



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(Autonomous)

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

www.cbit.ac.in

Criteria I:	CURRICULAR ASPECTS
Key Indicator – 1.3	Curriculum Enrichment
Metric 1.3.3	Average Percentage of students enrolled in the courses under 1.3.2
LIST OF ENROLLED STUDENTS IN VALUE ADDED COURSES	

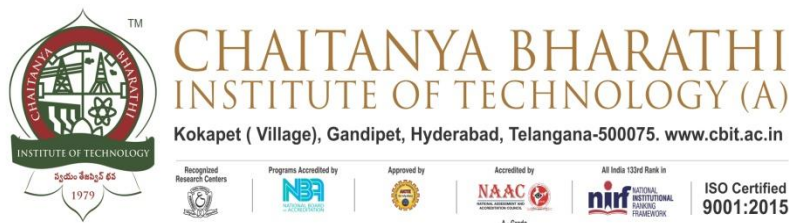
Total number of students in this list: 4229

2021-22						
Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course in Hours	Number of students enrolled in the year	Number of Students completing the course in the year
Cyber security (work shop)	CBIT/21ITV01	2021-22	1	40	379	379
Programming for Problem Solving	NA	2021-22	1	40	311	293
Basics of Data Structures	NA	2021-22	1	40	195	194
Basics of Data Structures Lab	NA	2021-22	1	40	195	193
MOOCs/Training/Internship	NA	2021-22	1	40	196	195
Universal Human Values II: Understanding Harmony	NA	2021-22	1	40	196	195
Indian Heritage and Culture	CBIT/21EGV05	2021-22	1	40	445	445
Fundamentals of Management	CBIT/21MEV07	2021 - 22	1	40	199	196
Fundamentals of Virtual Reality	NA	2021 - 22	1	40	39	39
Object Oriented Programming Using Java	NA	2021 - 22	1	40	151	141

Quantum Computing	NA	2021 - 22	1	40	9	9
Engineering Economics and Accountancy	NA	2021 - 22	1	40	195	194
A Journey towards Entrepreneurship	CBIT/21MEV09	2021 - 22	1	40	70	68
Fundamentals of DBMS	NA	2021 - 22	1	40	135	132
Python Programming	NA	2021 - 22	1	40	69	69
Gender Equality	CBIT/21EGV07	2021 - 22	1	40	250	250
Machine Learning using Python	NA	2021 - 22	1	40	16	15
Writing Research Papers	CBIT/21EGV08	2021-22	1	40	15	15
Ethics and Society	CBIT/21EGV09	2021-22	1	40	252	252
Communication Skills Lab	CBIT/21EGV02	2021-22	1	40	240	240
Engineering Geology	CBIT/21CEV001	2021-22	1	40	62	62
Communicative English	CBIT/21EGV01	2021-22	1	40	120	120
Basic Data Structures	NA	2021-22	1	40	132	132
Basic Data Structures Lab	NA	2021-22	1	40	132	132
Basics of Cyber Security (BCS)	NA	2021-22	1	40	124	124
Technical Presentation	CBIT/21EGV04	2021-22	1	40	67	67
Introduction to Python	CBIT/21EEV001	2021-22	1	30	2	2
Introduction to Personality Development	CBIT/21EEV006	2021-22	1	30	1	1
Introduction to Hybrid Electric Vehicle Technology	CBIT/21EEV007	2021-22	1	30	1	1
Overview of Solar Water Heater	CBIT/21EEV008	2021-22	1	30	1	1
Principles of Python	CBIT/21EEV009	2021-22	1	30	1	1
Work System Design	NA	2021-22	1	30	1	1
Solar Energy Engineering And Technology	NA	2021-22	1	30	2	2
Mathematical Modelling Of Manufacturing Process	NA	2021-22	1	30	2	2
Manufacturing Strategy	NA	2021-22	1	30	1	1
Dealing With Materials Data _ Collection, Analysis And Interpretation	NA	2021-22	1	30	1	1
Energy Conservation And Waste Heat Recovery	NA	2021-22	1	30	2	2
Computer Architecture And Organization	NA	2021-22	1	30	1	1
System Design For Sustainability	NA	2021-22	1	30	1	1
Software Testing	NA	2021-22	1	30	1	1

Understanding Design	NA	2021-22	1	30	1	1
The Joy Of Computing Using Python	NA	2021-22	1	30	14	14
Introduction To Database Systems	NA	2021-22	1	30	1	1
An Introduction To Programming Through C++	NA	2021-22	1	30	2	2
Design Thinking - A Primer	NA	2021-22	1	30	1	1
Programming for Everybody (Getting started with Python)	NA	2021-22	1	30	2	2
Ansys-Internshala	NA	2021-22	1	30	1	1
Advanced Solidworks-Internshala	NA	2021-22	1	30	1	1
Biomechanics of Joints and Orthopaedic Implants	NA	2021-22	1	30	1	1
Design Technology and Innovation	NA	2021-22	1	30	1	1
Innovation Business models & Entrepreneurship	NA	2021-22	1	30	1	1
Introduction and Prgramming with IoT Boards	NA	2021-22	1	30	1	1
Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	NA	2021-22	1	30	1	1
Introduction to Operating Systems	NA	2021-22	1	30	1	1
Mechanics and Control of Robotic Manipulators	NA	2021-22	1	30	2	2
Programming with Python	NA	2021-22	1	30	2	2
Programming, Data Structures and Algorithms Using Python	NA	2021-22	1	30	3	3
C++ Basics: Selection and Iteration	NA	2021-22	1	30	1	1
Toyota Production System	NA	2021-22	1	30	1	1
Professional Etiquette	CBIT/21EGV03	2021-22	1	30	3	3
Application Development using Microservices and Serverless	CBIT/20CSV001	2021-22	1	30	1	1
Apply Generative Adversarial Networks (GANs)	CBIT/20CSV002	2021-22	1	30	1	1
Artificial Intelligence Ethics in Action	CBIT/20CSV003	2021-22	1	30	1	1
Competitive Programming for Beginners (Moscow Institute of physics and technology)	CBIT/20CSV004	2021-22	1	30	2	1
Design Patterns	CBIT/20CSV005	2021-22	1	30	1	1
Ethics of Artificial Intelligence	CBIT/20CSV006	2021-22	1	30	2	2
Full Stack Cloud Development Capstone Project	CBIT/20CSV007	2021-22	1	30	1	1

Game Design and Development 1: 2D Shooter (Michigan State University)	CBIT/20CSV008	2021-22	1	30	2	2
In order of preference: Algorithmic Puzzles, Algorithms Implemented, DataStructures and Competitive Programming	CBIT/20CSV010	2021-22	1	30	2	2
Introduction to Data Engineering (IBM)	CBIT/20CSV011	2021-22	1	30	2	2
Introduction to Industry 4.0 and Industrial Internet of Things	CBIT/20CSV012	2021-22	1	30	1	1
Introduction to Machine Learning	CBIT/20CSV013	2021-22	1	30	1	1
Introduction to Quantum Computing: Quantum Algorithms and Qiskit	CBIT/20CSV014	2021-22	1	30	1	1
Social Networks	CBIT/20CSV015	2021-22	1	30	1	1
Social Psychology	CBIT/20CSV240	2021-22	1	30	1	1



Date : 23.05.2022

A Brief report on the **One Week Online STTP on “Cyber Security”**, organized in virtual mode from 16.05.2022 to 20.05.2022 by Department of Computer Science and Engineering and Department of Information Technology.

The Department of Computer Science and Engineering and Department of Information Technology jointly organized One Week Online STTP on “Cyber Security” from 16.05.2022 to 20.05.2022 in virtual mode. The session was scheduled from 7:15PM to 9:15PM. The resource person for the STTP is Mr. Sai Satish, Young Entrepreneur, Founder & CEO of Indian Servers. Advisor for the STTP is Prof. N.Rama Devi and faculty coordinators are Mr. B.Satish, Ms. Kavita Agrawal and Mr. M Venkata Krishna Reddy, Assistant Professors from Department of Computer Science and Engineering and Mr. S.Rakesh, Asst. Professor from Department of Information Technology. This program is open to all students, faculty of all branches, research scholars. We have received 523 registrations from different states of India like Tamil Nadu, Andhra Pradesh and Telangana etc. The no. of participants who attended is 379. Inaugural of the STTP was hosted by Ms. Kavita Agrawal, faculty coordinator. Prof. Y.Rama Devi, Professor and Head of the Department of Computer Science and Engineering addressed the participants about CBIT, Department of Computer Science and Engineering and about STTP. A brief introduction was given about Resource Person Sri Sai Satish by Ms.Kavita Agarwal. The technical support was provided by Mr. Koti Babu and Mr. P.Ramesh Babu, programmers of Dept. of Computer Science and Engineering for the STTP in streaming and certificate generation. A Quiz was conducted at the end of the STTP on Day 5 to evaluate the participants knowledge gained from five days of STTP.

The speaker started the session by introducing the concepts to be discussed day wise. He briefed the importance of cyber security in today scenario and also the job opportunities in the area of cyber security. Detailed Day wise report is enclosed.

Objectives of the Workshop:

- Discuss in detail about the concepts of cyber security.
- Demonstration of usage of various tools and techniques in launching attacks.
- Encourage participants to take up research and projects in the area of Cyber Security.
- To provide insight into the process of cyber forensics.

The online links for Registration, Feedback, Webex and session video recording links are as follows:

Registration Link: <https://forms.gle/aGzgDZqvQAnBSeN3A>

Feedback cum Attendance Link:

Day 1 : <https://forms.gle/WtnvzXnZR6S4cJ4SA>

Day 2 : <https://forms.gle/fCq2tyGb9yvQW2gQA>

Day 3: <https://forms.gle/gU98czxrD3o6MNNH9>

Day 4: <https://forms.gle/6Kqg7NSKuXHKmvpP8>

Day 5: <https://forms.gle/XE2ZQ2ckMgoYa4Q78>

Quiz Link : <https://forms.gle/vENbUXDkCgpHodkC7>

Webex Link:

<https://cbithyd.webex.com/cbithyd/j.php?MTID=m89fd32d21ce4e5342b07a15ea5408d94>

Session Video Recording Link:

Day 1 : 16/05/2022 :

<https://drive.google.com/file/d/1xQoUoegEdyUz465GddgSE6X3FRKdJnb3/view?usp=sharing>

Day 2 : 17/05/2022 :

<https://drive.google.com/file/d/1AJXQEGnXKcXe4ET48B8PmDEq6X-oSFW2/view?usp=sharing>

Day 3: 18/05/2022 :

<https://drive.google.com/file/d/1vl8971XkPoO0LnNI7p0IGxkwGKPtdNVX/view?usp=sharing>

Day 4: 19/05/2022 :

<https://drive.google.com/file/d/1gd6EQ2s1eHU9kymOgROjBEeHUeM6qun4/view?usp=sharing>

Day 5: 20/05/2022 :

<https://drive.google.com/file/d/1eHhQ-EtiTvZaB1j6lFMqBakHky5BiIP9/view?usp=sharing>

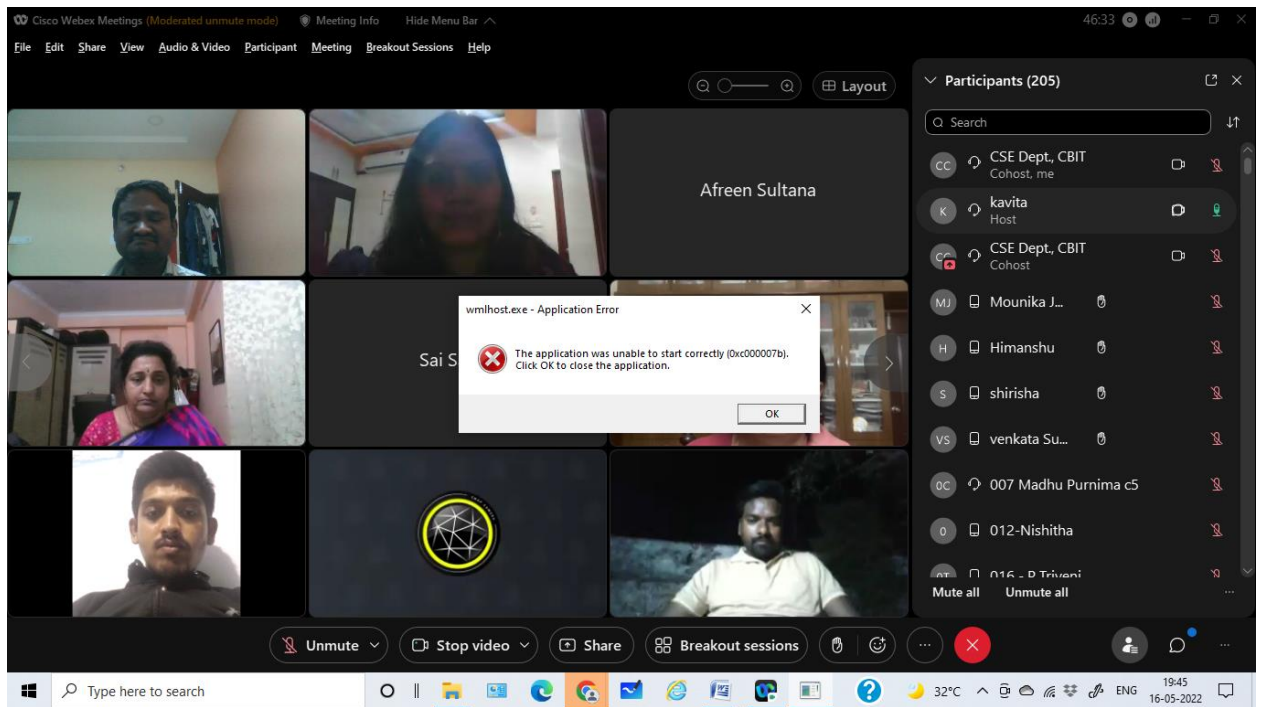
Day 1 – 16.05.2022

Topics : Web Pen Testing , OWASP Top 10

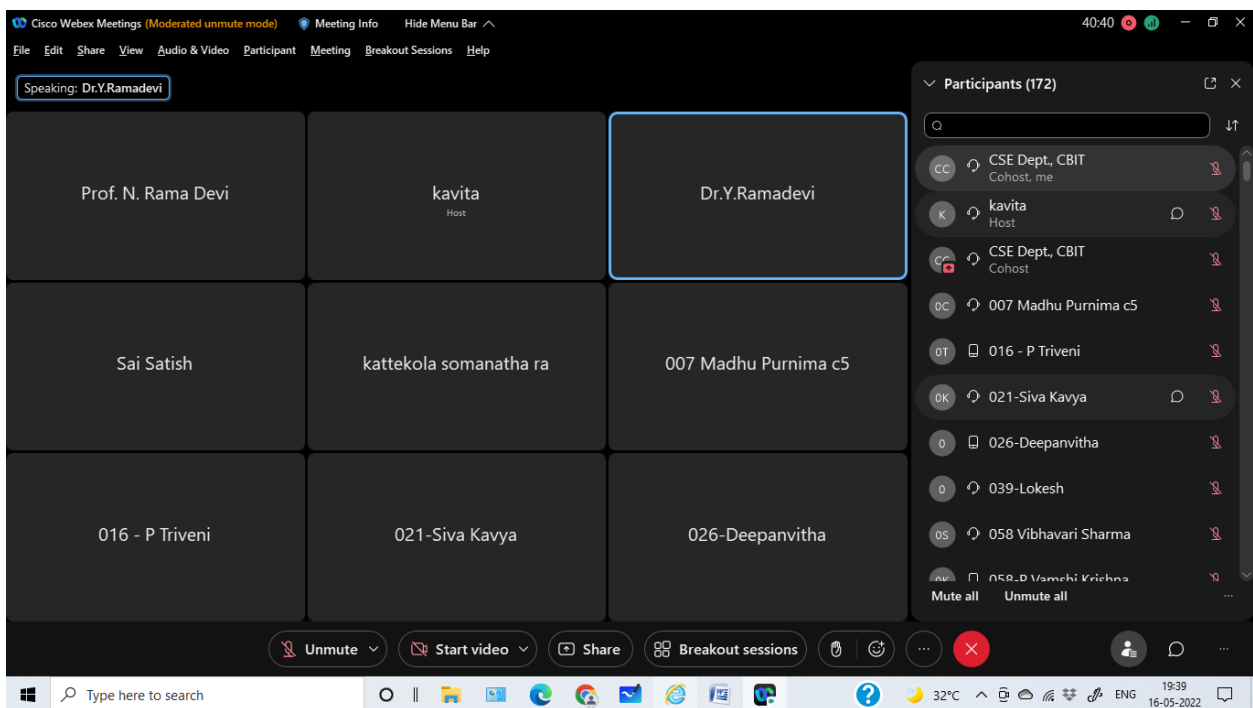
Speaker explained OWASP applications in detail. OWASP top ten principles include :

- **A01:2021-Broken Access Control** moves up from the fifth position; 94% of applications were tested for some form of broken access control.
- **A02:2021-Cryptographic Failures** shifts up one position to #2, previously known as Sensitive Data Exposure, which was broad symptom rather than a root cause.
- **A03:2021-Injection** slides down to the third position. 94% of the applications were tested for some form of injection, and the 33 CWEs mapped into this category have the second most occurrences in applications. Cross-site Scripting is now part of this category in this edition.
- **A04:2021-Insecure Design** is a new category for 2021, with a focus on risks related to design flaws. If we genuinely want to “move left” as an industry, it calls for more use of threat modeling, secure design patterns and principles, and reference architectures.
- **A05:2021-Security Misconfiguration** moves up from #6 in the previous edition; 90% of applications were tested for some form of misconfiguration.
- **A06:2021-Vulnerable and Outdated Components** was previously titled Using Components with Known Vulnerabilities and is #2 in the Top 10 community survey, but also had enough data to make the Top 10 via data analysis.
- **A07:2021-Identification and Authentication Failures** was previously Broken Authentication and is sliding down from the second position, and now includes CWEs that are more related to identification failures.
- **A08:2021-Software and Data Integrity Failures** is a new category for 2021, focusing on making assumptions related to software updates, critical data, and CI/CD pipelines without verifying integrity.
- **A09:2021-Security Logging and Monitoring Failures** was previously Insufficient Logging & Monitoring and is added from the industry survey (#3), moving up from #10 previously.
- **A10:2021-Server-Side Request Forgery** is added from the Top 10 community survey (#1). The data shows a relatively low incidence rate with above average testing coverage, along with above-average ratings for Exploit and Impact potential.

