D	16-10-2000	21 Yrs.	3Yrs.	24
4.	Dr. S. China Ramu	Professor	Ph.D	01-06-1998	23 Yrs.	1Yrs.	24
5.	Smt. N.Ramadevi	Professor	Ph.D	06-02-1992	29 Yrs.	2Yrs.	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.	4Yrs.	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	14Yrs.	17
12.	Dr. Kolla Morarjee	Associate Professor(C)	Ph.D	04-02-2021	1 Yrs.	11Yrs.	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.	3Yrs.	19
16.	Smt I.Srujana	Assistant Professor	M.Tech (Ph.D)	12-09-2005	16 Yrs.	1Yr	17
17.	Smt.A.Sangeetha	Assistant Professor	M.Tech (Ph.D)	03-08-2006	15 Yrs.	2Yrs.	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.	2Yrs.	16
23.	Sri B.Sateesh	Assistant Professor	M.Tech (Ph.D)	14-05-2009	12 Yrs.	3Yrs	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	1Yrs	12
26.	Smt.G.Kavita	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.	5Yrs.	14
28.	Smt.Ch.Madhavi Sudha	Assistant Professor	M.Tech (Ph.D)	10-07-2008	13 Yrs.	3Yrs.	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.	SriB.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

S.No	Name	Designation	Highest Qualification	Date of Joining	Experience in CBIT	Experience before joining	Total Experience
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.Poonguzharselvi	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 (Computers)	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	7th Class	01.10.2005	17 Years	17 Years	34 Years
16.	Andalu	Attender	5th Class	01.01.2005	17 Years	15 Years	32 years
17	Lakshman	Attender	9th 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/1EEEnqdOO6PkZ2QOnT7Yo4vDKH6LlDT3/edit?usp=sharing&ouid=11501032855657794978&rtpof=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 :

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	4,39561/-	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: NIL___

10	Report on Student Projects and their outcomes in terms of publications/ IPR (CAYm1) (2021-22) (a) UG : 06 (Publications) + 04 (Patent) (b) PG : 13(Publications) + 01 (C) (c) (* Proofs available)
11	Report on MoUs and Ongoing /Completed Activities - yes ,available with file 2021 – 02 Total count= 10

12	Report on Library, Internet & other facilities:
	   (a) Library and Information Center
	 (Furnish Programme-wise Details):
	       (i) Number of Titles: 2592
	       (ii) Total volumes of Books: 12407
	       (iii)Number of Journals: 14
	       (iv)Online Journals Subscriptions: 200
	       (v) Online e-books Subscriptions: 100
	       (vi)Any other item: NA
	   (b) Department Library:
	 (Furnish Programme-wise Details):
	       (i) Number of Titles: 120
	       (ii) Total volumes of Books: 170
	       (iii)(iii)Internet Connectivity: Dedicated 1:1 Full Duplex, 1 Gbps Internet Leased Line, 48 IPs – One Year Subscription

13	Report on Placement, Internship and Training activities:
	 (a) Placement Activities:
	       (i) Number of companies Visited: 64
	       (ii) Number of Students Placed: 156
	       (iii)Highest Salary offered : $45000 per Annum (virtusa)
	       (iv)Average salary offered: 7.29 Lakhs per Annum
	       (v) Median Salary offered : 6.88 Lakhs per Annum
	
	 (b) Internship Activities:
	       (i) Number of Organizations offered Internships : 28
	       (ii) Number of Students carried out Internships : 109
	       (iii)Number of Internships carried out with stipend: 15
	       (iv)Total Number of Internships: 109
	       (v) Highest Stipend offered : Rs 50,000 /-
	
	 (c) Report on Training Activities/coding school activities/soft skills conducted for your Department students by Career Development Center /your Department: yes ,proof enclosed

14	**CAYm1 (2021-22)**
	(a) Report on overall Results (B.E/B.Tech)
	       (i) Overall Pass Percentage : 98.56%
	       (ii) Percentage of Distinctions 91.83%
	       (iii) Percentage of First Classes 5.77%
	Note : Report on CO and PO attainments are to be evidenced- yes available
	(b) Report on Semester wise results (B.E/B.Tech)
	      I Semester Pass % : 96.43
	      II Semester Pass % : Result Not Declared
	      III Semester Pass % : 95.48
	      IV Semester Pass % : Result Not Declared
	      V Semester Pass % : 94.61
	      VI Semester Pass % : 94.61
	      VII Semester Pass % : 95.24
	      VIII Semester Pass % : 100
	Number of Students discontinued from the program:6
	(c) Report on overall Results (PG Programs: M.E/M.Tech/MBA/MCA)
	       (i) Overall Pass Percentage Result Not Declared
	       (ii) Percentage of Distinctions Result Not Declared
	       (iii)Percentage of First Classes_ Result Not Declared
	       (iv)Note : Report on CO and PO attainments are to be evidenced –yes available
	       (v) Report on Semester wise results (PG Programs : M.E/M.Tech/MBA/MCA)
	      I Semester Pass % : 90.91
	      II Semester Pass % : Result Not Declared
	      III Semester Pass % : 94.44
	      IV Semester Pass % : Result Not Declared
	Number of Students discontinued the program:5

15	**(CAYm1)** Report on Co-Curricular and Extra-Curricular Activities (with evidences) - yes enclosed https://drive.google.com/file/d/1rjrHra2kpq9h1iargZeN2cPbDxCl9-Hn/view?usp=sharing

