CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY
An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in
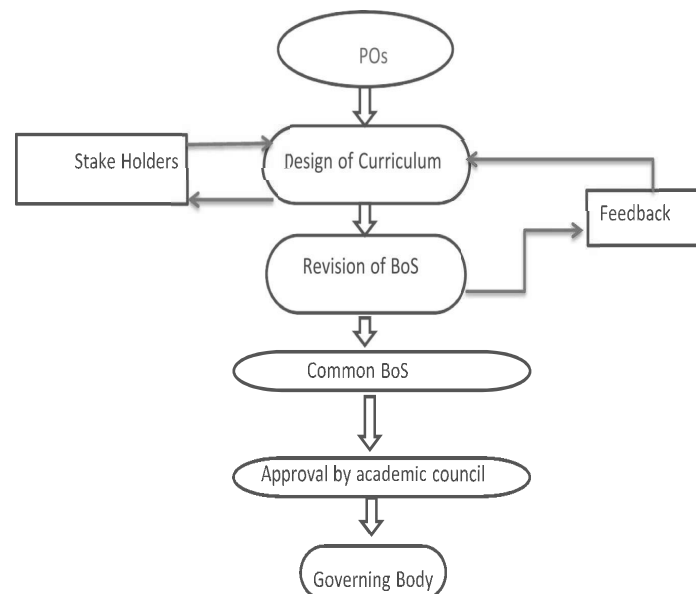
COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION
45 years

1.4 Feedback System

1.4.1   Department obtains feedback on the syllabus and its transaction at the institution from the following stakeholders.

1. Alumni

2. Students

3. Teachers

4. Employer

5. Parent

The Process for designing curriculum

Department of Information Technology

Stake holders feedback

Head Dept. of IT
CBIT, Hyderabad

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

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION
45 years

Approved by | Recognized Research Centers | Programs Accredited by | Grade A++ in | All India Ranking 151-200 Band | ISO Certifications
NBA | NAAC | nirf | Quality Audit 9001 : 2015 | Green Audit 14001 : 2015 | Energy Audit 50001 : 2018

Stakeholders involvement in the process of improvement of PEOs and POs/Curriculum:

STAKE HOLDERS

STUDENTS

> Students involvement helps in improvement of teaching and learning.

> The student feedback helps the faculty to improvise his/her methods of teaching for continous improvement.

> Students input also helps the department to decide the introduction of new elective courses that will meet the current trends.

FACULTY MEMBERS

> Faculty members are the key to successful implementation of the program.

> Faculty involvement through meetings, seminars and academic committees, improves the consistency of the program outcomes.

> Faculty contribute directly to the designing of the program, PEOs/POs, and course outcomes.

ALUMNI

> Alumni plays a important role in designing the departmental objectives through their feedback.

> Alumni feedbacks are necessary to incorporate the recent requirement of industries and current trends.

>Alumni feedback is essential for preparing the students to meet the job expectation and make them employable.

INDUSTRY

> Industry involvement is highly essential for formulation of Department objectives, vision and mission.

> The feedback from the industries play a vital role in developing the course curriculum and incorporating new technologies.

> The industries are also benefitted by employing students already groomed to their requirement

PARENTS

> Parents expect a bright career in and higher education of their wards; and their feedback are always appreciated by the department.

Name:	Year of Passing :
Name of the Organization:	Designation:
Email Id:	Contact No.:
Domain:	Technology:
Official Address:	Personal Address:

The purpose of this questionnaire is to solicit, in a completely confidential manner, information about your satisfaction with your experience of graduate education at CBIT and your professional activities since you have completed your graduate degree.

The department focuses for further enhancement of its curriculum, Interaction with Industry, Research and Consultancy. Your responses will help us improve and strengthen graduate education at both the departmental and Institution levels, as well as strengthens the relationship with our alumni. Thank you in advance for your cooperation and participation.