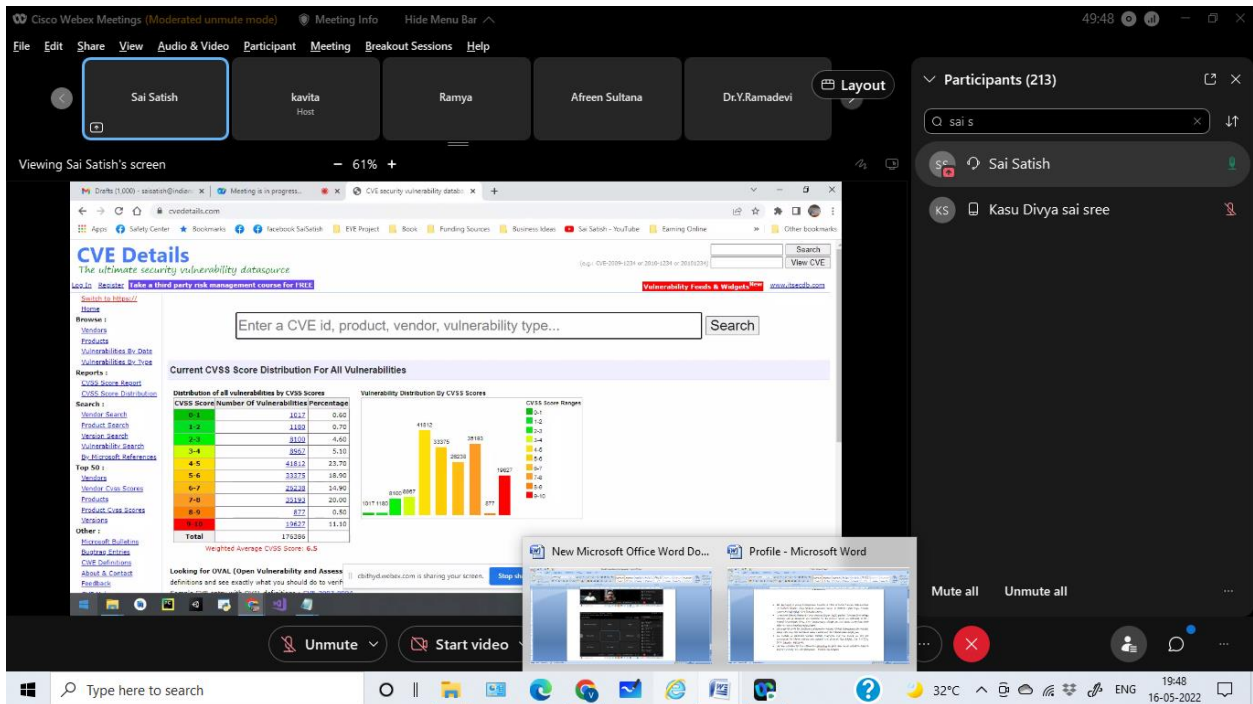
Pentest – tools.com is shown during the session to scan the sub domains of the website. Cloudflare, Mxtools.com were also explored. Speaker explained about scanning process and tools used for scanning. Network Scanning is the procedure of identifying active hosts, ports and the services used by the target application. Scanning tools :Nmap, Zenmap are demonstrated with live examples. Vulnerability scanning is the process of identifying security weaknesses and flaws in systems and software running on them. This is an integral component of a vulnerability management program, which has one overarching goal – to protect the organization from breaches and the exposure of sensitive data.



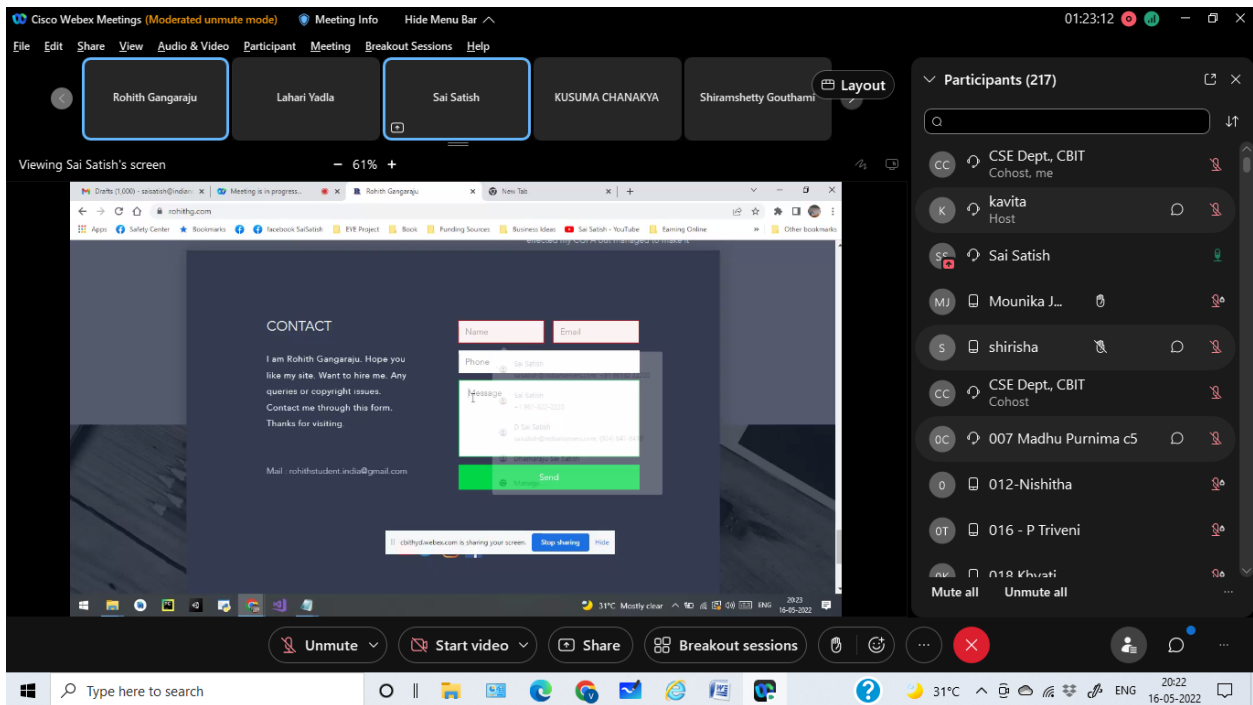
Ms. Kavita Agarwal, Assistant Professor, Dept. of CSE and Faculty Coordinator hosting the event



Dr. Y. Rama Devi, Professor & Head, Dept. of CSE, addressing the participants



Day 1 : Sri Sai Satish, Speaker of the Session, demonstrating the concept of OWASP Top 10



Webex Live Screen Shot

Day 2 – 17.05.2022

Speaker discussed the few attacks possible on network-DOS(Denial of service) attack, Spoofing and Sniffing.

List of Attacking Tools

- Tools used for launching DOS attack-Low orbit Ion Cannon and High Orbit Ion Cannon. Here in the background lot of packets will be directed to particular network.
- Tools for Sniffing-DNS Sniffer-capture all DNS packets. We can find what all website the target is watching.
- Tools through which we can disconnect anyone in the network if we are there in their LAN-NetCut
- Wifiphisher- create fake rouge access point. All the real client will be disconnected from real router and connected to fake router.
- Wireshark tool: Number 1 network Security Tool.It is used to capture the packet.
- If we are chatting using web page which has http everything will be in plain text.If https is used data transferred will be encrypted form
- Ettercap can be used in LINUX OS to perform DNS Spoofing as well as man in the middle attack
- GFI LAN Guard tool-used to find Vulnerability of LAN.

Tips to protect from Attacks

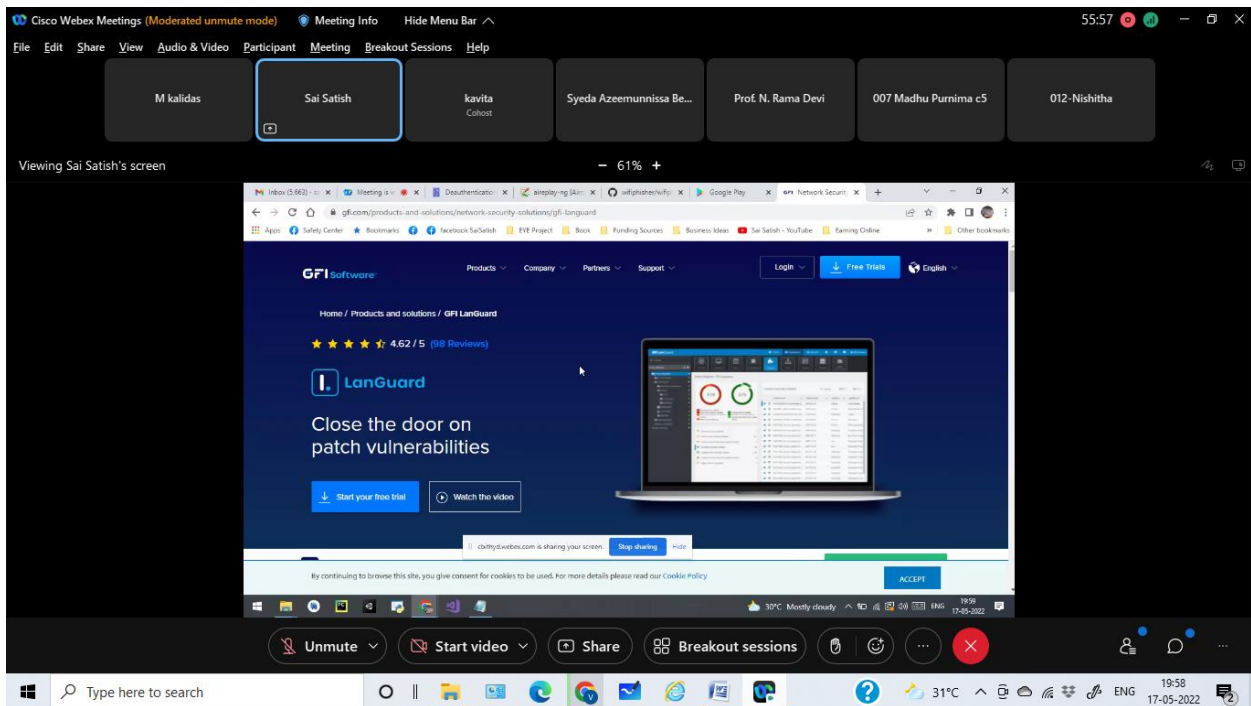
- Firewall is a used to protect against many types of attacks. They are categorized into Hardware and software firewall.
- Difference between Antivirus and Firewall. Antivirus will be inside your system. It will check file related and process related activities. Firewall will check network related activity. These days some antivirus will come with total security means it is a combination of firewall and antivirus.
- In firewall, demonstrated how to create the inbound and outbound rules. For LINUX OS ,IP tables can be configured.
- Intrusion Detection system and Intrusion Prevention System
- SNORT-Open-source tool for IDS and IPS. It will have some rules based on with packets will be accepted or rejected.
- Solar Winds-Top most tool to check network activity. Any suspicious activity can be stopped. Accenture is using it.
- SOC SIEM(Security operation control)-kind of job. They will monitor your network activities in the companies.
- SIEM Tool Nusphere.
- Splunk tool to monitor the network activity-They are used to protect the network.
- Sectools.org-website which will tell us about attacking tools and tools used to protect ourself.
- Demonstrated about Email Spoofing. Spoofing means acting like someone else. IP Spoofing means masking IP address and sending the data.

Some important theoretical terms related to cyber security were discussed

CIA-Confidentiality, Integrity and Availability. Confidentiality can be achieved with encryption. Integrity achieved using Hashes. Availability means when we require some resource it should be available.

A A A (Authentication, Authorization and Accountability)

Non-Repudiation -Digital signature is Cryptographic file which contains Hash key. For Non-Repudiation we can use Digital Signature



Day 2 : Demonstrating the concept of Vulnerabilities Assessment

Day 3 – 18.05.2022

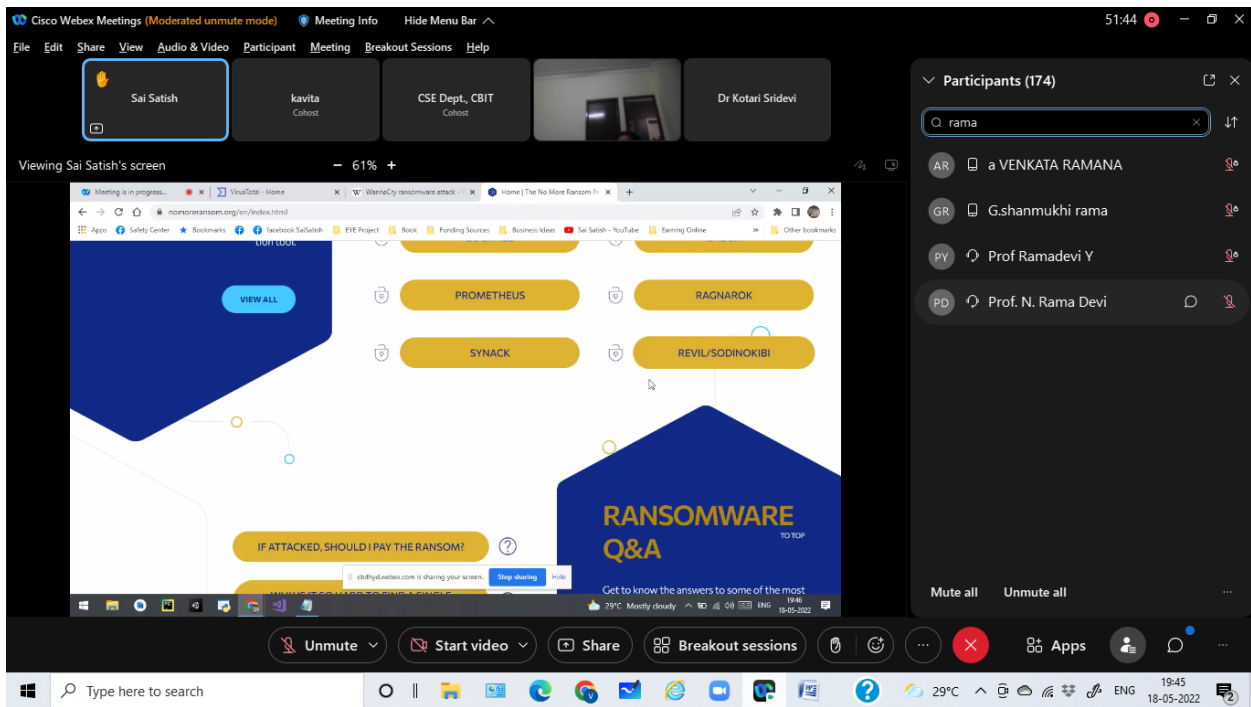
List of malwares virus, worms, trojan, keylogger, adware and ransomware were discussed. Creating and releasing the malware is a crime. Speaker discussed about WannaCry ransomware attack. Everyday 1000 new ransomware are coming. It uses AES or RSA. It takes 10 lakh years for our processors to decrypt the data. nomoreransome.org some descriptors are available. We can create settings in windows defender-virus and threat protection-scroll down-ransomware protection-click on it in our computer to protect our system from Ransomware. VirusTotal.com used for malware analysis.

Tips to protect from malware are Use licensed and original software, don't use third party executable files. Difference between virus and worms. Virus requires human intervention which is not the case with worm. If one person in the network downloads malicious stuff all the vulnerable systems in the LAN. It will get infected with worms. Most ransomware spread with worms. Cognizant face ransomware attack-Maze.

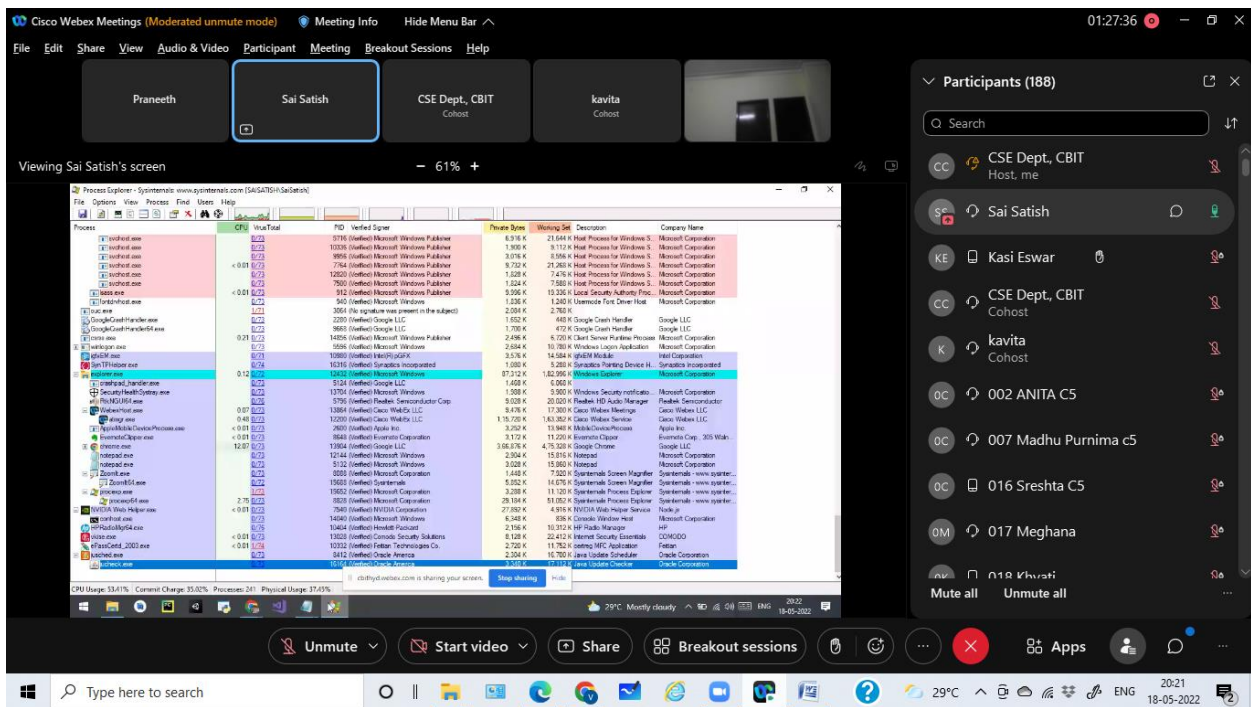
Demonstration on Malware Analysis tools.