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
	       (iv)Employers - Available
	       (v) Parents - Available
	
	(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 – Available
	    (b) Department Advisory Board -Available
	    (c) Department Research Committee- Available
	    (d) Programme Assessment and Quality Improvement Committee - Available
	    (e) Course Expert Group- Available
	    (f) Common Course Committee- Available
	    (g) Multiple Course Committee- Available
	    (h) Any other Academic Committee- Available

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 (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	
23.	Staff Room	CSF 102	
24.	Staff Room	CSF 103	
25.	Staff Room	CSF 104	
26.	Staff Room	CSF 105	72.45 sqmts
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	
33.	Staff Room	CSF 112	
34.	Staff Room	CSF 113	71.30 Sqmts
35.	Staff Room	CSF 114	
36.	Staff Room	CSF 115	
37.	Staff Room	CSF 201	
38.	Staff Room	CSF 202	
39.	Staff Room	CSF 203	
40.	Staff Room	CSF 204	73.47 Sqmts
41.	Staff Room	CSF 205	
42.	Staff Room	CSF 206	
43.	Staff Room	CSF 301	14.63 Sqmts
44.	Staff Room	CSF 302	27.8 Sqmts
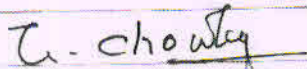
(a) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories :   LCDs : 22

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 : • Shortage of Laboratories(Proposed in the canteen Block) • Systems/Laptops to be provided to staff	

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	U. chowly	17/8/22
Prof.N.V.Srinivasulu, Dept of Mechanical		17/8/2022

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: 1ˢᵗ July, 2021 - 30ᵗʰ 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: **Yes**			Files are evidenced
	(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			
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 : **19**
    (ii) Post Graduation Qualification: **25**
    (iii) Any Other (specify) : --

(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	**11**				
Between 8 to 15Years	**14**				
Between1to 8 Years	**17**				
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
	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.Nagabhushanam	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 (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus

The curriculum of R20 Regulation for V & VI semesters is developed with inclusion of following courses along with minor modifications in existing course.

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

(b) Evidences of syllabus for UG and PG Programs **Soft copy available**

Files are evidenced

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	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		

(b) Report (with evidences) on supplementary Teaching Tools / ICT: **Class rooms are equipped with LCDs.**

(c) Any Other relevant information:

Files are evidenced

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

(i) Equipment /Software Details: **Details are available in stock registers**

(ii) Procurement of additional equipment / Software (in the current academic year if any). **Details are available in stock registers and filled separately**

(b) Report on Consolidated Computing facilities in the Department

Details are available in the file

(i) Number of PCs : **277(Desktops) + 5 Laptops**

(ii) List of the Software/ Software packages/Simulation Tools: Available in separate file

(iii) No of Printers available: **12**

(c) Availability of updated Stock Registers: **available (15 registers) and other files also there**

Files are evidenced

	(d) Adoption of safety measures in the Department: **Fire fitting equipment available in corridors**	
7	Report on Faculty Improvement/Enrichment Programmes : (a) FDP /STTP/Workshops/Seminars organized by the Department : **25** (b) Conferences organized by the Department: **--** (c) FDP /STTP/Workshops/Seminars attended by the faculty: **37** (d) Conferences attended by the Faculty: **36** (e) Any Other relevant information: **--**	Files are evidenced

8	(a) Report on Research Publications:
	
	  (i) No. of publications in Journals
	     • National : **--**
	     • International: **21 and 3 Book chapters**
	
	  (ii) No. of publications in Conferences
	     • National : **31**
	     • International: **5**
	
	(b) Report on Patents/ copyrights/Industrial Designs :
	  (i) Published: **01**
	  (ii) Granted: **01**
		Files are evidenced

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

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

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

14	CAYm1	

	(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

	IV Semester Pass % : **81.82** Number of Students discontinued the program: **00**	
15	(CAYm1) Report on Co-Curricular and Extra-Curricular Activities: **Evidenced**	Files are evidenced

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

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 **(OMC)** **All above files are evidenced**	Files are evidenced
18	Report on Student mentoring and counseling process with evidences : 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". 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 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. 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.

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

(The note "Files are evidenced" appears to the right of rows 12–14 area.)

(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 :	

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

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.		13-8-2022

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

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

Signature of HoD 13/8/2022

Encl:

1. Audit Report

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

Chaitanya Bharathi Institute of Technology (A), Hyderabad
INTERNAL QUALITY ASSURANCE CELL

	Audit Report	
Date: 16-08-2022	**Auditors: Dr. D. Krishna Reddy, Head ECE** **Dr. P. Ravindra Reddy, Head MED**	**Auditee: ACIC-CBIT**
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

Academic and Administrative Audit Form (For the Departments)
Period to consider for Auditing Process: 1st July, 2021 - 30th 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			
	Name of the Program	Intake	Year of Commencement of the program	
	Electrical and Electronics Engineering	30	1994	
		Increased by 30, making a Total of 60	1996	
		Increased by 60, making a Total of 120	2013	
	ME - PSPE	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:				
		Required	Available		
			Regular	Contract	
	Professors	03 UG + 1 PG	03	01	
	Associate Professors	06 UG + 2 PG	04	01	
	Assistant Professor	18+3(I year)	14	06	
	Total(1:15)	33	21	8	

- 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

ok

(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

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

OK

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

| 4 | (a) Report (with evidences) on Latest Changes brought in the Revision of Curriculum and Syllabus | | 0 2 |

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

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.