I.   **Experience at CBIT**

How would you assess your experience at CBIT in each of the following aspects? Rate on a scale of 1 to 3 *(1-Low, 2-Medium, 3-High)*	Rating 1/2/3
Overall academic experience at CBIT	
Overall academic experience in your Department or Programme	
Co-curricular/Extra-curricular activities (Shruthi, Sudhee/Tecstasy, NSS, others) at CBIT	

II.   List the top 5 Subjects of your Programme which helped in your career

III.   Feedback on Vision and Mission of the Department

The VISION and MISSION of our department is framed to be in line with the Institute's VISION and MISSION mentioned below:

Vision of the Institute:
To be a center of excellence in technical education and research

Mission of the Institute:
To address the emerging needs through quality technical education and advanced research.

We request you to rate the VISION and MISSION of our Department, by choosing your answer on a scale of 1 to 3 *(1-Low, 2-Medium, 3-High)*

Statements	Rating 1/2/3
Vision of the Department: To be a center of excellence in the field of Information Technology that yields pioneers and research experts who can contribute for the socio-economic development of the nation.	
Mission of the Department: [Four statements] M1: To impart state-of-the-art value based education in the field of Information Technology.	
M2: To collaborate with industries and research organizations and excel in the emerging areas of research.	
M3: To imbibe social responsibility in students.	
M4: To motivate students to be trend setters and technopreneurs	

IV.   Feedback on Program Outcomes (POs) given by NBA

How your program curriculum helped you in the attainment of the following POs, please rate on a scale of 1 to 3 *(1-Low, 2-Medium, 3-High)*?

PO No.	PO Statement	Rating 1/2/3
PO1: Engineering knowledge:	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	
PO2: Problem Analysis:	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	
PO3: Design /Development of solutions:	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	
PO4: Conduct Investigations of Complex Problems:	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	
PO5: Modern tool usage:	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	
PO6: The engineer & society:	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	
PO7: Environment and sustainability:	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	
PO8: Ethics:	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	

PO9: Individual & team work:	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	
PO10: Communication:	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	
PO11: Project management and finance:	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	
PO12: Life-long learning:	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	

V. Feedback on **Program Specific Outcomes (PSOs)**

How your program curriculum helped you in the attainment of the following PSOs, please rate on a scale of 1 to 3 *(1-Low, 2-Medium, 3-High)*?

PSO No.	Statement	Rating 1/2/3
PSO1	Acquire knowledge to pursue higher studies in specializations like Computer Networks, Software Engineering, Data Analytics in reputed Universities	
PSO2	Develop professional skills in the thrust areas like image processing, Data Mining, Networks, Embedded Systems and Information Security.	
PSO3	Contribute to the growth of the nation by providing IT enabled solutions	

VI. Feedback on **Program Educational Objectives (PEO's)**

How your program curriculum helped you in the attainment of the following PEOs, please rate on a scale of 1 to 3 *(1-Low, 2-Medium, 3-High)*?

PEO No.	Statement	Rating 1/2/3

PEO1	To impart students with skills required to analyze real world problems using state-of-the-art engineering, mathematics, and computing knowledge.	
PEO2	To provide students with effective problem solving skills which enable them to research and develop solutions to meet public and private sector needs.	
PEO3	This program inculcates professional ethics, communication skills, zeal for lifelong learning and adaptability towards emerging tools and technologies.	
PEO4	The graduating students of Information Technology will be enriched with professional leadership qualities to excel in interdisciplinary domains.	

Any Suggestions/Modifications to revise the following of the Department
Vision: _____
Mission: _____

Any Suggestions/Modifications on revised PEOs and PSOs of the B.E. IT Programme
       PEO's of B.E. IT:
1.   Analyze and provide solutions for real world problems using state-of-the-art engineering, mathematics, computing knowledge and emerging technologies.
2.   Exhibit professional leadership qualities and excel in interdisciplinary domains.
3.   Demonstrate human values, professional ethics, skills and zeal for lifelong learning
4.   Contribute to the research community and develop solutions to meet the needs of public and private sectors. /Work in emerging areas of research and develop solutions to meet the needs of public and private sectors.