- Process Explorer: shows all running process of the system. 80% virus can be removed using it
- Process Monitor-very helpful in monitoring the activity of virus
- Tcpview-helps in detecting Trojan. It exposes listening and connected ports.
- Autoruns-helpful in malware analysis
- Sandbox-virtual environment created by Operating System. We should run virus here to monitor their activity.
- Virus will not harm if it is hard disk. It will only harm if it is in executable form.
- Antivirus are classified into two categories which are signature based and heuristic-based mechanism.
- List of best ant viruses can be found on antivirus.comparatives.org.

Finally demonstrated Process Explorer used for Malware Analysis. We can remove virus without using Antivirus using Process Explorer.



Concept on Ransomware



Live Demonstration on Malware Analysis

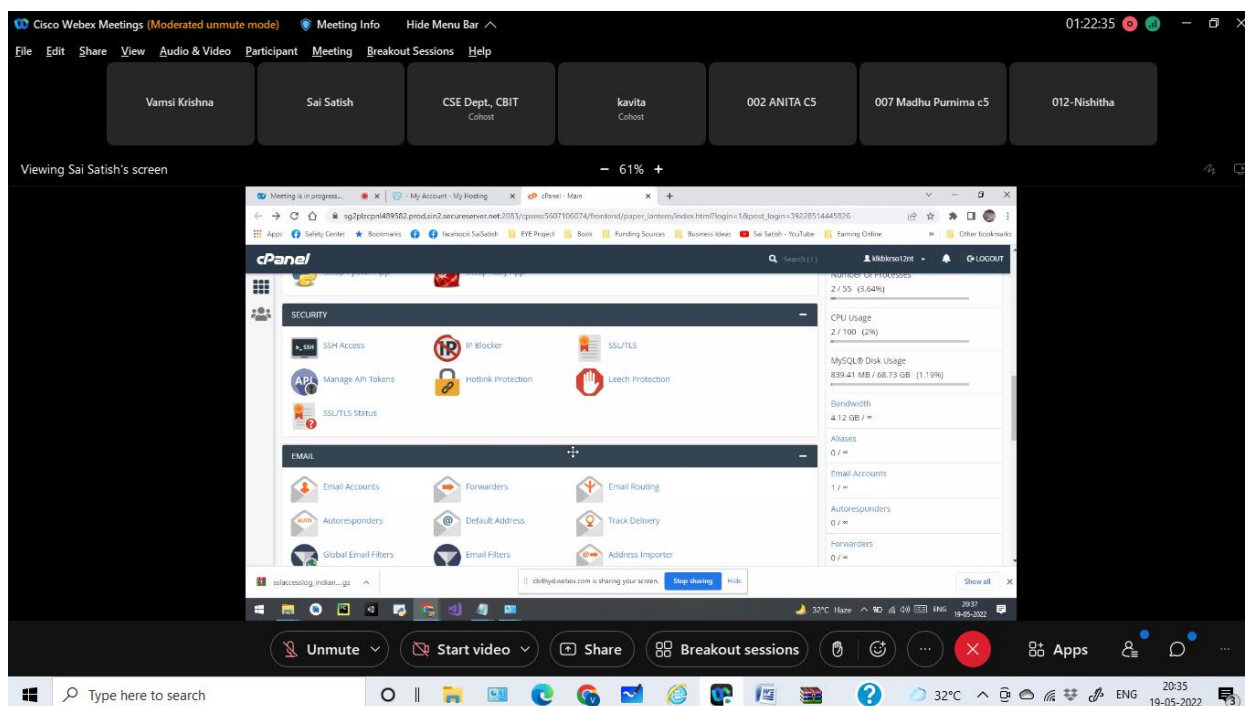
Day 4 – 19.05.2022

Topics : Types of Forensics web forensics, windows forensics, Linux forensics, network forensics and DB forensics were discussed.

The speaker discussed in detail about web forensics and windows forensics. He also discussed about write blockers, the differences between copying and cloning.

Later he explained about recuva tool. Recuva is an undeletion program for Windows, developed by Piriform. It is able to undelete files that have been marked as deleted; the operating system marks the areas of the disk in which they were stored as free space.

He discussed digital forensics with the help of resource autopsy.com, Autopsy® is the premier end-to-end open-source digital forensics platform. Built by Basis Technology with the core features you expect in commercial forensic tools, Autopsy is a fast, thorough, and efficient hard drive investigation solution that evolves with your needs. Discussed about password manager and its importance in forensics. Registry, Events, Log analysis, Process, Ports, Services and prefetch concepts were discussed.



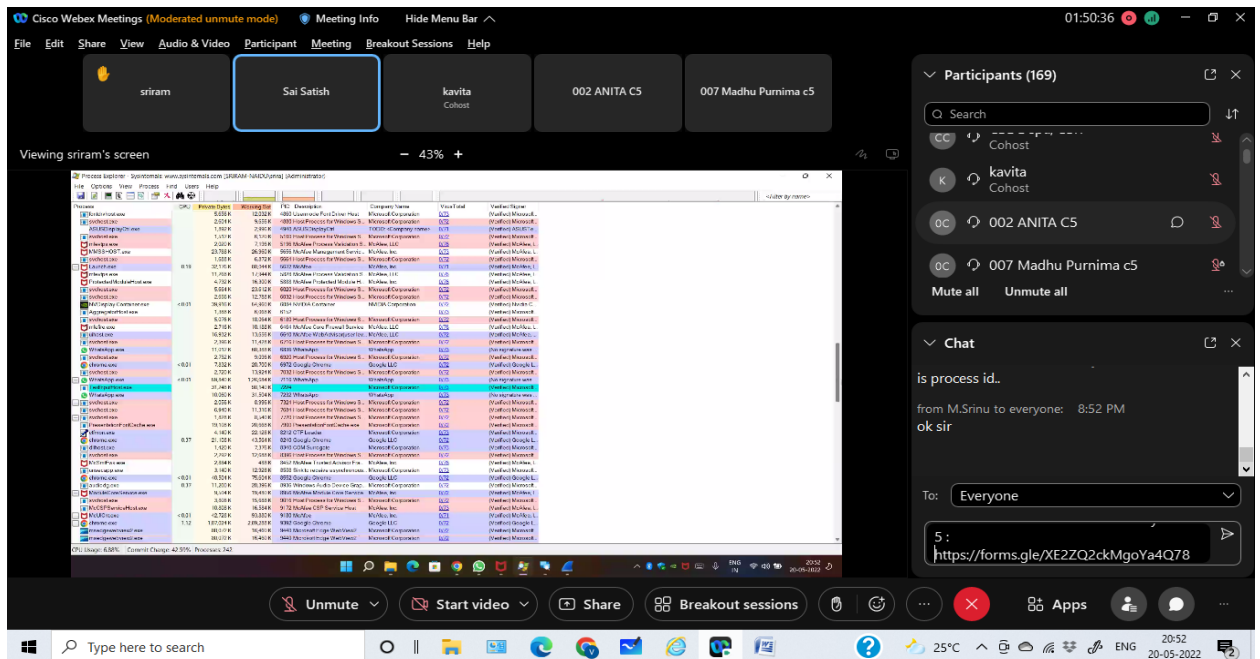
Demonstrating the concept of Forensics

Day 5 – 20.05.2022

In Day 5 session, the speaker discussed the concepts buffer overflow, exploit, payload and patching. He explained the importance of tools like wireshark, Metasploit, nessus, aircrack, cain and abel, and netcat tools with the reference sectools.org

He has given live demonstration on cain and abel tool, which is Windows-only password recovery tool handles an enormous variety of tasks. It can recover passwords by sniffing the network, cracking encrypted passwords using dictionary, brute-force and cryptanalysis attacks, recording VoIP conversations, decoding scrambled passwords, revealing password boxes, uncovering cached passwords and analyzing routing protocols.

He has given live demonstration of wireshark tool, Wireshark (known as Ethereal until a trademark dispute in Summer 2006) is a fantastic open-source multi-platform network protocol analyzer. It allows you to examine data from a live network or from a capture file on disk. You can interactively browse the capture data, delving down into just the level of packet detail you need. Wireshark has several powerful features, including a rich display filter language and the ability to view the reconstructed stream of a TCP session. It also supports hundreds of protocols and media types.



Demonstrating the concept of ‘ Wireshark ‘ tool

Enclosed:

- STTP Brochure

- Day Wise Schedule
- Registration Form
- Feedback Cum Attendance Form
- Quiz Template
- Profile of Resource Person
- Appreciation Letter given to Resource Person
- Certificate Template
- List of Participants
- Approval Letter

Mr. M.Venkata Krishna Reddy
Faculty Coordinator,
Dept. of CSE

Ms. Kavita Agarwal
Faculty Coordinator,
Dept. of CSE

Mr. B.Satish
Faculty Coordinator,
Dept. of CSE

Mr. S.Rakesh
Faculty Coordinator,
Dept. of IT

Prof. N.Rama Devi
Professor and Advisor of STTP

Prof. K.Radhika
Head, Dept. of IT

Prof. Y.Rama Devi
Head, Dept. of CSE

Chaitanya Bharathi Institute of Technology(A)
Gandipet, Hyderabad - 500075
2021-2022
Department of Computer Science and Engineering
Department of Information Technology

Following are the details of the participants who registered and attended the One week online STTP on “Cyber Security ” organized from 16.05.2022 to 20.05.2022

STTP-CYBER SECURITY – PARTICIPANT DETAILS			
S.No	Name	Department	Organisation
1	Madishetty Saiteja	Computer Science	GITAM UNIVERSITY , VIZAG
2	SRINITYA TALATAM	CSE	TECHNOLOGY
3	P.Krishna Prasad	MCA	Chaitanya Bharathi Institute of Technology (A)
4	Anireddy Srilakshmi	Information Technology	Chaitanya Bharathi Institute of Technology (A)
5	SUMMAIYA PARVEEN SANIA	INFORMATION TECHNOLOGY	TECHNOLOGY
6	Virat Karthikeya Koramati	Computer Science and Engineering	Chaitanya Bharathi Institute of Technology
7	SHAIK KHALEELULLA	CSE	GITAM
8	Bonala Koushik	Information technology	CBIT
9	P.Vaishnavi	IT	Cbit
10	KONDA VENKATA GANESH	Information Technology	Hyderabad
11	Karan Singh	Computer science	
12	Sk. Badarsha	CSE	Mic college of Technology
13	Volla .Deepika	Cse data science	tagarapuvalasa
14	Aarush mathur	Computer science and engineering	Swami vivekananda institute of technology
15	Dr.Mohammed Abdul Bari	CSE	ISL ENGINEERING COLLEGE
16	ABHIRAM NALLA	CSE- DATA SCIENCE	TECHNOLOGY
17	Erugadindla Abhishek	Information Technology	
18	ABIRAMI B	Information technology	Arunai engineering college
19	chandrapu Vijaya kumar	CSE	ACE Engineering College
20	Adesh Yearanty	CSE	CBIT Hyderabad
21	ADNAN HASEEB	CSE	SRM UNIVERSITY
22	Mohd Ameenuddin Ahmed	CSE	CBIT
23	Afrah Minhaj	Cse	Cbit
24	Afreen Sultana	CSE	Technology

25	N.AISHWARYA	CSE	
26	Yalamarthy.Akshaya	CSE(IOT,Cybersecurity &Blick chain technology)	
27	Gaddam Alekhya	Information technology	Chaitanya Bharathi institute of technology
28	ALLADI SAI MANOJ	CSE(IoT and CS)	CBIT
29	Alugubally Vidya sree	Bsc	
30	M Amarnath	Mathematics	
31	Syeda Ambareen Rana	CSE	technology
32	Amith Reddy	Computer science engineering	Chaitanya bharathi institute of technology
33	Khanish Ram	CSE	
34	A.Mohan	CSE	CBIT, HYD
35	M.Amulya	CSE	R.V.R &J.C COLLEGE OF ENGINEERING
36	Anam Fathima	CSE(IOT & CS INCLUDING BCT)	Chaitanya Bharathi Institute of Technology
37	Hemalatha Anati	CSE	R. V. R & J. C COLLEGE OF ENGINEERING
38	Vanama Anitha	CS&AI	Muffakham Jah College Of Engineering &Technology
39	Anjila Gurala	IT	
40	N Anjali	CSE	Chaitanya Bharati institute of technology
41	Dr A Sreenivasa Rao	INFORMATION TECHNOLOGY	Technology
42	Chennuru Anita	CSE	TECHNOLOGY
43	Duggireddy Anuhya	Computer Science and Engineering	R.V.R & J.C.College of Engineering
44	Amit Ranjan Bhardwaj	ECE	NIT, WARANGAL
45	Burgu Arjun Reddy	CSE	CBIT
46	A Sangeetha	CSE	Hyderabad
47	Dr.Attili Venkata Ramana	Electronics and Computer Engineering	Sreenidhi Institute of Science and Technology
48	Ayesha Mariyam	Computer Science and Artificial Intelligence	Technology
49	Sangeetha Bairi	CSE	Mahatma Gandhi Institute of Technology
50	P N Siddharth Balaji	Computer Science and Engineering	Chaitanya Bharathi Institute of Technology
51	Ballajaisheel	Cse-datascience	
52	Barathvaj S	CSE	Kings Engineering college
53	Sainath Battu	Computer science and engineering	Chaitanya Bharathi Institute of technology
54	DEEPTHI BEGARI	CSE	CBIT
55	Deepthi Begari	CSE	Chaitanya Bharathi Institute of Technology
56	K Bhagya Lakshmi	School of Management Studies	Chaitanya Bharathi institute of technology
57	Kalluri Bhargavi	Computer science and engineering	R.V.R. & J.C. College Of Engineering
58	Bhargavi Pendyala	Computer Science	Swami Vivekananda Institute of Technology

59	B.HARISH GOUD	Information technology	CBIT
60	B. JAYARAMA CHANDRA	EEE	Chaitanya Bharathi institute of technology
61	K.Bhuvana sai sri	CSE data science	Avanthi college of engineering
62	Bhuvaneshwar reddy	IT	
63	Dr.B.Indira	MCA	Hyderabad
64	Karthik bingi	Cse	CBIT
65	Keerthana Bathini	Ece	National Institute of technology, warangal
66	Bharat	Mathematics	NIT WARANGAL
67	MEENAKSHI BHRUGUBANDA	Information Technology	Mahatma Gandhi Institute of Technology
68	Neeraja Bandi	ECE	CBIT, HYD
69	Bonala Koushik	Information Technology	Chaitanya Bharathi Institute of Technology
70	Botcha pradeep kumar	CSE-data science	Avanthi institute of technology
71	Ravilla China Brahmam	ECE	
72	B Ramana Reddy	CSE	CBIT, HYD
73	Sangeetha Bairi	CSE	MGIT, HYD
74	Banala. Sangeev Kumar	Computer Science and Engineering	Chaitanya Bharathi Institute of Technology(A)
75	B SATEESH	Cse	CBIT, HYD
76	B Srinivasa S P Kumar	MCA	Hyderabad
77	BUGGA SHIVANI	Information technology	
78	Vybhavi Bukka	CSE(IoT, BCT,CS)	
79	Mohd Ameenuddin Ahmed	CSE	CBIT, HYD
80	Kovith	CSE	CBIT
81	Kusuma Chanakya	CIC	CBIT
82	Chandana	Cse	
83	CHANDANA SAMINENI	Computer Science and Engineering	TECHNOLOGY
84	Charan Teja sabbani	CSE	Chaitanya Bharati Institute of technology
85	Rushikesh chowan	EEE	CBIT, HYD
86	Cheruku Shiva Naga Pooja	CSE	Mahatma Gandhi Institute Of Technology
87	Chinnakka Sudha	Information Technology	Mahatma Gandhi Institute of Technology
88	Naveen Kurella	ECE	
89	POTHINI NAGA HARSHITHA	Computer Science and Engineering	R.V.R & J.C College of Engineering
90	Rudransu Choudhury	Mathematics	NIT Warangal
91	Jayanth Chunchu	ECE	NIT, WARANGAL
92	Pallavi Narsipuram	Information Technology	Chaitanya Bharathi Institute of Technology

93	M CHANDRA RAO	CSE	TECHNOLOGY
94	Chavali Srivalli	Computer Science and Engineering	R.V.R.&J.C COLLEGE OF ENGINEERING
95	Dharani Dadamoni	Cse	CBIT
96	Dara Manoj Abhiram	Information Technology	
97	Ravi	Cse	Cbit
98	Nelavetla Deekshitha Reddy	Computer science and engineering	
99	Vajje Deepanvitha	Computer Science Engineering	CBIT, HYD
100	Deepika.R	Data science	Avanthi
101	Deepika Volla	Cse data science	
102	Deepthi Joshi	CSE	Methodist College of Engineering and Technology
103	Deepthi B	CSE	CBIT
104	Devara Rishik	CSE (iot&cs)	
105	Devika Rani	Electrical and Electronics Engineering	Chaitanya Bharathi institute of Technology
106	K.DHANALAXMI	CSE	
107	N. Dhana lakshmi	CSE-DS	Avanthi Institute of engineering and technology
108	Dhanya Pendyala	Computer Science of Engineering	Swami Vivekananda Institutes of technology
109	Dheeraj venu	CSE	Chaitanya Bharathi institute of technology
110	Kasu Divya sai sree	CSE	
111	D JAYARAM	Information Technology	Hyderabad
112	Dr D Lakshmi Sreenivasa Reddy	IT	CBIT
113	DOPPALAPUDI SRI LAKSHMI	Computer science and Engineering	R.V.R&J.C College of Engineering
114	Siva Rama krishna Doppalapudi	Information technology	Rvr&JC college of engineering
115	Dr. MD RIYAZUDDIN	Information Technology	ANURAG UNIVERSITY, Hyderabad.
116	Uma N Dulhare	CS & AI	Muffakham Jah College of Engineering & Technology
117	Swaroop	CSE	
118	Ettikyala Kalpana	CSE	CBIT, HYD
119	Elena Blossom	B.sc FsCCs	Raja Bahadur Venkata Rama Reddy
120	B Elvira Jasmine	Department of Botany and Food & Nutrition	RBVRR Women's College
121	Enugula Rajendar	CSE(IoT and CS)	CBIT HYDERABAD
122	Enugula Rajendar	Computer science engineering	Chaitanya Bharathi institute of technology
123	Dr.E.Padmalatha	CSE	CBIT
124	Swathi Edem	CSE	Hyderabad
125	SHAIK FATHIMA	COMPUTER SCIENCE AND ENGINEERING	R.V.R & J.C COLLEGE OF ENGINEERING
126	S Fouzia Sayeedunnisa	IT	Technology