1. The occurrence of the courses Power Systems Protection and Power System-II swapped.
2. The course Microcontrollers and Applications was moved to V Semester.

(b) Evidences of syllabus for UG and PG Programs

5

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

NoComments

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

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

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

Laboratories : 09

Information on any other Teaching Aids:
Web cameras   : 21
Head Phones   : 25
Desktop for faculty : 17

(c) Any Other relevant information: -------

6	(a) Report on Laboratory-wise Facilities with the following data:
	
	(i) Equipment /Software Details
	
	(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 : **65**
	(ii) List of the Software/ Software packages/Simulation Tools: **MATLab 2022A & Lab view**
	(iii) No of Printers available: **05**
	Availability of updated Stock Registers: **Yes**
	Adoption of safety measures in the Department:
	
	   · Safety Rules & Regulation Charts are displayed.
	   · Fire extinguisher is provided
	   · First aid box is available
	   · MCB and Stabilizer protection is ensured.
	   · To avoid electrical shocks, all switch boards are properly earthed.
	   · All machines are independently controlled
	   · Rubber mats are provided
	   · Do's and Don'ts s charts are displayed in the laboratory.
	   · Periodical servicing of the lab equipment.
	   · Safety Instructions are demonstrated in every lab at the beginning of lab sessions.
	     CCTVs are installed in corridors.
		Ole

7	Report on Faculty Improvement/Enrichment Programmes : (a) FDP /STTP/Workshops/Seminars organized by the Department : 01 (b) Conferences organized by the Department: NIL (c) FDP /STTP/Workshops/Seminars attended by the faculty: 30 (d) Conferences attended by the Faculty: 15 (e) Any Other relevant information : NIL	*Ole*

8	(a) Report on Research Publications:
	    (i) No. of publications in Journals
	       • National : NIL
	       • International: 41
	    (ii) No. of publications in Conferences
	       • National : 1
	       • International: 14
	(b) Report on Patents/ copyrights/Industrial Designs :
	    (i) Published: NIL
	    (ii)Granted: 6
		Ole

9	(a) Report on Ongoing Research/Sponsored Research Project Details: For this Academic Year 2021-22, One ongoing AICTE-RPS is available and the details tabulated below. <table><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></table>	

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	*ole*

Any Other relevant information
(b) Report on Consultancy Details:

For this Academic Year 2021-22, one consultancy project is sanctioned and the details tabulated below.

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	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 &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	*ole*

11

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.

12	Report on Library, Internet & other facilities:

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,

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

14	**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 → Pending
	
	(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

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. *ok*

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 —— not available *ok*
	
	(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.

17	Report on Minutes of meetings and also on action taken/initiated respectively	ole
	(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 → Not available	
	(h) Any other Academic Committee	

18   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.
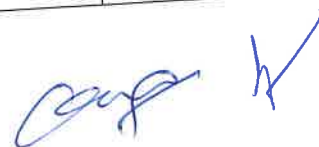
19	Report on Infrastructural Details of the Department :

(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

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

---

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

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

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. LAXMAIAH		18-08-2022

Signature of HoD

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Academic and Administrative Audit Form (For the Departments)
Period to consider for Auditing Process: 1st July, 2021 - 30th 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			

Name of the Program	Intake	Year of Commencement of the program
B.E(IT)	60	2000-01
	120	2015-16
	180	2019-20
B.E(AI&DS)	60	2020-21
	120	2021-22
M.Tech(AI&DS)	18	2020-21

(b) Availability of Time Tables : **Available** ✓
  (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 ✓

Remarks: ok

2	Faculty Information:			

	Required	Available		
		Regular	Contract	
Professors	04	02	-	
Associate Professors	09	02	-	
Assistant Professor	26	15	12	
Total(1:15)	39	19	12	

(a) Faculty members with

  (i) Ph.D qualification : **08**
  (ii) Post Graduation Qualification: **23**
  (iii) Any Other (specify) : **Nil**

(b) FSR Ratio (UG) : **1:21.6** PG: **1:12**

Remarks: ok

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

Tenure	No. of Faculty
More than 15 Years	09 ✓
Between 8 to 15Years	04 ✓
Between1to 8 Years	15 ✓

Below 1 Year	03

(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

Available

3 Details of Supporting Staff
(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**

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

Available

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

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 : **Available**

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**	**Available**
Audit II	**Available**	**Available**
Audit III	**Available**	**Available**

(b) Report (with evidences) on supplementary Teaching Tools / ICT : **Available** ✓ (c) Any Other relevant information: __	O·U

6	(a) Report on Laboratory-wise Facilities with the following data:
	
	     (i) Equipment /Software Details : **Available**
	     (ii) Procurement of additional equipment / Software (in the current academic year if any):
	
