Department of Information Technology

ACTION TAKEN ON STAKEHOLDERS FEEDBACKS 2020-21

INDEX

Dept.of IT,CBIT. 2020-21		
S.No	**Suggestions for improvement of**	**Actions Taken**
Response	Q14_Suggestions-Curriculum	
35401		
32999	For subjects like Cloud Computing bigdata need to be added	incorporated Cloud computing and bigdata https://cbit.ac.in/wp-content/uploads/2019/04/IT-BE-R18-VII-VIII-Semesters-2021-22.pdf
35402	Better to avoid including many core subjects in the 7th sem, because students need time to prepare for	
32987	The syllabus needs to be updated with industry standards.	
35060	None	
33069	The first sem should have coding and traing of how the projects are done and next semester should have	
35312	Please maintain grounds with some	
35657	To write a review one must understand	
35595	few courses have outdated syllabus, for	
35541	Nothing for now	
35516	Add full stack development Add new technologies , More projects from different domains instead of only ML/AI	fullstcak development is included in R20 regulation

Head Dept. of IT
CBIT, Hyderabad

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

AICTE Model Curriculum (with effect from 2021-22)
B.E. (Information Technology)

SEMESTER– VII

S.No	Course Code	Title of the Course	Scheme of Instruction		Scheme of Examination			Credits
			Hours per Week		Duration of SEE in Hours	Maximum Marks		
			L/T	P/D		CIE	SEE	
THEORY								
1	18IT C27	Big Data Analytics	3	-	3	30	70	3
2	18IT C28	Embedded Systems	3	-	3	30	70	3
3	18IT C29	Internet of Things	3	-	3	30	70	3
4	18IT C30	Distributed Systems	3	-	3	30	70	3
5		Core Elective - 5	3	-	3	30	70	3
PRACTICAL								
6	18IT C31	Big Data Analytics Lab	-	2	2	15	35	1
7	18IT C32	Embedded Systems and IoT Lab	-	2	2	15	35	1
8	18IT C33	Distributed Systems Lab	-	2	2	15	35	1
9	18IT C34	Project Part - 1	-	4	-	50	-	2
		TOTAL	15	10	-	245	455	20

L: Lecture **T: Tutorial** **D: Drawing** **P: Practical**
CIE-Continuous Internal Evaluation **SEE-Semester End Examination**

Core Elective-5		
S.No.	**Subject Code**	**Subject Name**
1.	18IT E17	Cloud Computing
2.	18IT E18	Quantum Computing
3.	18IT E19	Natural Language Processing
4	18IT E20	Block Chain Technology

Name	Designation: Assi	Other	Action Taken
K Gangadh	Asst professor		
Rajesh Kar	Assistant Professor		
Dr B.Veera	Assistant Professor		
V.K.Aravin	Assistant professor		
Anireddy S	Assistant Professor		
kratika sha	Assistant Professor		
Swathi Sov	Assistant Professor		
SIRISHA A	Assistant Professor		
E Ramalak	Assistant professor		
Dr M trupth	Assistant Professor	incorporate Internship to drop open elective courses	https://www.cbit.ac.in/wp-content/uploads/2021/
T Prathima	Assistant Professor	More emphasis on OBE and all our efforts are even more aligned for the attainment of PO's and PSOs; necessary labs must be established	
T. Satya Ki	Assistant Professor		
p vasanth s	Asst Professor	Excellent	
K. Radhika	Professor		
R Govardh	Assistant professor		

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
DEPARTMENT OF INFORMATION TECHNOLOGY
Report on Alumni Survey 2020-21

S.No	Description	No. of Responses	Value (At the Scale 1 to 3)	Action Taken
1.	Overall academic experience at CBIT	78	2.55	
2.	Overall academic experience in your Department or Programme.	78	2.42	
3.	Co-curricular/Extra-curricular activities (Shruthi, Sudhee/Tecstasy, NSS, others) at CBIT	78	2.38	
4.	List the top 5 Subjects of your Programme which helped in your career	78	-	
	Artificial Intelligence, Digital Image Processing, Natural Language Processing, Data Warehousing & Data Mining, Big Data Analytics, Software Engineering, Distributed Systems, Principle ofOperating Systems , Database Systems & Information Security, Data structures, java, c, c++, web development, Math, IT LAB, English, entrepreneurship, environmental education, Business intelligence, Python programming,	-	-	
5.	**Kindly provide suggestions/modifications to revise the Vision of the Department**	**8**	**-**	
	Improve curriculum.	-	-	Curriculum Revised in R18 and R20 which emphasis on practical orientation
	Need more Industrial exposure	-	-	Guest Lectures organized with Industry experts to