127	Fahmina Taranum	Csed	Muffakham Jah college of Engg and Tech
128	Mohd Faizan Moosa	Computer Science and Engineering	Jaya Prakash Narayan College of Engineering
129	Gayathri A	Cse	Osmania University
130	C. Girish Kumar	Information Technology	Swami Vivekananda Institute Of Technology
131	Kavita Goura	Computer Science and Engineering	CBIT, HYD
132	G Kiran Kumar	CSE	Hyderabad
133	Krishna Prasanna G	Information technology	
134	G.MAMATHA	CSE	CBIT, HYD
135	G Manaswini Devi	Cse	
136	Mounika Bhargavi Giridi	Information technology (IT)	
137	Nikhil	Ece	NIT, WARANGAL
138	Dr. G. N. R. PRASAD	mca	TECHNOLOGY
139	Jose Mary Golamari	Computer Science and Engineering	Warangal
140	K.Srinivas	CIC	CBIT
141	Partha sarathy .G	Csbs	PSNACET
142	Gouri R Patil	Information technology	Technology
143	Shiramshetty Gouthami	Computer Science and Engineering	Jayamukhi Institute of Technological Sciences,
144	K. Govardhan Reddy	Computer Science and Engineering	G Pulla Reddy Engineering College, Kurnool
145	C N V B R SRI GOWRINATH	MCA	Hyderabad
146	Guguloth Anand	CSE	CBIT
147	Dr Guda Vanitha	CSE	CBIT, HYD
148	Dr G Vanitha	Cse	CBIT(A)
149	Hafsa Zareen	Information Technology	
150	SAYYADA HAJERA BEGUM	Information Technology Department	Technology
151	Syeda Hajra Mahin	CSE	Technology
152	Hamsini Duttaluri	CSE	Chaitanya Bharathi Institute of Technology
153	harinithandoju@gmail.com	IT	Chaitanya Bharathi institute of technology
154	Harsha Allada	Csd	
155	Harsha Vardhan Koramati	Information Technology	CBIT, HYD
156	M. Sai Harsha	CSE	SVIT
157	Sri Harsha	CSE - Data Science	
158	Damalapati.Harshitha	Cse-ds	Avanthi institute of engineering technology
159	Narra Hema Teja	CSE	R.V.R &J.C College Of Engineering
160	Hemalatha. J	Information technology	Arunai engineering college

161	M.Rishikesh	Computer science	
162	Dr.Sudheer Hanumanthari	Department of Electronics and Communica	Faculty of science and Technology, IFHE, Hyderabad
163	Lakshmi Likhitha B	CSE	R.V.R & J.C College of Engineering
164	IMTIYAZ KHAN	Computer Science & Artificial Intelligence	Muffakham Jah College of Engineering & Technology
165	Siddhartha Dasari	Cse	Chaitanya bharati institute of technology
166	Jagannadha Rao D B	CSE=Data Science	MALLAREDDY UNIVERSITY
167	JALIGAPU SAI SURAJ	CSE-IOT-CS-BCT	Chaitanya Bharathi Institute of Technology
168	MADDELA VENKATA JEEVA	M.TECH CSE	CBIT, HYD
169	MOUNIKA JAMMULA	ECE	CBIT, HYD
170	J Shiva Sai	CSE	CBIT
171	Kandi Meghana	IT	Chaitanya bharathi Institute of technology
172	J.varshitha reddy	ECE	NIT WARANGAL
173	S.Jyothsna	COMPUTER SCIENCE	
174	Kabeeruddin	Computer science engineering	CBIT
175	Kalyan	Cse	
176	Kandala Suresh	CSE	R.V.R & J.C College of Engineering
177	Kandhuri Srihari	Information technology	CBIT, HYD
178	Aayush Karan Shrivastav	CSE	Swami Vivekananda institutions of Technology
179	Alugubelly karthik	BSC Digital Forensics	MALLAREDDY UNIVERSITY
180	Bathula Karthikender Reddy	CSE IOT	
181	K KARTHIK	CSE	Chaitanya Bharathi Institute of Technology
182	Kartikeya Davanapally	Information technology	Chaitanya barathi institute of technology
183	Tejashwini kashetty	Cse(IOT)	CBIT
184	GORRE JAYA KASI ANNAPURN	CSD	Avanthi institute of Engineering and Technology
185	Rakhesh K	Computer science and Engineering	Jayaprakash Narayan College of Engineering
186	Kasthuri Ramesh	Computer science and engineering	cache technology M/s NTPC
187	Kavita Agarwal	CSE	Chaitanya Bharathi Institute of Technology
188	Bommadevara Kavitha	Information Technology	Chaitanya Bharathi Institute of technology
189	M. Kavya	Csd	vizianagaram
190	Vasavi	Csd	Avanthi institute of engineering and technology
191	Kenneth Isaiah	Cybersecurity	Headstart Educational Academy
192	Kommu Gangadhara Rao	Information Technology	CBIT, HYD
193	K MADHAVI	It	Cbit
194	K Mary Sudha Rani	CSE	CBIT, HYD

195	KONDLEPU SAITEJA	Information Technology	Chaitanya Bharathi Institute of Technology
196	Mohith Reddy	CSE(IOT&CS)	CBIT
197	Koppu Eshwar	Information technology	CBIT
198	Sai Charan Koppula	CSE	CBIT
199	Kore Prudhvi Kumar	CSE	
200	Kotoju. rajitha	Cse	Mahatma Gandhi Institute Of Technology
201	Dr. Kadiyala Ramana	Information Technology	CBIT,
202	KRATIKA SHARMA	Information Technology	CBIT, HYD
203	chinni krishna	cse	CBIT, HYD
204	M Venkata Krishna Reddy	CSE	Chaitanya Bharathi Institute of Technology (A)
205	KOLLI KRISHNA RISHI	COMPUTER SCIENCE AND ENGINEERING	TECHNOLOGY
206	Siva Kavya Karyampudi	CSE	CBIT, HYD
207	SPANDANA KAYETHA	CSE	Chaitanya Bharathi Institute of Technology
208	Dr Keshetti sreekala	CSE	MGIT, HYD
209	Kommineni Srinivas	CIC	Chaitanya Bharathi Institute of Technology
210	SUGAMYA KATTA	Information Technology	CBIT, HYD
211	K.Swathi	Information Technology	CBIT, HYD
212	K.Vinay	ECE	NIT, WARANGAL
213	Lahari yadla	Csd	Avanthi college
214	Akshitha Jadav Lakavath	AI&DS	CBIT
215	Seerapu lavanya	CSE(data science)	
216	Devika Rani	EEE	
217	LaxmiPrasanna Barenkala	CSE	GNITS, HYD
218	Lokesh Chekuri	Computer Science and Engineering	Chaitanya Bharathi Institute of Technology
219	Akshith saai	ECE	NIT, WARANGAL
220	Aditya karthik maddula	IT	
221	D. Madhavi latha	Biotech	Gandipet, Hyderabad
222	Ch.Madhavi Sudha	CSE	CBIT, HYD
223	G Madhu Purnima	CSE	
224	Madishetty Saiteja	Computer Science	GITAM UNIVERSITY , VIZAG
225	JAVVAJI MAHESH REDDY	Computer science and engineering	Chaitanya Bharathi institute of technology
226	Ramachandrani Keyura Laya Mal	Information Technology	
227	Vamshi Vardhan	CSE(cybersecurity and IOT)	
228	Maleka Anjum	Computer science and engineering	Methodist college of engineering and technology

229	G. Mallikharjuna Rao	ECE	CBIT, HYD
230	Naga Mallik Atcha	Data science	MALLAREDDY UNIVERSITY
231	BOLLINEDI MANASA	CSE	R.V.R & J.C College of Engineering
232	SIRIKONDA MANASA	Information technology	CBIT, HYD
233	Manasa Ratnala	CSE (Data Science)	Avanthi Institute Of Engineering And Technology
234	Gadiraju Manaswini Devi	Department of Computer Science and Engi	Chaitanya Bharathi Institute of Technology
235	MANDALA SRIJA	Bsc BtCFs	
236	Manisha Jangra	CSE	Swami Vivekananda institute of Technology
237	Manisha karkam	Cse(iot-cs)	
238	Dr. Maniza Hijab	Computer Science and Engineering	Technology
239	manju.yarabati@gmail.com	Botany	R. B. V. R. R Women's College
240	Manjusha Kalekuri	CSE	Technology
241	MANJUSHA KALEKURI	CSE	TECHNOLOGY
242	MANOJ KUMAR VEMULA	IT	VNR Vignana Jyothi Institute of Engineering and
243	Mohammed Abdul Raheem	Computer science and Engineering	Technology
244	Marka Meghana	Information Technology	CBIT
245	Masarath Saba	CS&AI	Muffakham jah college of engineering and 7
246	A Mayaank	Cse	
247	M.C.V.VISWAS REDDY	CSE	CBIT
248	Mohammed Afzal	Computer Science and Engineering	Sphoorthy Engineering College, Hyderabad.
249	MD.Haseena begum	CSE_DS	Avanthi engineering college
250	Mohammad moinuddin	Cse	Muffakham jah college of engineering
251	MOHAMMED ZAID AHMED KHA	CSE	
252	T Sai Medhansh	CSE (iot and CS with bct)	CBIT
253	Karri Sri Meghana	CSE	CBIT
254	Meikannan M	CSBS	PSNACET
255	M Kalidas	MCA	CBIT
256	Manasa Maliki Reddy	Computer Science and Engineering	
257	Manasa Maliki Reddy	Computer Science and Engineering	Chaitanya Bharathi Institute of Technology
258	M Naga Jyothi	CSE	Chaitanya Bharathi Institute of Technology
259	M NALINI DEVI	EEE	Mahatma Gandhi Institute of Technology
260	Palla Mohammad Akhtar	CSE	
261	Mohammed Sanan Moinuddin	CSE	CBIT
262	Mohammed Touheed Patel	Information technology	Hyderabad

263	K. Mohan Srinivas	Computer Science and Engineering	RVR & JC College of Engineering
264	Kanarapu Mohan Srinivas	Computer Science and Engineering	RVR & JC College of Engineering
265	Dr. Kolla Morarjee	CSE	Chaitanya Bharathi Institute of Technology
266	Pranav Reddy Mekala	CSE	MGIT, HYD
267	M Ramchander	MCA	CBIT
268	Mayank Singh Bisht	Ece	Ecea
269	Dr M Trupthi	IT	CBIT
270	Shaik Mudassir Ali	Computer Science & Engineering	
271	MUTYALA NAVEEN KUMAR	CSE	R.V.R. & J.C. College of Engineering
272	Mutyala Naveen Kumar	Computer Science and Engineering	R.V.R. & J.C. College Of Engineering
273	Dr M Venu Gopalachari	Information Technology	Chaitanya Bharathi Institute of Technology
274	Nagarampalli Govind	CSE -Data science	
275	Naimoonisa begum	Computer science and engineering	technology
276	nalli chaitanya	EEE	GMR institute of technology
277	Nama Sri Charan	CSE	
278	N.Sricharan	CSE	Hyderabad
279	Namish V	CIC	
280	Sai Nandan Chaluvadi	CSE	R.V.R & J.C College of Engineering
281	ANAND KUMAR P	Cse	Jayamukhi Institute of Technological Sciences,
282	Naveen sunke	IT	
283	Dr. CH. Navitha	ECE	Chaitanya Bharathi Institute of Technology
284	Neela Laxmipriya	CSE	Chaitanya Bharathi Institute of Technology
285	Dr. Neha Nandal	CSE	Technology
286	R. Nihal kumar	CSE	CBIT
287	Nikhil Medavarapu	Information Technology	Chaitanya Bharathi Institute of Technology
288	Nikhil Rao	CSE (IOT cybersecurity bct)	CBIT
289	Nikhil M	Cse - Ds	Vidya Jyoti institute of technology
290	Ponnala Nikhil Reddy	computer science and engineering	CBIT, HYDERABAD
291	Nishanth ayyalasomayajula	EEE	CBIT
292	Nishanth Ayyalasomayajula	EEE	CBIT, HYD
293	N. Nishitha	Computer science and engineering	Chaitanya Bharathi Institute of technology
294	Nishitha. N	Cse	CBIT, HYD
295	Nithin kumar Lingathoti	Cse	R.V.R & J.C College of Engineering
296	SRINITYA TALATAM	CSE	TECHNOLOGY

297	Nivas Reddy Velmula	CSE	
298	Dr N Janardhan	MECHANICAL DEPARTMENT	CBIT, Gandipate, Hyderabad
299	Kola Sanjay	MCA	University College of science saifabad
300	N. Rama Devi	CSE	CBIT(A)
301	Osman	CSE with IOT, Cybersecurity with Blockchain	
302	PANUMATI SHRAVANI	Artificial Intelligence and Data Science	TECHNOLOGY
303	Dr. Pathan Ahmed Khan	Computer Science and Engineering	ISL Engineering College
304	P B VINAY KUMAR	CSE	CBIT, HYD
305	Peddi Sai Lohith	CSE	Chaitanya Bharathi institute of technology
306	Ameya S Pedgaonkar	IT	TECHNOLOGY
307	Pentam Venkatesh	CSE (iot)	CBIT
308	Piyush karan	Computer Science Engeneering	SVIT
309	P.krishna prasad	MCA	Hyderabad
310	B. Poonguzharselvi	CSE	CBIT
311	Dr. P. Prabhakar Reddy	Mechanical engg	Chaitanya Bharathi Institute of Technology
312	S.Navya Prakeerthi	CSE	CBIT Hyderabad
313	RAMESH PONNALA	MCA	Hyderabad
314	P Ramesh Babu	Computer Science and Engineering	Chaitanya Bharathi Institute of Technology(A)
315	D. Pranith Kumar	Computer science Engineering	
316	Bhanu Prasad Paitar	CSE	CBIT, HYD
317	PRASANT	CSE-DS	Avanthi institute of engineering college
318	TALLA PRASHANTHI	CSE	CBIT, HYD
319	C PREETHI	Computer science and business systems	PSNACET
320	V.priyanka	CSD	Avanthi Institute Of Engineering And Technology
321	Vasam Priyanka	Cse	
322	Uma N Dulhare	CS & AI	Muffakham Jah College of Engineering & Technology
323	Shyam Sunder Pabboju	CSE	Mahatma Gandhi Institute Of Technology
324	Puli Pavitra	Mechanical Engineering	CBIT,Hyderabad
325	Puneethsai Konjerla	Cse	Jyothishmathi institute of technology and science
326	K Radhika	IT	Vnrvjiet
327	MOHAMMED RAHMAT ALI	COMPUTER SCIENCE AND ENGINEERING	ISL ENGINEERING COLLEGE
328	Mohammaed Rahmat Ali	Computer science and engineering	ISL Engineering college
329	RAJESH KANNAN K	Information Technology	CBIT, HYD
330	K.Rajesh Sagar	CSE(iot,cs,bct)	CBIT, HYD

331	Rakesh	Cse	CBIT
332	RAKESH.KONNE	Cse	
333	G R Rama Devi	Computer science	TSWRDC(W), JAGTIAL
334	Rama Krishna Reddy	CSE (Internet of Things and Cyber Security)	CBIT
335	Ramireddy Nitya	Computer science engineering	CBIT
336	Ramya	CSE	CBIT
337	R Anand Raj	CSE	CBIT
338	R Tulasi	IT	
339	Rasuri Harshitha	Computer science and engineering	CBIT, HYD
340	R.Sai Priyadarshini	CSE	
341	T. Ratna Reddy	Mechanical Engineering Dept	CBIT
342	RAVI TENE	IT	VNRVJIET
343	Ravi Tene	IT	VNRVJIET
344	Dr.RaviUyyala	CSE	CBIT, HYD
345	Mohammad raziuddin	CSE	Osmania University, Hyderabad
346	Janjanam Revanth	Electronics and Communication Engineering	Chaitanya Bharathi Institute of Technology Hyderabad
347	S Revanth Reddy	CSE	CBIT
348	R. Sri Chaithanya Reddy	Information Technology	CBIT
349	RISHI	CSE	
350	RISHI	CSE	CBIT
351	Ashraful Islam Riad	ECE	National Institute of Technology, Warangal
352	Rohith ..	Civil	CBIT
353	Rohith Gangaraju	Computer Science	Vellore Institute Of Technology
354	Srikanth R	Computer Science and Engineering	Chaitanya Bharathi Institute of Technology
355	Rupesh Mishra	CSE	CBIT, HYD
356	Ruthvik basetti	Information technology	
357	SAHITHI KATOORI	Information and technology	
358	Sahithya shelly	CSE	Chaitanya Bharathi Institute of Technology
359	D sahitya lakshmi	Computer science engineering	Avanthi institute of engineering and technology
360	D Sai Kumar	Computer Science and Engineering	University College of Engineering,Osmania
361	S.sindhu	CSE	JPNCE
362	Sai Harshil Ganumpally	CSE(IOT)	Hyderabad
363	SAI JYOTESH MULUMUDI	Cse	Avanthi Institute Of Engineering And Technology
364	Sai Teja Krithik Putcha	IT	Hyderabad