	 NA
	
	 (b) Report on Consolidated Computing facilities in the Department
	
	     (i) Number of PCs : **237 (Including 2 Servers)**
	     (ii) List of the Software/ Software packages/Simulation Tools
	         ➤ **Operating Systems:** Windows 10, Ubuntu 16.04, Raspbian OS (for IoT Lab)
	         ➤ **Languages:** C, C++, JDK 1.8, Python.
	         ➤ **Application Tools:** KEIL µ Vision , SST Software _8051, Putty, MS Office 2010, Weka Tool & Eclipse IDE, Hadoop, Dot net Visual Studio 2012, NetBeans IDE, XAMPP, Acrobat Reader, Quick Heal Total Security.
	     (iii) No of Printers available: **05 (including Multifunction Printer)**
	
	 (c) Availability of updated Stock Registers: **06 (Available in Labs) +1 (Main Stock Register available in HoD Office)**
	
	 (d) Adoption of safety measures in the Department:
	
	     • **All the systems are protected by installing Quick Heal Total Security Anti-Virus software.**
	     • **Laboratory is equipped with Fire extinguishers to avoid any unto ward incident if it happens.**
	     • **CCTV cameras are installed for surveillance and security purposes.**
		OU

7	Report on Faculty Improvement/Enrichment Programmes : **Available** (a) FDP /STTP/Workshops/Seminars organized by the Department : **10** (b) Conferences organized by the Department : **0** (c) FDP /STTP/Workshops/Seminars attended by the faculty : **71** (d) Conferences attended by the Faculty : **04** (e) Any Other relevant information : **Nil**	Oe

8	(a) Report on Research Publications:
	
	     (i) No. of publications in Journals
	         • National : **Nil**
	         • International : **57**
	     (ii) No. of publications in Conferences
	         • National : **03**
	         • International : **25**
	
	 (b) Report on Patents/ copyrights/Industrial Designs :
	     (i) Published: **05**	

(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
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) |

(a) UG: **Available**

(b) PG : **Available**

| 11 | Report on MoUs and Ongoing /Completed Activities : **Available** |

| 12 | Report on Library, Internet & other facilities: |

(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**

	(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**
		ele

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** ✓
		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: -

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

(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.

15	(CAYm1) Report on Co-Curricular and Extra-Curricular Activities (with evidences) ✓	*OK*

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 Responses*
	   (iv)Employers : **Available** — *Pending* — *10. Responses*
	   (v) Parents : **Available** — *Pending* — *5 Responses*
	(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports : *Available*
		Ole
		₂

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 — *Nil*
		Ole .

18	Report on Student mentoring and counseling process with evidences : **Available**	*Ole ,*
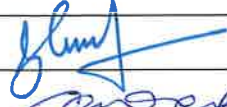
19	Report on Infrastructural Details of the Department : **Available**		

(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	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	
		L-304, L-310, PG BLOCK	
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

(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories : **15 LCD Projectors + One Smart Board is available in Classroom L-308.**

(c) Information on any other Teaching Aids:

❖ **Web Cameras :27**

❖ **Head Phones: 27**

❖ **Desktops for Faculty: 37**

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: **Available**	
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
Pr. G. Laxmaiah		12.08.2022

Signature of HOD
12/8/

Academic and Administrative Audit Form (For the Departments)
Period to consider for Auditing Process: 1st July, 2021 - 30th 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

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 X

(d) Assistant Programmers X

(e) Computer Operators — (Half day)

(f) Skilled Assistants X

(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

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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 ✓   *Signatures ?*

(d) Adoption of safety measures in the Department:

- Safety instructions are displayed inside the lab
- Fire extinguishers are available at the entrance of the labs

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
	    • National : NIL
	    • International : 09
	  (ii) No. of publications in Conferences
	    • National : NIL
	    • International : NIL
	
	(b) Report on Patents/ copyrights/Industrial Designs :
	
	  (i) Published:_NIL
	
	  (ii)Granted:_NIL
	
	Document format is to be inline with the R&D department format Q1, Q2, Q3, Q4 may be mentioned in a seperate column.	

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 $Ti(Fe_{1-x}Co_x)_2$ $(0<x<1)$	Dr. S. ShanmukharaoSamatham (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	Report on Student Projects and their outcomes in terms of publications/ IPR (CAYm1): NIL (a) UG (b) PG NA	
11	Report on MoUs and Ongoing /Completed Activities: NIL	

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: _____ NA
	(iv)Online Journals Subscriptions: _____
	(v) Online e-books Subscriptions:_____
	(vi) Any other item:_____
	(b) Department Library:
	     Total Area: 35.67 sq.mts, located in K-Block, 1st Floor.
	(Furnish Programme-wise Details):
	     (i) Number of Titles: 28
	     (ii) Total volumes of Books: 41
	Internet Connectivity: Broadband &Wifi	

13	Report on Placement, Internship and Training activities:
	(a) Placement Activities: NA
	     (i) Number of companies Visited: _____
	     (ii) Number of Students Placed:_____
	     (iii) Highest Salary offered_____ NA
	     (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 yourDepartment students by Career Development Centre/your Department: SIP	

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	(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 *available* (*Verified*)
	
	(b) Report on Semester wise results (B.E/B.Tech)
	    I Semester Pass % 95.7 (2021-2022) ✓
	    II Semester Pass % 95.4 (2020-2021) ✓
	    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_____ NA
	
	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 % _____ NA
	Number of Students discontinued the program:_____	

15	(CAYm1) ✓ Report on Co-Curricular and Extra-Curricular Activities (with evidences): **SIP (ay 2021-2022)**	

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 —
	    (iv)Employers —
	    (v) Parents —	