    PSO's of B.E. IT:
1.   Contribute to the growth of the nation by providing IT enabled solutions.
2.   Develop professional skills in the thrust areas like Computer Networks, Image Processing, Data Mining, Internet of Things, Cloud Computing and Information Security.
3.   Pursue higher studies in specializations like Artificial Intelligence, Data Science, Cyber Security and Software Engineering in reputed Universities.

PSO's : _____
PEO's: _____

1.	Develop professional skills in the thrust areas like ANN and Deep learning, Robotics, Internet of Things and Big Data Analytics.
2.	Pursue higher studies in Artificial Intelligence and Data Science in reputed Universities and to work in research establishments

PSO's : _____

PEO's: _____

VII. Transition from College to Corporate

The transition from College to Corporate/Industry would have been easier if the following were added to the Curriculum:

1._____

2._____

3._____

VIII. Any additional qualifications obtained after your graduation

Institution at which you enrolled	Field of specialization	Duration of the programme	Year of Completion

How well do you think your degree programme at CBIT has prepared you for your chosen career?
Inadequately / Adequately / Quite well / Very well prepared

Please list any professional prizes, awards and/or recognition you have received after your graduation
Note:
i. Include Professional Society Awards, Academy Memberships, Governmental and Industry Awards and Prizes
ii. Community, Community Service, or similar Awards, Prizes, or other recognition you have received since completing your degree.

S.No	Description of the Recognition	Organisation	Year of recognition

Thank you for taking the time to complete this survey.

Head Dept. of IT
CBIT, Hyderabad

Students feedback

Timestamp	Name of the student	Overall feed back on R 20 Syllabus
1/24/2024 10:21:18	Vaishnavi	Python,c
1/24/2024 10:21:38	Veerabomma abhishek	Good
1/24/2024 10:21:47	Ankathi Sai Mehar	Good
1/24/2024 10:21:59	Harshith Reddy Muthyala	Good
1/24/2024 10:22:18	Nikhitha kontemukkula	Best
1/24/2024 10:23:17	Kotipalli Sathvika	Best
1/24/2024 10:23:43	Hafsa Zareen	-
1/24/2024 10:23:57	Pavan Teja Shivarathri	Excellent
1/24/2024 10:24:30	Rameshwaram Priyanka	--
1/24/2024 10:24:33	Dashmeet Kour	...
1/24/2024 10:25:10	M. Abhinav sai	good
1/24/2024 10:25:37	Kodem Ramya Sri	Good
1/24/2024 10:25:40	Laxmi Thodupunuri	Excellent
1/24/2024 10:25:45	Nikitha basa	Good
1/24/2024 10:25:45	Rajeshwari Panduga	Good
1/24/2024 10:26:03	Bonala Koushik	well defined and structured time table, useful for students when they use it complete properly.
1/24/2024 10:26:09	G Ashritha Raj	Good
1/24/2024 10:26:16	R Srija	Need to focus on elective course syllabus and overall feedback is excellent
1/24/2024 10:27:16	Chakilam Saideep	Good
1/24/2024 10:29:24	Y Dhanush Kumar Reddy	Python
1/24/2024 10:29:43	Prem Kumar Kambala	So far R20 is best syllabus we have ever come across in terms of subjects and practicals but in R21, R22 has its own demerits.C language must be included in R21,R22 syllabus since it is basic programming language one must get to possess knowledge in various kinds of technical analysis. Even though python is there C must be included so
1/24/2024 10:30:22	Katapally Sruthi	Good
1/24/2024 10:32:16	Vaishnavi	-
1/24/2024 10:33:12	Vaddera Vyshnavi	Good
1/24/2024 10:36:42	Morusu kavya sree	5/5
1/24/2024 10:36:51	Jabili Bandaru	Inclusion of lab for professional elective subjects
1/24/2024 10:48:21	Pallavi Narsipuram	GOOD
1/24/2024 12:53:26	Gayathri Sai Sree Polamarasetti	It was best but syllabus of subjects like cloud computing and mobile computing felt lengthy
1/24/2024 19:16:51	Anuraag B	must approach opportunities with curiosity, energy and enthusiasm
1/26/2024 9:23:40	Charitha Boda	Good