365	Saikumar chintham	Cse data science	Avanathi institute of engineering and technology
366	kasula sailakshmi shreya	cse datascience	avanathi college
367	bachu sai mounik	Information Technology	Chaitanya bharathi institute of technology
368	G.Sai Pranathi	Computer Science And Engineering	R.V.R & J.C College of Engineering
369	Sairoopasree Shyamala	Forensic	college
370	Sai sathvik	It	
371	Saisumanth Mahadevuni	CSE	CBIT
372	Sai suraj. G	Information technology	
373	Sai Teja Varma Rameti	Computer Science and Engineering	CBIT, HYD
374	M.Saketh Reddy	CSE	CBIT
375	chidurala saketh	Information Technology	CBIT
376	S swathi	Cse 2 department	
377	sarath chandra	IT	CBIT, HYD
378	Kalluri Sri Sathvik Koundinya	CSE(IOT-CS)	Chaitanya Bharathi Institute of Technology
379	SATHVIKA PAPISHETTI	COMPUTER SCIENCE ENGINEERING	TECHNOLOGY
380	Sathwik Pothunoori	IT	CBIT
381	Janumpally Sathwik Reddy	Integrated msc chemistry	
382	Sai Sathvik Reddy Bontu	CSE	Chaitanya Bharathi Institute of Technology
383	Satyanarayana vvv	BSNL	
384	SAYYADA MUBEEN	CSE	Technology
385	Sayyada Mubeen	CSE	Technology
386	S. Durga Devi	Computer science and engineering	CBIT
387	SEELAM SANGI REDDY	Cse	Chaitanya Bharathi institute of technology
388	Dr Syed Shabbeer Ahmad	CSED	technology
389	Shaik Majida	CSE	RVR AND JC COLLEGE OF ENGINEERING
390	SHAIK NEHA SULTHANA	CSE	R.V.R. & J.C. COLLEGE OF ENGINEERING
391	Shaik Rasool	CSE	Methodist College of Engineering and Technology
392	SHAIK RUKSANA	ELECTRONICS AND COMMUNICATION E	TECHNOLOGY, HYDERABAD
393	Shalini	Information Technology	CBIT, HYD
394	Shalini	Information Technology	,Tiruvannamalai,Tamilnadu
395	Shanmukhi G	CSE	CBIT
396	Shaziya jabeen	Computer science	Methodist college of engineering and technology
397	S Vaishnav	Cse	CBIT
398	V SHIRISHA REDDY	INFORMATION TECHNOLOGY	VNRVJIET

399	SHIRISHA V	INFORMATION TECHNOLOGY	VNRVJIET
400	Siddireddy Shirisha	Computer science of engineering	Chaitanya Bharathi Institute Of Technology
401	N.S.Shivani	M.TECH CSE	CBIT, HYD
402	Namala shivaprasad	CSE	
403	APARAJU SHIVASAI RAO	cse	
404	Shivathmika Pavushetty	Information Technology	Chaitanya Bharathi Institute Of Technology
405	Shivathmika	IT(information Technology)	
406	Shivli Raina	Computer Science	
407	Konga Shravani	Information Technology-IT	Chaitanya Bharati Institute of Technology-CBIT
408	K Shravani	IT	Chaitanya Bharati institute of technology CBIT
409	D Sindhu	CSE	CBIT
410	Sindhu lakkavatri	IT	
411	GANNAMANENI SIRI GAYATHRI	Computer Science Engineering	R.V.R & J.C College of Engineering
412	V SHIRISHA REDDY	Computer science and engineering	VNRVJIET
413	Sivaprakas.B.M	Computer science and business system	PSNACET
414	BOTCHA SIVA SANKAR	Csd	Avanthi engineering and technology
415	SADWALE SHIVAJI	AIML	
416	Sahu mahesh	Cse	
417	JAKKULA SRAVANTHI	Information technology	VNRVJIET
418	KOLLU SRAVYA SREE	Information Technology	Hyderabad
419	Edla sreeja	IT	CBIT
420	Sreeja Mammai	IT	CBIT
421	Sreeja	IT	CBIT
422	Dr. Kotari Sridevi	CSE	Technology
423	Dr Kotari Sridevi	Dr Kotari Sridevi	MuffakhamJah College of engineering and technology
424	Srija Chowdary	Information Technology	
425	ERANKI SRIKAAVYA	cse	
426	Boppana SriKhyati	CSE(CS&IoT including BCT)	CBIT
427	Anireddy Srilakshmi	Information Technology	Hyderabad
428	Saganti Srilaxmi	IT	CBIT
429	Srinitya	Cse	TECHNOLOGY
430	M.Srinivasa Rao	cse -(iot &cs)	CBIT
431	DIVI.SRIRAM	COMPUTER SCIENCE AND ENGINEERING	R.V.R & J.C COLLEGE OF ENGINEERING
432	Sukumar Sriramoju	IT	

433	EGA SRIYA REDDY	Cse	CBIT,HYD
434	P SAISANDEEP	E.C.E	
435	Dr. Sangeeta Gupta	Cse	Hyderabad
436	Sujeet Kumar Singh	Mathematics	National Institute of Technology, Warangal
437	Chinnakka Sudha	Information Technology	Mahatma Gandhi Institute of Technology
438	Penumaka Sunshine	Computer science of Engineering	
439	Sushank gopala	Information technology	
440	Susmitha Tumma	CSE	CBIT, HYD
441	T.Suvarna Kumari	CSE	CBIT, HYD
442	Swathi. K	CSE	CBIT, HYD
443	Swathi Sowmya Bavirithi	Information Technology	Hyderabad
444	Syeda Azeemunnissa Begum	Computer science engineering	Global institute of engineering and technology
445	Tanish K	CSE(IOT,CS WITH BCT)	CBIT
446	T.Anita	CSE	ISL Engineering college
447	Lodagala Teja	CSE (Data Science)	Avanthi Institute Of Engineering And Technology
448	T.ROHITH KIRAN	Cse data science	Avanthi engineering college
449	thirumala shankar	CSE	
450	K.Thrisha	CSE (cyber security, iot including block cha	CBIT,HYD
451	T. RATNA REDDY	Mechanical	CBIT
452	Trishika Sharon Dasari	INFORMATION TECHNOLOGY	CBIT
453	Trishika sharon dasari	IT	CBIT
454	PILLA TRIVENI	CSE	CBIT
455	Satya Kiranmai Tadepalli	Information Technology	TECHNOLOGY, HYDERABAD
456	T S PRAVEENA	MCA	Hyderabad
457	U CHAITANYA	Information Technology	TECHNOLOGY, HYDERABAD
458	V UDAY KUMAR	CSE	Koneru Lakshmaiah Education Foundation
459	Narsimha Sadula	CSE	CBIT
460	Shashi Priyatham Chitakodur	Information technology	CBIT, HYD
461	Jaswanth	CSE	Chaitanya Bharathi Institute of Technology
462	Nomitha banavath	ECE	CBIT, HYD
463	Sambaraju Jashwanth	Electrical and electronics engineering	CHAITANYA BHARATHI INSTITUE OF
464	Bhoora Hemanth Kumar	Information Technology	CBIT, HYD
465	A. Niharika	Information technology	Chaitanya Bharathi institute of technology
466	SUMMAIYA PARVEEN SANIA	Information Technology	Chaitanya Bharathi Institute of Technology, HYD

467	A. Niharika	IT	Chaitanya Bharathi institute of technology
468	Modem Bhargavi	Information technology	CBIT, HYD
469	Gurala Anjila	Information Technology	Chaitanya Bharathi Institute of Technology
470	Modem Bhargavi	It	CBIT, HYD
471	Anish Varma	Information Technology	CBIT, HYD
472	Kusuma Chanakya	CIC	Chaitanya Bharathi Institute Of Technology
473	Akash Pingali	Cse	CBIT, HYD
474	SAKETH DUBALA	Civil	CBIT, HYD
475	Uma N. Dulhare	CS&AI	Muffakham Jah College of Engineering & Technology
476	U Prashanth Chowdary	CSE	CBIT, HYD
477	U Sairam	IT	CBIT, HYD
478	Varada Sai Balaji	CSE	CBIT ,HYD
479	Vaishnavi Mangaiahgari	IT	CBIT, HYD
480	trishika sharon dasari	Information technology	
481	Shaikshavali	AI&DS	
482	VALLAMALLA SHIRISHA	CSE-3	CBIT, HYD
483	PANDUGULA VAMSHI KRISHNA	COMPUTER SCIENCE AND ENGINEERING	CBIT, HYD
484	K Vamsi Krishna	CSE	Gitam
485	V.G.V.Yeshwanth	Computer science (Data science)	Avanthi engineering college
486	Varshambigai B R	Computer science and business systems	PSNACET
487	ADEPU VARUN SAI KRISHNA	INFORMATION TECHNOLOGY	CBIT
488	P vasanth sena	It	CBIT, HYD
489	DASARI VASANTH KUMAR	CSE	Andhra Pradesh
490	Vathadi Abhinav Varma	EEE	
491	V.Abhinav varma	EEE	Hyderabad
492	V CHANDRA SEKHAR REDDY	Computer Science and Engineering	ACE ENGINEERING COLLEGE
493	venkar reddy thoom	Cse (iot)-5	
494	Gayathri Nagamani Velpucherla	Itk	
495	N.VIBHAVARI SHARMA	CSE(IOT AND CS INCLUDING BLOCK CH	CBIT
496	N Vibhavari Sharma	CSE	
497	Vibhas Batchu	Information technology	Rvr and jc college of engineering
498	Vignesh	CIC	Student
499	Vijayalakshmi Ch	CSE	CBIT, HYD
500	Dr VIJAYAKUMAR POLEPALLY	Computer Science and Engineering	Vasavi College of Engineering Hyderabad

501	Gunji Vijaya Raju	Computer Science and Engineering	R.V.R & J.C College of Engineering
502	vikas babu.Mangam	CSE	GITAM DEEMED TO BE UNIVERSITY
503	D.venkat vikas reddy	CSE(internet of things and cybersecurity wi	Chaitanya Bharathi institute of technology
504	P Vimala Manohara Ruth	Computer Science and Engineering	CBIT, HYD
505	P Vimala Manohara Ruth	Computer Science and Engineering	Hyderabad
506	Kanna Vinoothna	AI&DS	CBIT
507	Kattekola Somanatha Ra	Information Technology	TECHNOLOGY
508	Viswas Somapongu	CSE	CBIT
509	Vivek Gopari	Cse(iot,cs,bct)	
510	Varunkamulu	ECE	NIT, WARANGAL
511	Vodnala sahana	Cse	
512	Sai charan reddy	CSE(IOT,CS,BCT)	CBIT
513	Santhosh Voruganti	Information Technology	CBIT
514	Vyasabhattu Veena	IT	Mahatma Gandhi Institute of Technology
515	Varikuppala Yadagiri	ECE	CBIT, HYD
516	D.Dinesh kumar	Csd	Avanthi
517	Yamini kusa	EEE	
518	YASH TALPALLIKAR	CSE (COMPUTER SCIENCE)	
519	YATISH MANNE	IT	CBIT
520	Dr.Y.Ramadevi	CSE	CBIT
521	Yuvaraj Praneeth	Electrical and Electronics Engineering	
522	tukaram1241@gmail.com	CSE	CBIT
523	Sai Teja Varma Rameti	Computer Science and Engineering	Chaitanya Bharathi Institute of Technology

Prof. N.Rama Devi
CSE Dept.

Mr.B.Satish
CSE Dept.

Ms.Kavita Agarwal
CSE Dept.

Mr.M.Venkata Krishna Reddy
CSE Dept.

Mr.S.Rakesh
IT Dept.

Faculty Coordinators

CHIEF PATRON

Sri. N. SUBASH
President, CBIT

CHIEF ADVISOR

Prof. P. RAVINDER REDDY
Principal, CBIT

ADVISORS

Prof. Y. RAMADEVI
Head, Department of CSE

Prof. M. SWAMY DAS
Joint-Director, Academics

Prof. K. RADHIKA
Head, Department of IT

Prof. N. RAMADEVI
Department of CSE

COORDINATORS

Mr. B. SATEESH
Asst. Professor, Department of CSE

Ms. KAVITA AGRAWAL
Asst. Professor, Department of CSE

Mr. M. VENKATA KRISHNA REDDY
Asst. Professor, Department of CSE

Mr. S. RAKESH
Asst. Professor, Department of IT

GUIDELINES

Digital Certificates will be issued to all the participants who have minimum 60% of attendance.

ELIGIBILITY

The faculty members of the AICTE approved institutions, UG & PG students, participants from Government (Bureaucrats / Technicians), Industry and others.

REGISTRATION DETAILS

- No Registration Fee
- All the participants are requested to register using the following link

<https://forms.gle/aGzqDZqvQAnBSeN3A>

FOR FURTHER DETAILS PLEASE CONTACT

1. Mr. B. Sateesh – 9866801591
2. Mr. M. Venkata Krishna Reddy- 9948048462
3. Mr. S. Rakesh-9951397356



ONE WEEK ONLINE STTP on Cyber Security

16-20 May 2022

Jointly organized by

**Department of Computer
Science and Engineering
&
Department of
Information Technology**

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

CBIT, established in the Year 1979, has developed in four decades of its journey, as one of the Premier Engineering Institute in INDIA, in Telangana State. CBIT has an echo system which caters to research, consultancy, startups, incubations, strategic collaborative associations with industries and foreign universities. The Institute offers Eleven UG and Eleven PG Programs into which Brilliant and Meritorious Candidates with good EAMCET Rank are seeking admissions at CBIT. CBIT Students are prepared and perfected holistically to secure Placements in reputed National and Multi-National Industries. Alumni, nearly 25,000 Graduate Engineers, are successfully placed in their Careers and as Entrepreneurs Globally. The Institute has been granted Autonomous Status from the Academic Year 2013-14 onwards.



ABOUT THE DEPARTMENT OF CSE

The Department of CSE was started in the year 1985 with an intake of 20. The intake was gradually increased to 180. From this academic year (i. e. 2022) we have started Three new programmes in emerging technologies like B.E (CSE with AI and ML) with an intake of 60, B.E (CSE with IoT, Cyber Security with Blockchain) with an intake of 60 and BE AIML with an intake of 60. Thus, increasing the intake of UG students from 180 to 360. M. Tech programme was started in the year 2002 with an intake of 18 and increased to 36 in 2011. CSE department is a recognized research center under Osmania University. It has centers of excellence in the areas of AI&ML, Cyber security, and IOT. The department is having committed and well qualified staff. The intellectual ambiance in CSE Department is conducive to overall development of the students and the discipline of Computer Science and Engineering as a whole. The vision of CSE Department is to become a Centre of Excellence in the field of Computer Science and Engineering that produces Innovative, Skillful, Socially Responsible and Ethical Professionals.

ABOUT THE DEPARTMENT OF IT

The Department of IT comprises of committed and well qualified staff. During the year 2020-21 sanction is accorded for two new programmes in emerging technologies: B.E (AI &DS) thus enhancing the intake of students from 180 to 300. The vision of IT Department is to become a centre of excellence in the field of 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.

ABOUT THE STTP

Cyber security is the practice of protecting systems, networks, and programs from digital attacks. These cyber attacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes. The STTP aims to impart knowledge to the participants in this emerging domain towards the use of Cyber Security tools.

RESOURCE PERSONS


Resource Persons are from renowned Institutions and Industry..

TITLE OF THE VALUE ADDED COURSE
Programming for Problem Solving

Code: CBIT/21EEV002

Duration: 40Hours

Academic year: 2021-22


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Gandipet, Hyderabad - 75

20CS C01

PROGRAMMING FOR PROBLEM SOLVING
(Common to all Programs)

Instruction	3 Periods per week
Duration of SEE	3 Hours
SEE	60 Marks
CIE	40 Marks
Credits	3

Course Objectives: The objectives of this course are


1. Identification of computer components, Operating environments, IDEs.
2. Understanding the steps in problem solving and formulation of algorithms to problems.
3. Develop programming skills as a means of implementing an algorithmic solution with appropriate control and data structures.
4. Develop in tuition to enable students to come up with creative approaches to problems.
5. Manipulation of text data using files.

Course Outcomes: On Successful completion of the course, students will be able to

1. Identify and understand the computing environments for scientific and mathematical problems.
2. Formulate solutions to problems with alternate approaches and represent them using algorithms / Flowcharts.
3. Choose data types and control structures to solve mathematical and scientific problem.
4. Decompose a problem into modules and use functions to implement the modules.
5. Apply arrays, pointers, structures, and unions to solve mathematical and scientific problems.
6. Develop applications using file I/O.

UNIT -I

Introduction to computers and Problem Solving: Components of a computer, Operating system, compilers, Program Development Environments, steps to solve problems, Algorithm, Flowchart / Pseudocode with examples.


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Introduction to programming: Programming languages and generations, categorization of high-level languages.

Introduction to C: Introduction, structure of C program, keywords, identifiers, Variables, constants, I/O statements, operators, precedence, and associativity.

UNIT – II

Introduction to decision control statements: Selective, looping, and nested statements.

Functions: Introduction, uses of functions, Function definition, declaration, passing parameters to functions, recursion, scope of variables and storage classes, Case study using functions and control statements.

UNIT – III

Arrays: Introduction, declaration of arrays, accessing and storage of array elements, 1-dimensional array, Searching (linear and binary search algorithms) and sorting (Selection and Bubble) algorithms, 2-D arrays, matrix operations.

Strings: Introduction, strings representation, string operations with examples. Case study using arrays.

UNIT – IV

Pointers: Understanding computer's memory, introduction to pointers, declaration pointer variables, pointer arithmetic, pointers and strings, array of pointers, dynamic memory allocation, advantages, and drawbacks of pointers.

Structures: Structure definition, initialization and accessing the members of a structure, nested structures, structures and functions, self-referential structures, unions, and enumerated data types.

UNIT-V

Files: Introduction to files, file operations, reading data from files, writing data to files, error handling during file operations.

Preprocessor Directives: Types of preprocessor directives, examples.

Text Books:

1. M.T. Somashekar "Problem Solving with C", 2nd Edition, Prentice Hall India Learning Private Limited 2018
2. AK Sharma, "Computer Fundamentals and Programming", 2nd Edition, University Press, 2018
3. Pradeep Dey and Manas Ghosh, "Programming in C", Oxford Press, 2nd Edition, 2017

Suggested Reading:


1. Byron Gottfried, Schaum's Outline of Programming with C", Mc Graw-Hill.
2. Brian W. Kernighan and Dennis M. Ritchie, The C Programming Language, Prentice Hall of India.
3. E. Balaguruswamy, Programming in ANSI C, Tata McGraw-Hill.
4. Reema Tharaja "Introduction to C Programming", Second Edition, OXFORD Press, 2015.