				bridge the gap between Academics and Industry. Ex : T-Tribe
	Include making students ready to face the current industry challenges while learning trending technologies	-	-	NPTEL , COSC club events are helpful for industry exposure.
	Concentrate more on using latest technologies trending in the software industry	-	-	Model Curriculum
6.	**Kindly provide suggestions/modifications to revise the Mission of the Department**	3	-	
	Should include monthly internships for students to get field experience	-	-	Internships are mandatory as per R20 curriculum
	Encouraging Ideas	-	-	Internal Hackathon are organized to encourage student's ideas
	Include imbibing technical skills in the students making them professionally ready to work with experienced teams and face interviews with practical knowledge	-	-	Placement Training , Alumni interactions and Hands on workshops and Mock placements will help to be industry ready.
7.	**Kindly provide suggestions/modifications to revise the PEOs of B.E. IT Programme**	5	-	
	Focusing on practicals rather than having more than theory and donot waste time on having and explaining extra subjects which aren't useful for students	-	-	For each lab supporting staff allotted to clear doubts
	It was a great experience overall and I would only suggest to add more new technologies and skills to the curriculum to comply with the current industry	-	-	Yes , Model Curriculum Curriculum Revised in R18 and R20 which emphasis on practical orientation
	Make modifications in subjects included, differentiate mandatory	-	-	Modifications in Elective subjects were done based on BoS suggestions

	subjects and electives more precisely according to requirements in software industry			
	Discussion on Real world use cases with challenges along with followed strategies	-	-	Use cases were introduced in SE Lab
	Including more coding and practical experience into the curriculum	-	-	Coding events under COSC club will be helpful.
8.	**Kindly provide suggestions/modifications to revise the PEOs of B.E. IT Programme**	1	-	
	Encouraging Ideas through mini projects	-	-	Selected best **mini projects were encouraged to participate in paper presentations** and Hackathon events.
9.	**Any other feedback / suggestions**	2	-	
	need to see the latest curriculum	-	-	Yes , Model Curriculum Curriculum Revised in R18 and R20 which emphasis on practical orientation
	Overall it was a great learning experience for me and I would only suggest to include the skills and technologies that comply with the current industry trends. Thank you.	-	-	

Head Dept. of IT
CBIT, Hyderabad

18IT C20 **SOFTWARE ENGINEERING LAB**

Instruction	2 Hours per week
Duration of SEE	2 Hours
SEE	35 Marks
CIE	15 Marks
Credits	1

Course Objectives:

1. To discuss use case models that capture requirements of a software system.
2. To illustrate dynamic models of a software system.
3. To build class diagrams that models a software system.
4. To acquaint with activity and swimlane models.
5. To familiarize with analysis and design models.

Course Outcomes:

Upon successful completion of this course, students will be able to:

1. Interpret user requirements using the UML notation.
2. Illustrate Dynamic models of a software system.
3. Design class diagrams that model a software system.
4. Develop Activity and swim lane models.
5. Implement Analysis and Design models for various real world scenarios.

List of Experiments

1. Construct Use case diagrams for the following
    a. Diagram editor.
    b. Library information system.
    c. Banking system.
2. Construct Sequence diagrams for the following.
    a. Mobile phone.
    b. Use case student register for a course.
    c. Diagram editor.
3. Construct Collaboration diagrams for the following
    a. Use case librarian issues books to student.
    b. Mobile phone.
    c. Diagram editor.
4. Construct Activity diagrams for the following
    a. ATM transaction.
    b. Ticket machine.
    c. Sales order processing.
5. Construct Swim lane diagrams for the following
    a. Account.
    b. CD player.
    c. ATM machine.

Case Studies:

Develop analysis and design models for

6. Passport automation system
7. Credit card processing
8. BPO management system
9. E-book management system
10. Recruitment system

Dept. of IT ,CBIT -Employer Feedback Responses 2020-21					
Company:	**e Employer:**	**Designatio**	**Name(s) o**	**Suggest few Course**	**Action Taken**
Tata Consul	Dhiraj Kuma	Project Lea	Vasudeva		
Delhivery pv	Bojja Sri Ran	Senior Mar	Chandraha		
Infosys Limit	Praveen Mel	Technical T	Sindu Pabl	None	
Infosys Ltd.	Abhilash Kar	Senior Con	Raviteja M	Psychology of Learning and Adaptability to change Management, Cloud and Its Dynamics, Geo-political economics, to name a few.	In AICTE_MC_ VIII Sem_Cloud Computing as an Elective
Infosys limite	Infosys	Senior syst	Anusha		
Loyalty Jugg	Mohan Reddy Guntaka		Nikhil Kum	Cloud Computing	

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