(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	K. Wi L	18/8/2022
Dr. M. Swamydas, Professor, CSE	18/8	18/8/2022

Signature of HoD

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Academic and Administrative Audit Form (For the Departments)
Period to consider for Auditing Process: 1st July, 2021 - 30th 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
BE (Civil)	120+12	1979-1980
BE (Mechanical)	120+12	1979-1980
BE (EEE)	120+12	1994-1995
BE (ECE)	180+18	1979-1980
BE (CSE)	180+18	1985-1986
BE (IT)	180+18	2000-2001
B.Tech(Chemical)	60+6	1995-1996
B.Tech(Biotech)	60	2005-2006
BE(AI&DS)	120	2020-2021
BE(IOT&CS)	60	2020-2021
BE(CSE-AI&ML)	60	2020-2021
BE(AI&ML)	60	2021-2022

(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	?	01	---
Associate Professors		----	-----
Assistant Professor	?	09	01

| | Total(1:15) | | | 10 | 01 | |

(a) Faculty members with

    (i) Ph.D. qualification : **11** ✓
    (ii) Post-GraduationQualification:_____
    (iii)Any Other (specify) :_____

(b) FSR Ratio (UG) :__NA___   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	Dr.K.Laxmi	Professor	M.SC., Ph.d	25-06-1998	24 Years	2 Years	26 Years
2	Dr.S.Shylaja	Assistant Professor	M.SC., Ph.d	09-01-2006	16.5 Years	9.5 years	26 years
3	Dr.K.Ramesh	Assistant Professor	M.SC., Ph.d	05-07-2007	15 years	3 years	18 years
4	Dr.M.Mamatha	Assistant Professor	M.SC., Ph.d	09-11-2010	11.8 years	12.5 years	24years
5	Dr.P.Muralikrishna	Assistant Professor	M.SC., Ph.d	03-10-2011	11 Years	7 Years	18 Years
6	Dr.D.Saritha	Assistant Professor	M.SC., Ph.d	24-6-2019	3 Years	7 Years	10 Years
7	Dr.G.Venkata Ramesh	Assistant Professor	M.SC., Ph.d	20-07-2019	3 Years	7 Years	10 Years
8	Dr.M.Rama Devi	Assistant Professor	M.SC., Ph.d	30-07-2015	7 Years	7 Years	14 Years
9	Dr.N.Mahender Reddy	Assistant Professor	M.SC., Ph.d	15-02-2017	5 Years	8 Years	13 Years
10	Dr T V Surendra	Assistant Professor	M.SC., Ph.d	04-10-2021	10 months	02 years	02 years 10 months
11	Dr.K.Sathish Kumar	Assistant Professor	M.SC., Ph.d	27-01-2021	1.7 Months	7 years	8 Years 7 Months

3	Details of Supporting Staff **(a) Technicians :- 04 (Contract)** **(b) Special Grade Record Assistant:- 1(Regular)**

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_____

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

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

(i)   Equipment /Software Details

(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   (a) Report on Research Publications:

      (i) No. of publications in Journals
- National   :_____01_____
- International:_____17_____

      (ii) No. of publications in Conferences
- National   :_____01_____
- International :_____ 04_____

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

      (i) Published:_____Nil_____

      (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
Exploring gold-based alloys and intermetallics with a tunable d-band center for efficient and selective CO_2 reduction.	PI: Dr. Gubbala V. Ramesh	DST_TARE	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	DST	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	TSCOST	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	TSCOST	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	TSCOST	5,00,000/-	Applied

water, Telangana state	V. Ramesh, Dr. N. Mahender Reddy				
Fabrication of Novel Co_9S_8@GdCeInS Heterostructure for Highly Efficient EnvironmentalRemediation Application with Simultaneous Hydrogen Evolution Under Simulated SunlightIrradiation	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: NIL

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** ✓

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13 | Report on Placement, Internship and Training activities:

(a) Placement Activities:

    (i) Number of companies Visited: <u>NA</u> ✓

    (ii) Number of Students Placed: <u>NA</u> ✓

    (iii) Highest Salary offered: <u>NA</u> ✓

    (iv) Average salary offered: <u>NA</u> ✓

    (v) Median Salary offered: <u>NA</u> ✓

(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 ✓

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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:___-___

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

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

    (i) Overall Pass Percentage_____NA___ ✓

    (ii) Percentage of Distinctions_____NA___ ✓

(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:_____

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15   Report on Co-Curricular and Extra-Curricular Activities (with evidences)   *Activity points information*

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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 :

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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 —

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

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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 (inSqmts)
1.	**Chemistry Lab-1**	H-Block & H001	102.6
2.	**Chemistry Lab-2**	H-Block & H003	68.4
3.	**Chemistry Lab-3**	H-Block & H005	68.4
4.	**Chemistry Lab-4**	H-Block & H006	68.4

(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories ___Nill___. *Shared with other 1st year classes.*

(c) Information on any other Teaching Aids: ____. *PPTs.*

20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: No comments/corrections were found. *major* *No Comments*	
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	*k. ved*	11/8/2022
Prof. M. Swamy Das, Jt. Director		11/8/2022

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: 1ˢᵗ July, 2021 - 30ᵗʰ 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**	

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) Consolidated 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