Online Resources:

1. <https://www.tutorialspoint.com/cprogramming/index.htm>.
2. <https://onlinecourses.nptel.ac.in/noc18-cs10/preview>


Time Table

Branch: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday							
Wednesday						Programming for Problem Solving	
Thursday							
Friday	Programming for Problem Solving						
Saturday							



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List of Participants:-


	Registered & completed student Name	Total no. of students registered & completed
1	K ABHIRAM	120
2	G JASWANTH KUMAR YADAV	
3	PULIPATI KAUSHAL	
4	KUMMARI CHANDRAKALA	
5	PUTLA DHARANI	
6	GUJJA INDRANI	
7	KAVYA TAMMALI	
8	CHIMARLA KEERTHANA	
9	SOLIPURAM KEERTHANA REDDY	
10	KHYATI BHAREDWAJ	
11	JAGATHKARI LAXMIPRIYA	
12	KASHA MAHATHI	
13	MYAKA MANIDEEPIKA REDDY	
14	NAZIYA BEGUM	
15	P NEHASREE	
16	PRAVEENA BOBBALA	
17	BAKKAREDDY PRIYANKA	
18	ERPULA RANI	
19	BATTULA RASAGNA	
20	KANDANELLY SAHITHI PRIYA RATHOD	
21	DARAPU SAI AKSHAYA	
22	SHIVARATHRI SRAVANI	
23	NARAYANA SRINIDHI REDDY	
24	VATTIKONDA SUSHMITHA	
25	SANIKOMMU VAISHNAVI	
26	BURRA VARSHITHA	
27	THODUPUNURI VASAVI	
28	GUTHA VINUTHNA REDDY	
29	KANTHALA ADITH CHANDRA	
30	KULAKARNI ADITHYA	
31	MOHAMMED AMAAN FAROOQUI	
32	K CHINNA RAMUDU	
33	KOBBAI DILEEP KUMAR	
34	KSHITEISSH BHARADWAJ	
35	AGGADI MANI DEEP	
36	NABEEL KHAN	
37	NAMAN GUPTA	
38	AMANCHI NAVEEN	
39	NAVID PABANI	
40	NARAYANA NITHIN	
41	GUGGILLA RAGHAVESHWAR	
42	MOTUPALLI RAMA KRISHNA SAI	


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43	ARRA RASHMITH REDDY
44	CHILLAMCHARLA SAI RAGHU
45	D SAI SIDHARTH KSHYAP
46	MOTHUKURI SAI SRINIVAS
47	VANGALA SAI SRUJAN
48	GUDIMALLA SANJAY
49	M SHANMUKHESH
50	BOGE SIDDARTH
51	SUHAS REDDY M
52	G TARUN
53	NUGURI TARUN
54	
55	VEERAPRADYUN GONUGONDLA
56	KALVA VENU
57	KATAKAM VINAY KUMAR
58	CHENNA VINEETH
59	VISHWAS P
60	ZIYAD AHMED MOHAMMED
61	BIRRU VEDAVYAS
62	T KARTHIK
63	MUNJA YAMINI
64	RAMAVATH SAIKUMAR
65	AJAY KUMAR SAHANI
66	KURMA RAVI
67	SHAIK NEHA GULSHAN
68	PAPIGARI AKSHAY KUMAR
69	CHITLA PAVAN
70	G YASHWANTH KUMAR
71	BHARGAVI SINGAJOGI
72	CHELLA MEENAKSHI S
73	KAVYA PINNEBOINA
74	ANNADI LOHITHA REDDY
75	MANASVINI KOTTAPALLY
76	SURUKANTI NISHITHA
77	NISHMA REDDY KASTURI
78	RACHEL A
79	RISHITHA ARIKOTLA
80	SAI VARSHA MAKTHAL
81	SANDHYA KORRA
82	THUMU SNEHA BHANDHAVI
83	SOUMYA BANDLA
84	GUDIVENUKA SRAVANTHI
85	SADINENI SRAVANTHI
86	SANKARNENI SRAVYA
87	SREE VIDYA GOLLA
88	SUNITHA RANI PITLA
89	UMMAY SALMA
90	M ABHISHEK
91	MUTHYALA ABHISHEKH


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92	AJAY GUNNALA
93	MORE AKSHAY
94	CHAKRAVARTHY DANGATLA
95	CHERUPALLY CHARAN KUMAR
96	BUKYA DINESH
97	ESWAR TEJA CHAVA
98	VAGIRI HARI KIRAN
99	JAYANTH DARAMALLA
100	JEEVAN KUMAR G
101	GULLAPALLI LOKESH
102	PANDULA MANIDEEP
103	DONTHULA NAVEEN
104	PRUDHVI MURUKUTLA
105	RAKESH ANNAM
106	NANDAVARAPU SAI LOKESH REDDY
107	KOTHAKONDA SAI TEJA
108	SAIKIRAN KOLLOJU
109	LAKKARSU SAITEJA VARMA
110	SHERANK DASARATH
111	CHITTI SHIVA ANIMESH REDDY
112	SOHAN KUMAR RUSTUMPET
113	SRI SAI WENKAT NIZAMPATNAM
114	SRI VAMSI DEEVI
115	SRINIVAS GAURAV JAMALPUR
116	MUTHYALA SUJITH REDDY
117	SUMANTH SETTY
118	TARUN CH NSNS
119	DODDI UDAY SHANKAR
120	MUNJA YAMINI


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20CSC06

BASICS OF DATA STRUCTURES
(Common for all Programs except CSE & IT)

Instruction	2 L Hours per Week
Duration of SEE	3 Hours
SEE	60 Marks
CIE	40 Marks
Credits	2

Prerequisite: Basic knowledge of programming language such as C or C++ is preferred (but not mandatory) and some mathematical maturity also will be expected.

Course Objectives:

This course aims to:

1. Basic linear and non-linear data structures.
2. Analyzing the performance of operations on data structures.
3. Different sorting and searching techniques and their complexities.

Course Outcomes:

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

1. Identify various data structures, searching & sorting techniques and their applications.
2. Describe the linear and non-linear data structures, searching and sorting techniques.
3. Apply suitable data structures to solve problems.
4. Analyze various searching and sorting techniques.
5. Evaluate the linear and non-linear data structures.

Mapping of Course Outcomes with Program Outcomes and Program Specific Outcomes:

CO	PO/PSO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO 1		2	2	2	1	3	3	1	-	-	-	-	2	3	3	2
CO 2		2	2	2	2	3	3	1	-	-	-	-	2	3	3	2
CO 3		2	2	2	1	3	2	1	-	-	-	-	2	3	3	2
CO 4		2	3	2	1	3	3	1	-	-	-	-	2	3	3	2
CO 5		2	2	2	1	3	2	1	-	-	-	-	2	3	3	2

UNIT-I

Introduction: Data Types, Data structures, Types of Data Structures, Operations, ADTs, Algorithms, Comparison of Algorithms- Complexity- Time and space tradeoff.

Recursion: Introduction, format of recursive functions, recursion Vs. Iteration, examples.

UNIT-II

Linked Lists: Introduction, Linked lists and types, Representation of linked list, operations on linked list, Comparison of Linked Lists with Arrays and Dynamic Arrays.

UNIT-III

Stacks and Queues: Introduction to stacks, applications of stacks, implementation and comparison of stack implementations. Introduction to queues, applications of queues and implementations, Priority Queues and applications

Searching and Sorting: Linear searching, binary Searching, sorting algorithms- bubble sort, selection sort, quick sort, heap sort.

UNIT-IV

Trees: Definitions and Concepts, Operations on Binary Trees, Representation of binary tree, Conversion of General Trees to Binary Trees, Representations of Trees, Tree Traversals, Binary search Tree.

UNIT-V

Graphs: Introduction, Applications of graphs, Graph representations, graph traversals, Minimal Spanning Trees.

Text Books:

1. Narasimha Karumanchi “Data Structures and Algorithms Made Easy”, Career Monk Publications, 2017
2. E.Horowitz ,S. Sahni and Susan Anderson-Freed, “Fundamentals of Data structures in C”, Silicon Press; 2nd Edition August 2007
3. Reema Thareja, “Data Structures using C”, Oxford, 2014

Suggested Reading:

1. https://www.tutorialspoint.com/data_structures_algorithms/index.htm
2. <https://www.edx.org/course/foundations-of-data-structures>
3. <https://sites.google.com/site/merasemester/data-structures/data-structures-1#DS>
4. <https://www.cs.usfca.edu/~galles/visualization/Algorithms>
5. <https://www.coursera.org/specializations/data-structures-algorithms>

Number of Students Enrolled: 195

Number of students completing course: 194

S. No	Roll No	
1.	160120735121	T ANOUSHKA REDDY
2.	160120735122	SURYADEVARA BHODHITHA SREE
3.	160120735123	PALLAKILA DIVYA TULASI
4.	160120735124	KUNDURU JHANSI

5.	160120735125	GOLLAPUDI LAKSHMI AJITHA
6.	160120735126	MADHURA SWARA MOOLA
7.	160120735127	NUKALA MALINI
8.	160120735128	NEELAM MANASA
9.	160120735129	BATTA NANDINI
10.	160120735130	VANKALA PRANATHI
11.	160120735131	SINDHU RAJE SURYAH MUTYALA
12.	160120735132	P SAHITHI
13.	160120735133	MIRYALA SHREYA REDDY
14.	160120735134	BATTULA SNEHITHA
15.	160120735135	DASARI VENNELA
16.	160120735136	MOHAMMED ABDUL MUQSITH TAAHA
17.	160120735137	G V N AKHIL
18.	160120735138	GANDHARI ANSHUMAAN REDDY
19.	160120735139	KOMMUR ARAVIND GOUD
20.	160120735140	BOBBALA ASHOK REDDY
21.	160120735141	KADARU BHANU PRAKASH
22.	160120735142	KOLLURU CHAITANYA
23.	160120735143	RUKMAIWAD DATTATRI
24.	160120735144	ANUMALA DEEPAK
25.	160120735145	POTU DIXITH

26.	160120735146	YERRA GOUTHAM
27.	160120735147	NETHI GURU DHANUSH
28.	160120735148	VALLALA JAGADEESH
29.	160120735149	KAUSHAL JAIPRAKASH CHAWDA
30.	160120735150	VADTHYA NARENDRA NAIK
31.	160120735151	KURAMANA NAVYATH
32.	160120735152	ANNEBOINA NIKHIL
33.	160120735153	LOLUGU PARVATHI NANDAN
34.	160120735154	KADUDULA PRASHANTH
35.	160120735155	BIJJARAM PRATHEEK REDDY
36.	160120735156	MORA RAHUL TEJ
37.	160120735157	RAVIPATI NIKHIL CHOWDARY
38.	160120735158	JANJANAM REVANTH
39.	160120735159	ANIPEDDI REVANTH NAGENDRA
40.	160120735160	MOHAMMAD RIYAZ
41.	160120735161	NAGABANDI SAI ANIRUDH
42.	160120735162	KOLA SAI GANESH
43.	160120735163	SUNKARI SAI SNEHITH
44.	160120735164	CHADA SAIDEEP REDDY
45.	160120735165	RAVIRALA SAIKUMAR
46.	160120735166	DAMARA SAMANTH

47.	160120735167	SANGISHETTI SANDESH
48.	160120735168	BOLLU SATHVIK
49.	160120735169	GUNJULURI SATHWIK BABU
50.	160120735171	KOMRE SHRAVAN KUMAR
51.	160120735172	BODOLLA SIDDESHWAR
52.	160120735173	PEDDIREDDY SIDDHARTHA REDDY
53.	160120735174	MANDA SRI THANISHQ
54.	160120735175	GOGU SRIKANTH
55.	160120735176	MAHAMMAD VAHEED PASHA
56.	160120735177	O M S S N VANDAN BABU
57.	160120735178	BETHAMCHARLA VENKATA JAYANTH
58.	160120735179	JANGITI VICTOR PAUL
59.	160120735180	CHITTELA VISHNU SAI SATHVIK
60.	160120735313	RAGULA NANDISHWAR
61.	160120735314	KOPPULA SRINIJA
62.	160120735315	VISHNU
63.	160120735316	J VINOD KUMAR
64.	160120735317	INDU
65.	160120735318	JADI MANASA
66.	160120735319	YETURI SAI SHANMUKHA

67.	160119735113	BHAVANI THARUN KUMAR
68.	160119735120	ROKATI WIKHIL ABHINAY
69.	160120735061	AFIZA BEE
70.	160120735062	VADTHYA GEETHA
71.	160120735063	HAMSIKA R G
72.	160120735064	BANDAGUNTA MAHITHA
73.	160120735065	THOTA MANASVI
74.	160120735066	DEVINENI MANOGNA
75.	160120735067	MEGHANA KONOLLA
76.	160120735068	YELUMULA MOUNIKA
77.	160120735069	BHUMANDLA POOJA
78.	160120735070	DAMPETLA POOJA
79.	160120735071	D POOJITHA
80.	160120735072	PATURU SAHITHI
81.	160120735073	MAKKA SAI SHIVANI
82.	160120735074	DESABHATLA SRIYA
83.	160120735075	POKURI SWATHI
84.	160120735076	GOLI VARSHINI
85.	160120735077	KONDAPANENI VASAVI
86.	160120735078	GODUMAGADDA ABHITEJ REDDY
87.	160120735080	POGULA AJAY REDDY

88.	160120735081	JATOVATH ANIL
89.	160120735082	KOLAGANI ARYAN PATEL
90.	160120735083	SAMPANGI BHAGATH
91.	160120735084	PILLALAMARRI CHARAN
92.	160120735085	ARDHANOOR CHARAN SAI
93.	160120735086	GUNDU DHANUSH
94.	160120735087	DILEEP KUMAR GUNDEBOINA
95.	160120735088	PONNARI ESHWAR
96.	160120735089	NAMALA HARI KRISHNA
97.	160120735090	JETTAMONI HEMANTH KUMAR YADAV
98.	160120735091	TALLAM LAKSHMI VENKATA SAI KUMAR
99.	160120735092	RITHVIK MADHAVARAM
100.	160120735093	MANOJ REDDY TALUSANI
101.	160120735094	BOGOJU MUKESH
102.	160120735095	EMMADI NITHIN KUMAR
103.	160120735096	R N V S PRABHAV NARAYAN
104.	160120735097	KODEPAKA PRANAY RAJ
105.	160120735098	RAMA SHRAYAN
106.	160120735099	N RISHI KRISHNA
107.	160120735100	NALLA RITHVIK REDDY
108.	160120735101	RALLABHANDI S M A SRIDATTA

109.	160120735102	MUCCHU SAI CHARAN
110.	160120735103	JULAKANTI SAI GANESH
111.	160120735104	YARRAPU REDDY SAI INDRANEEL
112.	160120735105	SAI KUMAR DASARI
113.	160120735106	ANNAVAJJULA SAI RAJA GANESH SHARMA
114.	160120735107	ERARAM SAI TEJA GOUD
115.	160120735108	VAJJHALA SHANMUKHA SAI VISHNU
116.	160120735109	SHARATHCHAND KODAM
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119.	160120735112	ANUGU SNEHIT REDDY
120.	160120735113	THUPPARI THARUN TEJA
121.	160120735114	BHUKYA VAMSHI KRISHNA
122.	160120735115	KAMSHETTY VARUN
123.	160120735116	VENKATA ANIRUDDH KALYAN TALLURI
124.	160120735117	KALAKONDA VIKAS
125.	160120735118	KONDAPURAM VISHWA CHARAN REDDY
126.	160120735119	KOPPULA YEDDULA NISHEETH CHARAN REDDY
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20CSC07

BASICS OF DATA STRUCTURES LAB (Common for all Programs except CSE & IT)

Instruction	2 P Hours per Week
Duration of SEE	3 Hours
SEE	50 Marks
CIE	50 Marks
Credits	1

Prerequisite: Any Programming Language.

Course Objectives:

This course aims to familiarize:

1. Design and construct simple programs by using the concepts of Data structures as abstract data type.
2. To have a broad idea about how efficiently pointers can be used in the implement of data structures.
3. To enhance programming skills while improving their practical knowledge in data structures.
4. To strengthen the practical ability to apply suitable data structure for real time applications.

Course Outcomes:

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

1. Implement the abstract data type.
2. Demonstrate the operations on stacks, queues using arrays and linked lists.
3. Apply the suitable data structures including stacks, queues to solve problems.
4. Analyse various searching and sorting techniques.
5. Choose proper data structures, sorting and searching techniques to solve real world problems.

Mapping of Course Outcomes with Program Outcomes and Program Specific Outcomes:

CO	PO/PSO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO 1		2	1	-	1	2	2	0	-	-	-	-	1	3	3	2
CO 2		2	2	1	2	3	2	1	-	-	-	-	1	3	3	2
CO 3		2	2	2	2	3	2	1	-	-	-	-	1	3	3	2
CO 4		2	3	2	3	3	3	1	-	-	-	-	2	3	3	2
CO 5		2	2	2	3	3	3	1	-	-	-	-	2	3	3	2

List of Experiments:

1. Implementation of operations on arrays
2. Implementation of Stack.
3. Implementation of Queue.
4. Implementation of basic operations on Single Linked List.

5. Implementation of Searching techniques.
6. Implementation of Sorting Techniques
7. Case study like Banking System, Students Marks Management, Canteen Management, Library Management etc.,

Suggested Reading:

1. Brian W Kernighan, Dennis Ritchie, C Programming Language, PH PTR, 2nd Edition.
2. Richard M Reese, Understanding and Using C Pointers, O'Reily, 2013.