Teachers Feedback

Timestamp	Name of the Faculty	Email Id (Eg:ksugamy	Designation (Eg: Assistan	Overall feed back on R 22 Syllabus
1/23/2024 11:37:56	Dr.P. Ramesh babu	prameshbabu_it@cbit.ac	Associate Professor	good and need to be improved with more suggestions and discussions from all the subject expertise.
1/23/2024 13:48:27	Dr. T.Satyanarayana	tsmurthy_it@cbit.ac.in	Associate Professor	Its good
1/23/2024 15:55:03	B.VEERA JYOTHI	veerajyothi_it@cbit.ac.i	ASSOCIATE PROFESSOR	GOOD
1/24/2024 9:25:12	B.HARISH GOUD	harishgoudb_it@cbit.ac.	Assistant professor	Good
1/24/2024 9:25:24	Dr.N.Sudhakar Yada	sudhakaryadavn_it@cbi	Associate Professor	R22 syllabus design is goog
1/24/2024 9:26:07	R Govardhan Reddy	rgovardhanreddy_it@cb	Assistant professor	Good
1/24/2024 9:26:38	U Sairam	usairam_it@cbit.ac.in	Assistant Professor	Needed Basic Programming language like C and C++ for better improvement of student in problem solving
1/24/2024 9:27:54	Kiranmaie puvvula	kiranmaie_it@cbit.ac.in	Assistant Professor	Needed more work to keep better
1/24/2024 9:29:09	Dr Ramakrishna Koli	ramakrishna_it@cbit.ac.	Professor	Very Good
1/24/2024 9:29:18	M Venu Gopalachari	mvenugopalachari_it@c	Professor	Good
1/24/2024 9:30:01	Dr sugamya katta	ksugamya_it@cbit.ac.in	Assistant Professor	Need to revise the DLCA subject
1/24/2024 9:32:16	Dr. Pragati Priyadars	pragatipriyadarshinee_it	Assistant Professor	It is fine.
1/24/2024 9:32:27	Rajesh Kannan K	rajeshkannan_it@cbit.ac	Assistant Professor	The Syllabus is on par with industry standard especially in programming courses.
1/24/2024 9:33:10	N SHIVAKUMAR	shivakumarn_it@cbit.ac	Assistant Professor	Changes are required in the Lab syllabus
1/24/2024 9:36:25	Swathi Kothapalli	kswathi_it@cbit.ac.in	Assistant Professor	
1/24/2024 9:37:07	Madhuri T	tmadhuri_it@cbit.ac.in	Assistant Professor	ES&IoT: ES can be divided into 2 units and IoT can be distributed in the remaining 3 units.
1/24/2024 9:37:54	Santhosh Voruganti	vsantosh_it@cbit.ac.in	Asst.Prof	CIE SHOULD BE 30 MARKS,EXTERNAL SHOULD BE 70 MARKS
1/24/2024 9:40:02	D JAYARAM	djayaram_it@cbit.ac.in	ASSISTANT PROFESSOR	VERY GOOD
1/24/2024 9:41:15	Dr. S. Rakesh	srakesh_it@cbit.ac.in	Assistant Professor	Good
1/24/2024 9:41:25	Dr K H Vijaya Kuma	vijayakumari_it@cbit.ac	Assistant Professor	1) Advanced Data Structures with C can improve student's indepth knowledge Network Programming with Linux can be included 3) Students are doing projects in Computer Vision without the fundamental knowledge, inclusion of Computer Vision as a regular subject is need of the hour 4) For first year PSP subject should be designed in C for the clear knowledge
1/24/2024 9:42:57	Dr.Ramu Kuchipudi	ramukuchipudi_it@cbit.	Associate Professor	At least 3 textbooks can be added
1/24/2024 9:47:34	R. Sai Venkat	saivenkatr_it@cbit.ac.in	Assistant Professor	5
1/24/2024 9:49:43	G. Srikanth	srikanthg_it@cbit.ac.in	Assistant Professor	5
1/25/2024 10:57:28	E Ramalakshmi	eramalakshmi_it@cbit.a	Assistant Professor	Operating systems course which is in 3rd semester currently may be shifted to later semesters IV or V semester.Students are facing difficulty because by that time they don't study any prerequisites like computer organization, data communications or networks related course. and the associated lab is not required
1/25/2024 13:08:36	Dr.B. Swathi Sowmy	swathisowmya_it@cbit.a	Assistant Professor	Problem Solving should be with C, instead of Python