  (ii) Class 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

(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
	411
Number of faculty in the department	27
Student Faculty Ratio = (UG/F)	17.12
PG first year	25
PG second year	25
Total	50
Number of faculty in the department	3
Student Faculty ratio = (PG/F)	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
Between1 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 Jaga nnad	Prof & HOD	Ph D	30-03-2 007	15	16	31

S.No	Name	Designation	Qualification	Date of Joining				
	ha Rao				33	1		34
2	Dr. M. Koti Reddy	Professor	Ph D	10-08-1988	33	1		34
3	Dr. M. V. Krishna Rao	Professor	Ph D	18-04-1991	31	1.5		32.5
4	S.S.V. Chalam	Professor	M.E	28-07-1988	34	1		35
5	Prof. P. Sreenivas Sarma	Professor	M.E	12-06-1986	36	1		37
6	Sri. A. Balaji Rao	Associate Professor	M.Tech	04-08-1990	32	2.5		34.5
7	Dr. N.R. Dakshina Murthy	Associate Professor	Ph D	22-07-2014	8	17		25
8	Sri. G. Bhaskar Reddy	Assistant Professor	M.E	22-08-1990	32	1		33
9	Sri. T. Vasudeva Rao	Assistant Professor	M.Tech	14-10-2000	22	6		28
10	Smt. K. Manasa	Assistant Professor	M.S	04-05-2009	13	0		13
11	Sri. P. Srinivas Reddy	Assistant Professor	M.E	31-01-2011	11.5	12		22.5
12	Sri. K. Koteswara Rao	Assistant Professor	M.E	20-09-2012	10	24		34
13	Sri. R. Ranga Reddy	Assistant Professor	M.E	20-09-2012	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. Ramanarayana Sankriti	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	

S.No	Name	Designation	Highest Qualification	Date of Joining	Experience in CBIT	Experience before joining CBIT	Total Experience
	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.Vina y	Technician - III	Diploma in Civil Engineering	22-11-2 021	7 months	0	0.5	
8	Sri.T.Harin der	Technician - III	B Tech (Civil)	06-11-2 021	7 months	4	4.5	
9	Sri.A.Sri Vishnu	Technician - III		22-11-2 021	7 months	6	6.5	
10	Sri. PLN. Swamy	SAPP-Atte nder	ITI	26-06-1 990	28	1	29	
11	Sri. B. Yadagiri	SAPP-Atte nder	ITI	01-01-2 005	19	0	19	
12	T. Mallesh	Attender	ITI	31-8-20 16	6	0	6	
13	T. Pochaiah	Attender	4th std.	31-8-20 16	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 uto 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 balls are provided with fire extiguishers

	1. Safety shoes, gloves and aprons are used by students to handle process instruments, equipment, and chemicals. 2. Insulated rubber mats are provided near all electrically operated equipment. 3. Safety charts displayed on the lab. 4. All safety rules related to Dos and Don'ts and First aid box are placed at respective places. 5. First Aid kit, Fire Extinguisher, Telephone are available at all laboratories 6. All sign boards are kept at respective places. 7. All the instruments are provided with proper earth connection 8. Storage of chemicals in EE lab are placed only in designated areas. 9. Switching off the power supply to the experimental setup on completion of the experiment. 10. Maintain clean and orderly laboratories, and work area. 11. Motors are fixed with mesh covers for safe operation. 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 13. Machines/ Equipment should not be operated by unauthorized persons. 14. Any injuries should be reported immediately for proper care. 15. Made sure that work areas are properly illuminated and free of debris. 16. Proper ventilation is provided with exhaust fans wherever required. 17. MCB and Stabilizer protection is ensured. 18. Periodical servicing of the laboratory equipment.	
7	**Report on Faculty Improvement/Enrichment Programmes :** ✓ (a) FDP /STTP/Workshops/Seminars organized by the Department : • 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 & Head, Vasavi College of Engg. Dr. K. Jagannadha Rao, Professor & Head was the convener. • 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. • 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.	

- 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 Unv. of Inf. & Tech., Waknaghat, 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 ✓

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Staff are advised to Concentrate more on Evaluation Parameters in the NIRF ranking of the institution.

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 Essesntial 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

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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 AlluVenkatakrishna 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

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(ii)Granted: 1

https://drive.google.com/file/d/1-PUioPlV06SdOfccWtiq0zcqBcyUkycI/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 MVSMurali 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-e3S58Ol8JvwEhnFtdjrpK0/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	1601-19-741-0 05	Malegam Sridhar	Experimental Study on Recycled Aggregate Concrete with Bottom Ash as Partial Replacement of Fine Aggregate	N R Dakshina Murthy	
6	1601-19-741-0 06	Vignesh Alakuntla	Dynamic Analysis of a Mult-Storied Building	T.Vasudeva Rao	
7	1601-19-741-0 07	Syed Muzammil Hyder Razvi	Assessment of Performance of the Structure Equipped with FVD under Seismic Loading	A.Balaji Rao	
8	1601-19-741-0 08	Giramoni Sai Vaishnavi	Shear Wall Design	Dr.A Vimala	
9	1601-19-741-0 09	Aggimalla Swathi	Experimental study on Partial Replacement of Fine Aggregate with Bottom Ash	N R Dakshina Murthy	
10	1601-19-741-0 10	Himaja Bompelli	Seismic Pounding	P.SreenivasSarma	
11	1601-19-741-0 11	Devath Bhadrakali	Experimental study on Behaviour of concrete as Partial Replacement of Cement with Flyash	N R Dakshina Murthy	
12	1601-19-741-0 12	S Karthik Yadav	Thermal Analysis of a Multi-storey Building using Ansys Software	A.Balaji Rao	