Weblinks:

1. <https://nptel.ac.in/courses/106102064/>
2. <https://www.udemy.com/algorithms-and-data-structures-in-python/>

Number of Students Enrolled: 195

Number of students completing course: 193

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66.	160120735319	YETURI SAI SHANMUKHA

67.	160119735113	BHAVANI THARUN KUMAR
68.	160119735120	ROKATI WIKHIL ABHINAY
69.	160120735061	AFIZA BEE
70.	160120735062	VADTHYA GEETHA
71.	160120735063	HAMSIKA R G
72.	160120735064	BANDAGUNTA MAHITHA
73.	160120735065	THOTA MANASVI

74.	160120735066	DEVINENI MANOGNA
75.	160120735067	MEGHANA KONOLLA
76.	160120735068	YELUMULA MOUNIKA
77.	160120735069	BHUMANDLA POOJA
78.	160120735070	DAMPETLA POOJA
79.	160120735071	D POOJITHA
80.	160120735072	PATURU SAHITHI
81.	160120735073	MAKKA SAI SHIVANI
82.	160120735074	DESABHATLA SRIYA
83.	160120735075	POKURI SWATHI
84.	160120735076	GOLI VARSHINI
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104.	160120735097	KODEPAKA PRANAY RAJ
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72.	160120735064	BANDAGUNTA MAHITHA
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74.	160120735066	DEVINENI MANOGNA
75.	160120735067	MEGHANA KONOLLA
76.	160120735068	YELUMULA MOUNIKA
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78.	160120735070	DAMPETLA POOJA

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168.	160120735158	JANJANAM REVANTH
169.	160120735159	ANIPEDDI REVANTH NAGENDRA
170.	160120735160	MOHAMMAD RIYAZ
171.	160120735162	KOLA SAI GANESH
172.	160120735163	SUNKARI SAI SNEHITH
173.	160120735164	CHADA SAIDEEP REDDY
174.	160120735165	RAVIRALA SAIKUMAR
175.	160120735166	DAMARA SAMANTH
176.	160120735167	SANGISHETTI SANDESH
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180.	160120735172	BODOLLA SIDDESHWAR
181.	160120735173	PEDDIREDDY SIDDHARTHA REDDY
182.	160120735174	MANDA SRI THANISHQ

183.	160120735175	GOGU SRIKANTH
184.	160120735176	MAHAMMAD VAHEED PASHA
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20EGM03

UNIVERSAL HUMAN VALUES II: UNDERSTANDING HARMONY (Common for all Programs)

Instruction	2 L+1T Hours per Week
Duration of SEE	3 Hours
SEE	50 Marks
CIE	50 Marks
Credits	3

Prerequisite: Knowledge of UNIVERSAL HUMAN VALUES I

Course Objectives:

This course aims to:

1. Development of a holistic perspective based on self-exploration about themselves (human being), family, society, and nature/existence.
2. Understanding (or developing clarity) of the harmony in human being, family, society, and nature/existence.
3. Strengthening of self-reflection.
4. Development of commitment and courage to act.

Course Outcomes:

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

1. Students are expected to become more aware of themselves, and their surroundings (family, society, nature)
2. They would become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind.
3. They would have better critical ability.
4. They would also become sensitive to their commitment towards what they have understood (human values, human relationship, and human society).
5. It is hoped that they would be able to apply what they have learnt to their own self in different day-to-day settings in real life, at least a beginning would be made in this direction.

The course has 28 lectures and 14 practice sessions:

Mapping of Course Outcomes with Program Outcomes and Program Specific Outcomes:

CO	PO/ PSO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO 1		-	-	1	-	-	1	-	-	1	-	-	1	-	-	-
CO 2		-	-	1	-	-	1	1	-	1	-	1	1	-	-	-

CO 3	--	-	-	-	-	1	-	-	-	1	-	-	-	-	-
CO 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO 5	-	-	-	1	-	-	-	-	1	1	1	1	-	-	-

UNIT-I

Course Introduction - Need, Basic Guidelines, Content and Process for Value Education

Purpose and motivation for the course, recapitulation from Universal Human Values-I

Self-Exploration–what is it? - Its content and process; ‘Natural Acceptance’ and Experiential Validation-as the process for self-exploration.

Continuous Happiness and Prosperity- A look at basic Human Aspirations.

Right understanding, Relationship and Physical Facility- the basic requirements for fulfilment of aspirations of every human being with their correct priority.

Understanding Happiness and Prosperity correctly- A critical appraisal of the current Scenario.

Method to fulfil the above human aspirations: understanding and living in harmony at various levels.

Include practice sessions to discuss natural acceptance in human being as the innate acceptance for living with responsibility (living in relationship, harmony and co-existence) rather than as arbitrariness in choice based on liking-disliking.

UNIT-II

Understanding Harmony in the Human Being - Harmony in Myself

Understanding human being as a co-existence of the sentient ‘I’ and the material ‘Body’.

Understanding the needs of Self (‘I’) and ‘Body’ - happiness and physical facility.

Understanding the Body as an instrument of ‘I’ (I being the doer, seer and enjoyer).

Understanding the characteristics and activities of ‘I’ and harmony in ‘I’.

Understanding the harmony of I with the Body: Sanyam and Health; correct appraisal of Physical needs, meaning of Prosperity in detail.

Programs to ensure Sanyam and Health.

Include practice sessions to discuss the role others have played in making material goods available to me. Identifying from one’s own life. Differentiate between prosperity and accumulation. Discuss program for ensuring health vs dealing with disease.

UNIT-III

Understanding Harmony in the Family and Society- Harmony in Human- Human Relationship

Understanding values in human-human relationship; meaning of Justice (nine universal values in relationships) and program for its fulfilment to ensure mutual happiness; Trust and Respect as the foundational values of relationship.

Understanding the meaning of Trust; Difference between intention and competence.

Understanding the meaning of Respect, Difference between respect and differentiation; the other salient

values in relationship.

Understanding the harmony in the society (society being an extension of family): Resolution, Prosperity, fearlessness (trust) and co -existence as comprehensive Human Goals.

Visualizing a universal harmonious order in society- Undivided Society, Universal Order- from family to world family.

Include practice sessions to reflect on relationships in family, hostel and institute as extended family, real life examples, teacher-student relationship, goal of education etc. Gratitude as a universal value in relationships. Discuss with scenarios. Elicit examples from students' lives.

UNIT-IV

Understanding Harmony in the Nature and Existence - Whole existence as Coexistence

Understanding the harmony in the Nature.

Interconnectedness and mutual fulfilment among the four orders of nature - recyclability and self-regulation in nature.

Understanding Existence as Co-existence of mutually interacting units in all - pervasive space.

Holistic perception of harmony at all levels of existence.

Include practice sessions to discuss human being as cause of imbalance in nature (film "Home" can be used), pollution, depletion of resources and role of technology etc.

UNIT-V

Implications of the above Holistic Understanding of Harmony on Professional Ethics

Natural acceptance of human values.

Definitiveness of Ethical Human Conduct.

Basis for Humanistic Education, Humanistic Constitution and Humanistic Universal Order.

Competence in professional ethics: a. Ability to utilize the professional competence for augmenting universal human order b. Ability to identify the scope and characteristics of people friendly and eco-friendly production systems, c. Ability to identify and develop appropriate technologies and management patterns for above production systems.

Case studies of typical holistic technologies, management models and production systems.

Strategy for transition from the present state to Universal Human Order:

- a. At the level of individual: as socially and ecologically responsible engineers, technologists and managers.
- b. At the level of society: as mutually enriching institutions and organizations.

Include practice Exercises and Case Studies will be taken up in Practice (tutorial) Sessions eg. To discuss the conduct as an engineer or scientist etc.

Mode of Conduct (L-T-P-C 2-1-0-3)

Lecture hours are to be used for interactive discussion, placing the proposals about the topics at hand and motivating students to reflect, explore and verify them. Tutorial hours are to be used for practice sessions.

While analysing and discussing the topic, the faculty mentor's role is in pointing to essential elements to help in sorting them out from the surface elements. In other words, help the students explore the important or critical elements.

In the discussions, particularly during practice sessions (tutorials), the mentor encourages the student to

connect

with one's own self and do self-observation, self-reflection and self- exploration.

Scenarios may be used to initiate discussion. The student is encouraged to take up "ordinary" situations rather than "extra-ordinary" situations. Such observations and their analyses are shared and discussed with other students and faculty mentor, in a group sitting.

Tutorials (experiments or practical) are important for the course. The difference is that the laboratory is everyday life, and practicals are how you behave and work in real life. Depending on the nature of topics, worksheets, home assignments and/or activities are included.

The practice sessions (tutorials) would also provide support to a student in performing actions commensurate to his/her beliefs. It is intended that this would lead to development of commitment, namely behaving and working based on basic human values.

Assessment:

This is a compulsory credit course. The assessment is to provide a fair state of development of the student, so participation in classroom discussions, self- assessment, peer assessment etc. will be used in evaluation.

Example:

Assessment by faculty mentor: 10 marks
Self-assessment/Assessment

by peers: 10 M

Socially relevant project/Group Activities/Assignments: 20

marks Semester End Examination: 60 marks

The overall pass percentage is 40%. In case the student fails, he/she must repeat the course.

Text Books:

1. R R Gaur, R Asthana, G P Bagaria, "A Foundation Course in Human Values and Professional Ethics", 2nd Revised Edition, Excel Books, New Delhi, 2019. ISBN 978-93-87034-47-1 The teacher's manual
2. R R Gaur, R Asthana, G P Bagaria, "Teachers' Manual for A Foundation Course in Human Values and Professional Ethics", 2nd Revised Edition, Excel Books, New Delhi, 2019. ISBN 978-93-87034-53-2

Reference Books:

1. A Nagaraj Jeevan Vidya: Ek Parichaya, Jeevan Vidya Prakashan, Amar kantik, 1999.
2. N. Tripathi, "Human Values", New Age Intl. Publishers, New Delhi, 2004.
3. Cecile Andrews, Slow is Beautiful
4. Gandhi - Romain Rolland (English)
5. Dharampal, "Rediscovering India"
6. E. F.Schumacher. "Small is Beautiful."
7. J. C. Kumarappa "Economy of Permanence"
8. Pandit Sunderlal "Bharat Mein Angreji Raj"
9. Mohandas Karamchand Gandhi "The Story of My Experiments with Truth"
10. 10.Mohandas K. Gandhi, "Hind Swaraj or Indian Home Rule"
11. Maulana Abdul Kalam Azad, India Wins Freedom -
12. Vivekananda - Romain Rolland (English)
13. The Story of Stuff (Book)

Number of Students Enrolled:196

Number of students completing course: 195

S. No	Roll No	Name of the Student Completing the course
1.	160120735121	T ANOUSHKA REDDY
2.	160120735122	SURYADEVARA BHODHITHA SREE
3.	160120735123	PALLAKILA DIVYA TULASI
4.	160120735124	KUNDURU JHANSI
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148.	160120735137	G V N AKHIL
149.	160120735138	GANDHARI ANSHUMAAN REDDY

150.	160120735139	KOMMUR ARAVIND GOUD
151.	160120735140	BOBBALA ASHOK REDDY
152.	160120735141	KADARU BHANU PRAKASH
153.	160120735142	KOLLURU CHAITANYA
154.	160120735143	RUKMAIWAD DATTATRI
155.	160120735144	ANUMALA DEEPAK
156.	160120735145	POTU DIXITH
157.	160120735146	YERRA GOUTHAM
158.	160120735147	NETHI GURU DHANUSH
159.	160120735148	VALLALA JAGADEESH
160.	160120735149	KAUSHAL JAIPRAKASH CHAWDA
161.	160120735150	VADTHYA NARENDRA NAIK
162.	160120735151	KURAMANA NAVYATH
163.	160120735152	ANNEBOINA NIKHIL
164.	160120735153	LOLUGU PARVATHI NANDAN
165.	160120735154	KADUDULA PRASHANTH
166.	160120735155	BIJJARAM PRATHEEK REDDY
167.	160120735156	MORA RAHUL TEJ
168.	160120735158	JANJANAM REVANTH
169.	160120735159	ANIPEDDI REVANTH NAGENDRA
170.	160120735160	MOHAMMAD RIYAZ
171.	160120735162	KOLA SAI GANESH

172.	160120735163	SUNKARI SAI SNEHITH
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174.	160120735165	RAVIRALA SAIKUMAR
175.	160120735166	DAMARA SAMANTH
176.	160120735167	SANGISHETTI SANDESH
177.	160120735168	BOLLU SATHVIK
178.	160120735169	GUNJULURI SATHWIK BABU
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185.	160120735177	O M S S N VANDAN BABU
186.	160120735178	BETHAMCHARLA VENKATA JAYANTH
187.	160120735179	JANGITI VICTOR PAUL
188.	160120735180	CHITTELA VISHNU SAI SATHVIK
189.	160120735313	RAGULA NANDISHWAR
190.	160120735314	KOPPULA SRINIJA
191.	160120735315	VISHNU
192.	160120735316	J VINOD KUMAR
193.	160120735317	INDU

194.	160120735318	JADI MANASA
195.	160120735319	YETURI SAI SHANMUKHA

TITLE OF THE VALUE ADDED COURSE


Universal Human Values-II: Understanding Harmony

Code: 20EGM03

Duration: 40 Hours

Academic year: 2021-22

Syllabus


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Gandipet, Hyderabad - 75

20EGM03 UNIVERSAL HUMAN VALUES-II: UNDERSTANDING HARMONY
(B.E/B.Tech II/III Year -Common to all branches)

Instruction	3 L Hours per week
Duration of SEE	3 Hours
SEE	60 Marks
CIE	40 Marks
Credits	3

Introduction

This course discusses the role of human values in one's family, in society and in nature. In the Induction Program, students would get an initial exposure to human values through Universal Human Values-I. This exposure is to be augmented by this compulsory full semester foundation course.

Course Objectives:

1. Development of a holistic perspective based on self-exploration about themselves (human being), family, society and nature/existence.
2. Understanding (or developing clarity) of the harmony in human being, family, society and nature/existence.
3. Strengthening of self-reflection.
4. Development of commitment and courage to act.

Course Outcomes:

Upon successful completion of the course the students will be able to:

1. Students are expected to become more aware of themselves, and their surroundings (family, society, nature)
2. They would become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind
3. They would have better critical ability.
4. They would also become sensitive to their commitment towards what they have understood (human values, human relationship and human society).
5. It is hoped that they would be able to apply what they have learnt to their own self in different day-to-day settings in real life, at least a beginning would be made in this direction.

Activate \


Mapping of Course Outcomes with Program Outcomes and Program Specific Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	2	2	2	-	-	-	-
CO 2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
CO 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO 4	-	2	-	-	-	-	-	2	-	-	2	-	-	-	-
CO 5	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-

UNIT-I

Course Introduction - Need, Basic Guidelines, Content and Process for Value Education

- Purpose and motivation for the course, recapitulation from Universal Human Values-I
- Self-Exploration-what is it? - Its content and process; 'Natural Acceptance' and Experiential Validation- as the process for self-exploration


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- Continuous Happiness and Prosperity- A look at basic Human Aspirations
- Right understanding, Relationship and Physical Facility- the basic requirements for fulfillment of aspirations of every human being with their correct priority
- Understanding Happiness and Prosperity correctly- A critical appraisal of the current Scenario
- Method to fulfill the above human aspirations: understanding and living in harmony at various levels.

UNIT-II

Understanding Harmony in the Human Being - Harmony in Myself

- Understanding human being as a co-existence of the sentient 'I' and the material 'Body'
- Understanding the needs of Self ('I') and 'Body' - happiness and physical facility
- Understanding the Body as an instrument of 'I' (I being the doer, seer and enjoyer)
- Understanding the characteristics and activities of 'I' and harmony in 'I'
- Understanding the harmony of I with the Body: Sanyam and Health; correct appraisal of Physical needs, meaning of Prosperity in detail
- Programs to ensure Sanyam and Health.

UNIT-III

Understanding Harmony in the Family and Society- Harmony in Human- Human Relationship

- Understanding values in human-human relationship; meaning of Justice (nine universal values in relationships) and program for its fulfilment to ensure mutual happiness; Trust and Respect as the foundational values of relationship
- Understanding the meaning of Trust; Difference between intention and competence
- Understanding the meaning of Respect, Difference between respect and differentiation; the other salient values in relationship
- Understanding the harmony in the society (society being an extension of family): Resolution, Prosperity, fearlessness (trust) and co -existence as comprehensive Human Goals
- Visualizing a universal harmonious order in society- Undivided Society, Universal Order- from family to world family.

Activate

- Visualizing a universal harmonious order in society- Undivided Society, Universal Order- from family to world family.

UNIT-IV


Understanding Harmony in the Nature and Existence - Whole existence as Coexistence

- Understanding the harmony in the Nature
- Interconnectedness and mutual fulfilment among the four orders of nature - recyclability and self- regulation in nature
- Understanding Existence as Co-existence of mutually interacting units in all - pervasiveness
- Holistic perception of harmony at all levels of existence.

UNIT-V

Implications of the above Holistic Understanding of Harmony on Professional Ethics

- Natural acceptance of human values
- Definitiveness of Ethical Human Conduct
- Basis for Humanistic Education, Humanistic Constitution and Humanistic Universal Order
- Competence in professional ethics: a. Ability to utilize the professional competence for augmenting universal human order b. Ability to identify the scope and characteristics of people friendly and eco-friendly production systems, c. Ability to identify and develop appropriate technologies and management patterns for above production systems.
- Case studies of typical holistic technologies, management models and production systems
- Strategy for transition from the present state to Universal Human Order:
 - a. At the level of individual: as socially and ecologically responsible engineers, technologists and managers
 - b. At the level of society: as mutually enriching institutions and organizations


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Assessment:

This is a compulsory credit course. The assessment is to provide a fair state of development of the student, so participation in classroom discussions, self- assessment, peer assessment etc. will be used in evaluation. Example:

Assessment by faculty mentor: 10 marks Self-

assessment/Assessment by peers: 10 M

Socially relevant project/Group Activities/Assignments: 20 marks

Semester End Examination: 60 marks

The overall pass percentage is 40%. In case the student fails, he/she must repeat the course.