Head Dept. of IT
CBIT, Hyderabad

Parents feedback

Timestamp	Parent Name	Email Id:	Occupation/D	Contact No.:	Year of Joinir	Any suggestions	Any other suggestions
1/24/2024 17:21:34	Vijaya Lakshmi	Vijjalluri@yahc	Interior design	9849283368	2019	None	None
2/20/2024 7:14:37	Elizabeth Raju	rajupattazhypy	Educationist	9705046898	2019		

Head Dept. of IT
CBIT, Hyderabad

Summary of Stakeholders Feedback (includes Alumni, Parent, Industry Personnel, Employer,student etc)

S.No	Name with Designation	Details	Email ID	Contact No.
1	Abhishek Jallawaram (Alumni)	Infosys, Senior System Engineer	abhishek.jallawaram@infosys.com	7680078687
2	M Keerthana Reddy (Alumni)	L &T Infotech, Data Engineer	reddykeerthi6132@gmail.com	9866045306
3	Paul Sampson Ledala (Alumni)	D e l o i t t e , B u i s n e s s Technology Analyst	paul.samps.ledala@gmail.com	9704024984
4	Durga Srinivas P (Parent)	Software Engineer	Durga.patnala@infosys.com	9848046218
5	Phani (Industry)	Associate project Engineer, Cognizant technologies	Phani@cognizant.com	8555873170
6	Anil kumar (Industry)	Software Engineer Mictron	anilkumartc96@gmail.com	7013114956

Feedback on Curriculum from Stakeholders

Students	
Number of Students Participated: 120	

S.No	Name and Year	Feedback
01	Sasank. T 2021-22 Graduate	Better to introduce latest technologies like REACT JS, ANGULAR, Deep learning etc
02	Sai Priyanka 2021-22 Graduate	Python need to included
03	Jashwanth Thammana b 2021-22 Graduate	If more industry specific and relevant(current) technologies like Full stack frameworks would've been included as electives if the student wants to pursue a career in fs
04	Shaik Abdullah Adnan Barclays , 2021-22 Graduate	Compiler Design has to be included as a core subject

Feedback on Curriculum from Stakeholders

	Faculty	
Number of Faculty Participated: 14+30		
S.No	**Name and Designation**	**Feedback**
01	Dr. T.Prathima, Assistant Professor	Faculty identified must be provided handson training on courses like Full Stack Development and Springboot may be through Industry certifications, MOOCS etc; necessary labs must be established
02	B Surya Samantha, Assistant Professor	To enrich the learning process, modern software engineering, information security management, and mobile application development laboratories can be added to provide students with more exposure to the industry
03	Dr. M.Trupthi, Assistant Professor	Mandate internships for the students
04	U.Sairam Assistant Professor	Needed Basic Programming language like C and C++ for better improvement of student in problem solving
05	Dr K H Vijaya Kumari Assistant Professor	1) Advanced Data Structures with C can improve student's indepth knowledge Network Programming with Linux can be included 3) Students are doing Computer Vision without the fundamental knowledge, inclusion of Comp as a regular subject is need of the hour 4) For first year PSP subjec designed in C for the clear knowledge

Feedback on Curriculum from Stakeholders

	Faculty	
Number of Faculty Participated: 14+30		
S.No	**Name and Designation**	**Feedback**
06	Santhosh Voruganti Assistant Professor	CIE should be 30 marks, external should be 70 marks
07	Madhuri T Assistant Professor	ES&IoT: ES can be divided into 2 units and IoT can be distributed among other 3 units.
08	Dr sugamya katta Assistant Professor	IoT security as another subject may be useful