	13	1601-19-741-013	A Shiva Prasad Reddy	Study on Behaviour of Structural Systems for Tall buildings subjected to Lateral Loads	K KOTESWARA RAO	
	14	1601-19-741-014	M Sai Chetan	Diagrid Structure	Dr.A Vimala	
	15	1601-19-741-015	Khaja Moinuddin	Self Curing Concrete	M Kalyan	
	16	1601-19-741-016	Salendra Manognya	Modelling of Infill walls for Seismic Analysis of Multi Storey Buildings	M. Koti Reddy	
	17	1601-19-741-017	Mohd Rashid Iqbal	Non-linear Dynamic Analysis of Irregular Structures using Seismic Control Methods	M. Kalyan	
	18	1601-19-741-018	Ayalasomayajula Srividya	Modelling Issues in Structural Analysis	P.SreenivasSarma	
	19	1601-19-741-019	Yallala Shaik Abuzar	Behaviour of Two Adjacent Building Connected by Dampers for Mitigation of Structural Pounding during Earthquake	M. Koti Reddy	

20	1601-19-741-020	Mohd Taqui	Parametric Study on the Analysis and Design of Dome Structures	T.Vasudeva Rao	
21	1601-19-741-021	Gadde Girish	Wind Load Analysis of a RCC Framed Structure using STAAD Pro	K KOTESWARA RAO	
22	1601-19-741-022	I Sai Sandeep	Numerical studies on the Critical Parameters for the Seismic Performance of Tall Buildings	P.SreenivasSarma	
23	1601-19-741-023	Syed Abdul Hai	Structural system of Tall Buildings	Dr K Jagannadha	
24	1601-19-741-024	Thummeti Revanth Kumar Reddy	Durability studies on Self Curing Concrete using PEG as Self Curing Agent	M.Kalyan	
25	1601-18-741-005	P. Vinay	Seismic analysis and design of vertically irregular rc building frames	K.V.Vivek	

26	1601-18-741-00 6	S. Sadhana	Seismic response of cable stayed bridge with different cable arrangements	Dr. K. Jagannadha Rao	
27	1601-18-741-00 7	T. Neeraj	Comparitive study on seismic behavour of coupled shearwall in l-shaped buildings	Dr. K. Jagannadha Rao	
28	1601-17-741-01 8	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 EngineeringServices 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:

[handwritten: Consolidated Report to be prepared.]

(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**

(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.

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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 %

	VIII Semester Pass %: 97.1 %
	
	Number of Students discontinued from the program: 0
	
	(c) Report on overall Results (PG Programs : M.E in Structural Engineering)
	
	    (i) Overall Pass Percentage: 100 %
	    (ii) Percentage of Distinctions: 60.71 %
	    (iii)Percentage of First Classes:39.29 %
	
	Note : Report on CO and PO attainments are to be evidenced
	
	(d) Report on Semester wise results (PG Programs : M.E in Structural Engineering)
	    I Semester Pass % : 84%
	
	    II Semester Pass % : 76%
	
	    III Semester Pass % : 100%
	
	    IV Semester Pass % : 100%
	
	    Number of Students discontinued the program: Nil	

15	(CAYm1) Report on Co-Curricular and Extra-Curricular Activities (with evidences) : Students' achievements- Sudhee & Shruthi 2022 1. Men's (Student) Overall Champion in Annual Sports meet, Shruthi 2022. 2. Women's (Student) Overall Champion in Annual Sports meet, Shruthi 2022. 3. Mrs. Lalitha Kumari won First prize in Badminton, Second prize in Throw ball in Shruthi 2022. 4. Sri. Ramanarayan Sankriti won second Prize in Chess in Shruthi 2022.	

16	(a) Report on Stakeholder's feedback
	
	Evidences of Feedback reports and action proposed /taken for
	    (i) Program exit survey: These details are collected from the final year students using LMS platform ✓
	    (ii) Course exit survey: These details are collected for each subject by the concerned faculty using the LMS platform ✓
	    (iii)Alumni: The feedback is collected from the alumni during the alumni day celebrations 25 December 2021 ✓
	        https://docs.google.com/spreadsheets/d/1AEoIsjU5h8-EiVJVoEfJ46Dk3BG5X I-F/edit?usp=sharing&ouid=115933929456618474230&rtpof=true&sd=true
	    (iv)Employers:Nil ✓ *feed back report of the stake Holder's*
	    (v) Parents: Nil ✓ *to be prepared.*
	
	(b) Evidences of Feedback reports on the Faculty and action proposed/taken reports : Nil ✓	

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 — N A		
	(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	

(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/
Laboratories: 12

(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:	
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same:	
22	Any other Relevant information : Awards/Special Recognitions 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.	

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	A D Sarma *	18/08/2022
Dr. K. SAGAR	Khann	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)

Academic and Administrative Audit Form (For the Departments)
Period to consider for Auditing Process: 1st July, 2021 - 30th 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	Year of Commencement of the program	
	MCA	30	1991	
	(b) Availability of Time Tables : Available – Please click for details			
	(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 30th 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
Between1to 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 - <u>Please click for details</u>
11	Report on MoUs and Ongoing /Completed Activities : **Nil**

12	Report on Library, Internet & other facilities:
	
	(a) Library and Information Centre
	(Furnish Programme-wise Details):
	
	    (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
	(b) Department Library: **No Library for MCA department.**
	(Furnish Programme-wise Details):
	
	    (i) Number of Titles: _____
	    (ii) Total volumes of Books: _____
	(c) Internet Connectivity: Speed : 1 GBPS for entire college, Provider Name: Pioneer
	                         WiFi : EnGenius22FD22

| 13 | Report on Placement, Internship and Training activities |

Outgoing batch – R16 -
https://docs.google.com/spreadsheets/d/11HEDkolmlR29kq1brm42zxN-SteRIyxlAcjw-PtDlFg/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_lSETQVnixii-

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

8

students by Career Development Centre/your Department: <u>Please click for details</u>

| 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) <u>– Please click for details</u>

           (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 <u>– Please click for details</u>

      (d) Report on Semester wise results
         (PG Programs : M.E/M.Tech/MBA/MCA) <u>– Please click for details</u>
         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 : <u>Click for details</u> |

		(ii) Course exit survey	:	

(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 :

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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

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18 Report on Student mentoring and counseling process with evidences :

Available – Please click for details

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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 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

	Any other Relevant information :		
10			

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 Sastry	full	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 → 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.
   Allumini feedback needs to be taken.

6. DAB, PAQIC committees need to be formed.

11

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Academic and Administrative Audit Form (For the Departments)
Period to consider for Auditing Process: 1st July, 2021 - 30th 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. Naraharisastry ECED_

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	~~120~~ 60	1996	
		120	2013	

(b) Availability of Time Tables :   **Available in the Department File**
     (i) Consolidated Time Tables   — Yes
     (ii) Class Time Tables   — Yes
     (iii)Individual Faculty Time Tables   — Yes
     (iv)Laboratory wise Time Tables   — NA —
     (v) Individual Non-Teaching/Faculty Time tables — NA —
     (vi)Calender   — Yes

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: ___1:16___

(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 15 Years	4+1 (MGIT)
Between 1 to 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	Yes	
Audit II	Yes	
Audit III	Yes	

(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.
1. 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.
2. Classrooms are fully furnished with LCD with Computers, Audio system with mic facility and Wi-Fi facility.
3. 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 (LMS, e-Resources)	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	(a) Report on Research Publications:

(i) No. of publications in Journals
- National : _____NIL_____
- International: _____23_____

(ii) No. of publications in Conferences
- National : _____0_____
- International: _____1_____

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

(i) Published:_____2_____

(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
NIL				

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

(CAYm1)

(a) UG

(b) PG – **YES (2 student publications)**

---

11   Report on MoUs and Ongoing /Completed Activities : NIL

---

12   Report on Library, Internet & other facilities:
(a) Library and Information Centre
(Furnish Programme-wise Details):

(i) Number of Titles: _____2261_____

(ii) Total volumes of Books: ___7516___

(iii) Number of Journals: _____15_____

(iv) Online Journals Subscriptions: ___100___

(v) Online e-books Subscriptions:_____10322_____

(vi) Any other item:_____

(b) Department Library: — Nil —

(Furnish Programme-wise Details):

(i) Number of Titles: _____

(ii) Total volumes of Books: _____

(c) Internet Connectivity: _Broad Band available._
Wi-fi band width is very poor

13	Report on Placement, Internship and Training activities:

(a) Placement Activities:

(i) Number of companies Visited: ____75_____

(ii) Number of Students Placed:_____89_____

(iii) Highest Salary offered____8,03,880/-_____

(iv) Average salary offered:____ Rs.4,26,125.60_____

(v) Median Salary offered____Rs.6,00,000_____

(b) Internship Activities:

(i) Number of Organizations offered Internships :___55_____

(ii) Number of Students carried out Internships :____116_____

(iii) Number of Internships carried out with stipend:___06__

(iv) Total Number of Internships:___116_____

(v) Highest Stipend offered :____45000_____

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

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)

    (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 : Yes	
19	Report on Infrastructural Details of the Department : **LIST ENCLOSED** (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	PG201	
2.	--	----	--
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	(b) Number of LCD Projectors/Digital Boards available in class rooms/seminar Halls/ Laboratories _____ . List Enclosed (c) Information on any other Teaching Aids:____ . List Enclosed.	
20	Action taken report of the previous year "Academic Audit" findings and the effectiveness of the same: __ Implemented __	
21	Action taken report of the previous year "Program Exit Survey Feedback" findings and effectiveness of the same: Wi-fi connectivity needs to be improved	
22	Any other Relevant information : ———	

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

Name of the Auditor and Designation	Signature	Date
Dr. P. Venkata Prasad		15-10-2022
Dr. P. Narahari Sastry	15/10	15-10-2022

Signature of Head of the Dept.

Chaitanya Bharathi Institute of Technology (Autonomous)
Period to consider for Auditing Process: 1st July, 2021 - 30th 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 on website)	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.	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 seperate 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 list date & time of statechar, sending e-mail ebf/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 valuators 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 AEC verification of answer scripts	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	

19/08/2022

Signature of the Expert
(DY. M. V. KRISHNA RAO).

Signature of the Expert
(Dr. P. Prabhukarthi)