Feedback on Curriculum from Stakeholders

Industry		
Number of Industry persons Participated: 15		
S.No	**Name and Designation, Industry name with Details**	**Feedback**
01	Anil kumar Software Engineer Mictron	Robotic process automation-course has to be included in the curriculum
02	Sai kumar Analyst, JPMC	React and angular and full stack
03	Phani, Associate project Engineer, Cognizant technologies	Hands on experience in Blockchain technology will be an add on advantage for students
04	Sneha Reddy Software Development Engineer Expedia Technologies	Cloud practical training

Feedback on Curriculum from Stakeholders

	From Reputed Academicians	
Number of Academicians Participated: 03		
S.No	**Name and Designation, Organization name with Details**	**Feedback**
01	Prof. K. Shyamala, Professor, CSE Dept., UCE, O.U, Hyderabad	Full Stack web Application Development and Microservices with Spring Boot courses has to be renamed .
02	Prof. O.B.V. Ramanaiah, Professor, CSE, Dept. of CSE, JNTUH(A), Hyderabad	
03	Mr. Praveen Tammana, Assistant Professor, Department of Computer Science Engineering, IIT Hyderabad.	Automata Theory and compiler design has to be kept as separate core courses but not as electives

Feedback on Curriculum from Stakeholders

Alumni	
Number of Alumni Participated: 40	

S.No	Alumni name with pass-out year, Present position	Feedback
01	Haritha Choudary-2020 Deloitte USI, Business technology analyst	Please bring in tie ups with international universities in order to provide student exchange programs and semesters abroad!
02	Kiran Kumar chirra, 2019 Cognizant Technology Solutions India Pvt Ltd, Domain-React&JS	Encouragement to participate in Internship Programs for the candidates with low aggregate also.
03	M Keerthana Reddy -2020, L and T INFOTECH, Data Engineer	Cloud Technologies and More practical experience in Data science
04	Paul Sampson Ledala-2020. Deloitte Buisness Technology Analyst	Inculcate practical coding into classroom teaching method (not just in the lab) with students using laptops/ipads while listening to lectures for note-taking or instant demo of the taught material, include scenario-based learning to improve analytical thinking.

Feedback on Curriculum from Stakeholders

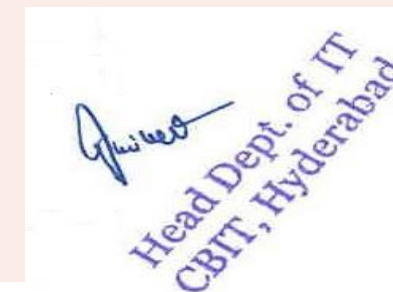|	Employers	
S.No	**Employer Name with Details**	**Feedback**
01	TMEIC, J .Kartik Rao, Manager-HR	Students should focus more on core subjects some interpersonal skill development programs to be conducted
02	Deliveroo	Students should focus ,more on Data Structures and Algorithma, should practice more in programming, Students are weak in Computer Science fundamentals . Students are not able to design databases and indexes.
03	Darwin Box	Need to improve SQL and OOPs skills

BOS Members

S.No	BOS member Name with Details	Suggestions
01	Prof. K. Shyamala, Professor, CSE Dept., UCE, O.U, Hyderabad.	The committee has suggested :
02	Prof. O.B.V. Ramanaiah, Professor, CSE, Dept. of CSE, JNTUH(A), Hyderabad	1. To swap the Compiler Design course from Professional Electives with Cloud Computing under core courses. 2. To change the title of the course Data Warehousing and Data Mining to Data Mining
03	Mr. Praveen Tammana, Assistant Professor, Department of Computer Science Engineering, IIT Hyderabad.	3. To include somecase studies in the Java Programming Lab course 4. To include the Node JS, Json, Asynchronous calls in the Web Technologies Lab course
04	Mr. Akash Sinha, Head, Learning and Development L4G, Hyderabad	5. To add the time and space complexity metrics in the DAA Lab course.
05	Ms. G. Gayathri, Team Lead, Amazon Development Center	