Text Books:

1. R R Gaur, R Asthana, G P Bagaria, "A Foundation Course in Human Values and Professional Ethics", 2nd Revised Edition, Excel Books, New Delhi, 2019. ISBN 978-93-87034-47-1 The teacher's manual
2. R R Gaur, R Asthana, G P Bagaria, "Teachers' Manual for A Foundation Course in Human Values and Professional Ethics", 2nd Revised Edition, Excel Books, New Delhi, 2019. ISBN978-93-87034-53-2

Suggested Readings:

1. A Nagaraj Jeevan Vidya: EkParichaya, Jeevan Vidya Prakashan, Amar kantik,1999.
2. N. Tripathi, "Human Values", New Age Intl. Publishers, New Delhi,2004.
3. Cecile Andrews, Slow isBeautiful
4. Gandhi - Romain Rolland (English)
5. Dharampal, "Rediscovering India"
6. E. FSchumacher. "Small isBeautiful"
7. J. C. Kumarappa "Economy ofPermanence"
8. Pandit Sunderlal "Bharat Mein AngrejiRaj"
9. Mohandas Karamchand Gandhi "The Story of My Experiments withTruth"
10. 10.Mohandas K. Gandhi, "Hind Swaraj or Indian Home Rule"
11. Maulana Abdul Kalam Azad, India Wins Freedom-


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Time Table

Branch: EEE							
Day	9:10 - 10:10	10:10-11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday							
Wednesday							
Thursday							
Friday		Universal Human Values-II: Understanding Harmony					
Saturday							



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List of Participants:-


S.NO	Registered & completed student Name	Total no. of students registered & completed
1.	AISHA NASEEMA	132
2.	BOBBILI AKANKSHA	
3.	BURA AKSHAYA	
4.	DHAMMA DIVYA REDDY	
5.	BOLLU GEETHIKA CHOWDARY	
6.	CHUNDURU GOWTHAMI	
7.	KANCHAPU JAYA SAI TANMAYI	
8.	NATTE KAVYA	
9.	POOSKUR KUNDANA	
10.	CHINNALA MONITHA SAI	
11.	TADKALE NIKITHA	
12.	NOUREEN SULTANA	
13.	NARAYANA POOJA REDDY	
14.	ELASARAM PRASANNA	
15.	PUNUMALLI PRAVALLIKA	
16.	VAVILALA ROHITHA RAGA	
17.	MERUGU SAGARIKA	
18.	VASPARI SHIVANI	
19.	CHEELA TEJASRI	
20.	VAISHNAVI SANUGOMMULA	
21.	GANJI ADWAITH	
22.	ARPULA AKSHAY	
23.	GUNTURU ANDREWS GNANA DEEPAK	
24.	MANTHANI ANOOPKUMAR	
25.	P AZEEZ KHAN	
26.	PATTEPU BHARATH	
27.	C CHARAN KUMAR	
28.	MOHAMMED FAISAL	
29.	MD FERDOUES	
30.	VADDE GANESH	
31.	GADDE GNANDEEP	
32.	VUTUKURI GOPICHAND	
33.	MANDAPATI HONNESH	
34.	KADARI KOWSHIKK	
35.	SAKAM MANIKANTA REDDY	
36.	MEESALA MANOJ KOUSHIK SOSA	
37.	NANNEBOYINA MANOJ	
38.	MOHAMMED RAYYAN	
39.	EGA PRAGHNAY REDDY	


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40.	AMGOTH RAVINDER NAIK
41.	GAJWARI SAI KIRAN
42.	SAI NIRANSHU ANNAM
43.	DOPPA SAI THARUN
44.	DEVARUPPULA SAIRAM
45.	SAITEJA DASARIVENKATESHWARARAO
46.	NATHAM SANTOSH
47.	SHAIK UBAID
48.	V SHANTAN RAMI REDDY
49.	PENCHALA SHASHANK
50.	SHASHMITH BALAJI SHAGANTI
51.	M SHIVA NANDU
52.	T SHIVAIAH
53.	SIRAMDAS SIDDARTH CHANDRA
54.	GUNDLA SRIDHAR REDDY
55.	SRIHAAS K N S TADIKONDA
56.	PAYYAVULA SUJITH
57.	KUNDURU VENKATA SAI CHARAN REDDY
58.	ANUMALA VISHNU VARDHAN
59.	CHILUVERI VISHNU VARDHAN
60.	VEMULA RAJESHWAR REDDY
61.	VANAMOJU MADHURI
62.	GANJI ESHWAR
63.	BURA NAGA SRI
64.	BANOTH HARJUN
65.	GYARA BHANU PRASAD
66.	PENTAPARTHY BHARAT
67.	DARAVATH ANUSHA
68.	SHAIK AYESHA FARHEEN
69.	NENDRALLA BHAVANA
70.	THATICHTLA BHUVANA PALINI
71.	DHARMASOTH JAYA SRI
72.	KAVYA CHELLAPILLA
73.	ANTHANNAGARI NAVYA VAISHNAVI
74.	DANDU NIHARIKA
75.	ARUKONDA PALLAVI
76.	MALLAIAHGARI PAVANI
77.	ANTHANI PRAVALIKA
78.	NAGULA RACHANA
79.	GUJJA RISHITHA
80.	NANDIKONDA SAIRUN
81.	BOUTHU SHASHANKA
82.	TEYNAMPET SHREYA


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83.	GUNDA SREESHMA
84.	GUNDA SRINITHA
85.	PIDUGU SWATHI
86.	D VAISHNAVI
87.	VAIDYA VARSHITHA
88.	ABDUL JAVVAD AHMED
89.	ABHINAV PEDDINI
90.	ABHISHEK TOLUVA
91.	BATTU ADITHYA
92.	DEVESH BAHADUR NEWAR
93.	BATHULA HAREESH TEJA
94.	RASAMADUGU HAREYAANK
95.	ANUMALLA HARSHITH
96.	SURINENI HRUDAY PRADYUNNATH
97.	SAJJALA KARTHIKEYA REDDY
98.	M KIRAN KUMAR
99.	PASUPULA KRISHNA VAMSHI
100.	MADHILESH ERRAMSHETTI
101.	MEDARI MAHENDAR
102.	CHALASANI MAHESH TEJA
103.	AMDALA MANIKANTA GOUD
104.	KASU NARASIMHA
105.	VADGURE PAVAN KALYAN
106.	SANGANI PAVAN KUMAR
107.	PUSULURI PRANAY
108.	P PREM KUMAR
109.	BASHABOINA RAJU
110.	RISHIKESH PISKA
111.	RUHAAN AHMED KHAN
112.	MADDULA SAI KIRAN
113.	DHARAVATH SAIKUMAR
114.	SHIVANADHULA SAITEJA
115.	GANDLA SAKETH KUMAR
116.	LAKKEPURAM SHIVA PRANAY
117.	MARRI SHREYAN
118.	MACHARLA SIDDHARTHA
119.	PADALA SRAVAN KUMAR
120.	MAKTHALA UDAY KIRAN GOUD
121.	BHUKYA VIGNESH
122.	NALLA VISHNU TEJA
123.	BEETHI VIVEK
124.	GUDLA SUSHMITHA
125.	K CHINNA RAMUDU


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126.	KOBBAI DILEEP KUMAR	
127.	NAMAN GUPTA	
128.	PATTURI SAI PRIYA	
129.	GATTU VAMSHI	
130.	GANGULA AKASH	
131.	YADAGIRI AKANKSHA	
132.	MUZAFFAR NAVEED	


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20EGM02

INDIAN TRADITIONAL KNOWLEDGE
(Common to all Programs)

Instruction
Duration of SEE
SEE
CIE
Credits

2 L Hours per Week
2 Hours
50 Marks
0 Marks
No Credits

Prerequisite: Knowledge on Indian Culture.

Course Objectives:

This course aims to:

1. To get a knowledge in Indian Culture
2. To know Indian Languages and Literature and the fine arts in India
3. To explore the Science and Scientists of Medieval and Modern India.

Course Outcomes:

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

1. Understand philosophy of Indian culture.
2. Distinguish the Indian languages and literature.
3. Learn the philosophy of ancient, medieval, and modern India.
4. Acquire the information about the fine arts in India.
5. Know the contribution of scientists of different eras.

Mapping of Course Outcomes with Program Outcomes and Program Specific Outcomes:

CO	PO/ PSO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PSO	PSO	PSO
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO 1		--	-	1	-	-	1	-	-	-	-	-	-	-	-	-
CO 2		--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO 3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO 4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO 5		-	-	-	1	-	-	-	-	-	-	-	1	-	-	-

UNIT-I

Culture and Civilization: Culture, civilization and heritage, general characteristics of culture, importance of culture in human literature, Cultural diversity, Aesthetics, Women seers, Indus culture, Indian cuisine, Martial arts.

UNIT-II

Education system: Education in ancient, medieval and modern India, aims of education, subjects, languages, Science and Scientists of Ancient India, Science and Scientists of Medieval India, Scientists of Modern India.

UNIT-III

Linguistic Wealth: Indian Languages and Literature: the role of Sanskrit, Paleography, Significance of scriptures to current society, Indian semantics and lexicography, Bhakti literature, Darsanas.

UNIT-IV

Science and Logic: Helio-centric system, Sulbasutras, Katapayadi, Hindu calendar, 6 pramanas in Indian logic, Scientific method applied to therapeutics, Fallacies, Tarka – Induction & Deduction, Ayurvedic biology, Definition of health.

UNIT-V

Behavioral Modeling: Structured Procedures, Procedural Assignments, Timing control, Conditional statements, Sequential and Parallel Blocks. Switch level Modelling. Introduction to tasks and functions. Design of Mealy and Moore state models using Verilog HDL. Introduction to Logic Synthesis. Concept of Programming using FPGA.

Text Books:

1. Kapil Kapoor, Text and Interpretation: The Indian Tradition, ISBN: 81246033375, 2005.
2. Samskrita Bharati, Science in Samskrit, ISBN-13: 978-8187276333, 2007.
3. Satya Prakash, Founders of sciences in Ancient India, Govindram Hasanand, ISBN-10: 8170770009, 1989.
4. Brajendranath Seal, The Positive Sciences of the Ancient Hindus, Motilal Banarasidass, ISBN-10: 8120809254, 1915.

Suggested Reading:

1. Swami Vivekananda, *Caste, Culture and Socialism*, Advaita Ashrama, Kolkata ISBN-9788175050280.
2. Swami Lokeshwarananda, *Religion and Culture*, Advaita Ashrama, Kolkata ISBN-9788185843384.
3. Kapil Kapoor, *Language, Linguistics and Literature: The Indian Perspective*, ISBN-10: 8171880649, 1994.
4. Karan Singh, *A Treasury of Indian Wisdom: An Anthology of Spiritual Learn*, ISBN: 978-0143426158, 2016.
5. Swami Vivekananda, *The East and the West*, Advaita Ashrama, Kolkata 9788185301860.
6. Srivastava R.N., *Studies in Languages and Linguistics*, Kalinga Publications ISBN-13: 978-8185163475.

7. Subhash Kak and T.R.N. Rao, *Computation in Ancient India*, Mount Meru Publishing ISBN-1988207126.
8. R.N Misra, *Outlines of Indian Arts Architecture, Painting, Sculpture, Dance and Drama*, IIAS, Shimla & Aryan Books International, ISBN 8173055149.
9. S. Narain, *Examinations in ancient India*, Arya Book Depot, 1993.
10. M. Hiriyanna, *Essentials of Indian Philosophy*, Motilal Banarsidass Publishers, ISBN-13: 978-8120810990, 2014.
11. Ravi Prakash Arya, *Engineering and Technology in Ancient India*, Indian Foundation for Vedic Science, ISBN-10: 1947593072020.

SWAYAM / NPTEL:

1. History of Indian Science and Technology - https://onlinecourses.swayam2.ac.in/arp20_ap35/preview
2. Introduction to Ancient Indian Technology – https://onlinecourses.nptel.ac.in/noc19_ae07/preview
3. Indian Culture & Heritage - https://onlinecourses.swayam2.ac.in/nos21_sc11/preview
4. Language and Society - <https://nptel.ac.in/courses/109/106/109106091/>
5. Science, Technology & Society - <https://nptel.ac.in/courses/109/103/109103024/>
6. Introduction to Indian Philosophy - <https://nptel.ac.in/courses/109/106/109106059/>
7. Introduction to Indian Art - An appreciation - https://onlinecourses.nptel.ac.in/noc20_hs09/preview

Number of Students Enrolled: 195

Number of students completing course: 195

S. No	Roll No	Name of the Student Completing the course
1.	160120735121	T ANOUSHKA REDDY
2.	160120735122	SURYADEVARA BHODHITHA SREE
3.	160120735123	PALLAKILA DIVYA TULASI
4.	160120735124	KUNDURU JHANSI
5.	160120735125	GOLLAPUDI LAKSHMI AJITHA
6.	160120735126	MADHURA SWARA MOOLA
7.	160120735127	NUKALA MALINI

8.	160120735128	NEELAM MANASA
9.	160120735129	BATTA NANDINI
10.	160120735130	VANKALA PRANATHI
11.	160120735131	SINDHU RAJE SURYAH MUTYALA
12.	160120735132	P SAHITHI
13.	160120735133	MIRYALA SHREYA REDDY
14.	160120735134	BATTULA SNEHITHA
15.	160120735135	DASARI VENNELA
16.	160120735136	MOHAMMED ABDUL MUQSITH TAAHA
17.	160120735137	G V N AKHIL
18.	160120735138	GANDHARI ANSHUMAAN REDDY
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64.	160120735317	INDU
65.	160120735318	JADI MANASA
66.	160120735319	YETURI SAI SHANMUKHA

67.	160119735113	BHAVANI THARUN KUMAR
68.	160119735120	ROKATI WIKHIL ABHINAY
69.	160120735061	AFIZA BEE

70.	160120735062	VADTHYA GEETHA
71.	160120735063	HAMSIKA R G
72.	160120735064	BANDAGUNTA MAHITHA
73.	160120735065	THOTA MANASVI
74.	160120735066	DEVINENI MANOGNA
75.	160120735067	MEGHANA KONOLLA
76.	160120735068	YELUMULA MOUNIKA
77.	160120735069	BHUMANDLA POOJA
78.	160120735070	DAMPETLA POOJA
79.	160120735071	D POOJITHA
80.	160120735072	PATURU SAHITHI
81.	160120735073	MAKKA SAI SHIVANI
82.	160120735074	DESABHATLA SRIYA
83.	160120735075	POKURI SWATHI
84.	160120735076	GOLI VARSHINI
85.	160120735077	KONDAPANENI VASAVI
86.	160120735078	GODUMAGADDA ABHITEJ REDDY
87.	160120735080	POGULA AJAY REDDY
88.	160120735081	JATOVATH ANIL
89.	160120735082	KOLAGANI ARYAN PATEL
90.	160120735083	SAMPANGI BHAGATH

91.	160120735084	PILLALAMARRI CHARAN
92.	160120735085	ARDHANOOR CHARAN SAI
93.	160120735086	GUNDU DHANUSH
94.	160120735087	DILEEP KUMAR GUNDEBOINA
95.	160120735088	PONNARI ESHWAR
96.	160120735089	NAMALA HARI KRISHNA
97.	160120735090	JETTAMONI HEMANTH KUMAR YADAV
98.	160120735091	TALLAM LAKSHMI VENKATA SAI KUMAR
99.	160120735092	RITHVIK MADHAVARAM
100.	160120735093	MANOJ REDDY TALUSANI
101.	160120735094	BOGOJU MUKESH
102.	160120735095	EMMADI NITHIN KUMAR
103.	160120735096	R N V S PRABHAV NARAYAN
104.	160120735097	KODEPAKA PRANAY RAJ
105.	160120735098	RAMA SHRAYAN
106.	160120735099	N RISHI KRISHNA
107.	160120735100	NALLA RITHVIK REDDY
108.	160120735101	RALLABHANDI S M A SRIDATTA
109.	160120735102	MUCCHU SAI CHARAN
110.	160120735103	JULAKANTI SAI GANESH
111.	160120735104	YARRAPU REDDY SAI INDRANEEL

112.	160120735105	SAI KUMAR DASARI
113.	160120735106	ANNAVAJJULA SAI RAJA GANESH SHARMA
114.	160120735107	ERARAM SAI TEJA GOUD
115.	160120735108	VAJJHALA SHANMUKHA SAI VISHNU
116.	160120735109	SHARATHCHAND KODAM
117.	160120735110	P SIDDARTH
118.	160120735111	M SIDDHARTH
119.	160120735112	ANUGU SNEHIT REDDY
120.	160120735113	THUPPARI THARUN TEJA
121.	160120735114	BHUKYA VAMSHI KRISHNA
122.	160120735115	KAMSHETTY VARUN
123.	160120735116	VENKATA ANIRUDDH KALYAN TALLURI
124.	160120735117	KALAKONDA VIKAS
125.	160120735118	KONDAPURAM VISHWA CHARAN REDDY
126.	160120735119	KOPPULA YEDDULA NISHEETH CHARAN REDDY
127.	160120735307	ADEPU SHASHANK
128.	160120735308	NAKKA SIDDARTHA
129.	160120735309	VODDEPALLI AKHILA
130.	160120735310	GATLA ABHILASH
131.	160120735311	SHAIK HASAN PASHA
132.	160120735312	RODDA HARSHITHA

133.	160120735121	T ANOUSHKA REDDY
134.	160120735122	SURYADEVARA BHODHITHA SREE
135.	160120735123	PALLAKILA DIVYA TULASI
136.	160120735124	KUNDURU JHANSI
137.	160120735125	GOLLAPUDI LAKSHMI AJITHA
138.	160120735126	MADHURA SWARA MOOLA
139.	160120735127	NUKALA MALINI
140.	160120735129	BATTA NANDINI
141.	160120735130	VANKALA PRANATHI
142.	160120735131	SINDHU RAJE SURYAH MUTYALA
143.	160120735132	P SAHITHI
144.	160120735133	MIRYALA SHREYA REDDY
145.	160120735134	BATTULA SNEHITHA
146.	160120735135	DASARI VENNELA
147.	160120735136	MOHAMMED ABDUL MUQSITH TAAHA
148.	160120735137	G V N AKHIL
149.	160120735138	GANDHARI ANSHUMAAN REDDY
150.	160120735139	KOMMUR ARAVIND GOUD
151.	160120735140	BOBBALA ASHOK REDDY
152.	160120735141	KADARU BHANU PRAKASH

153.	160120735142	KOLLURU CHAITANYA
154.	160120735143	RUKMAIWAD DATTATRI
155.	160120735144	ANUMALA DEEPAK
156.	160120735145	POTU DIXITH
157.	160120735146	YERRA GOUTHAM
158.	160120735147	NETHI GURU DHANUSH
159.	160120735148	VALLALA JAGADEESH
160.	160120735149	KAUSHAL JAIPRAKASH CHAWDA
161.	160120735150	VADTHYA NARENDRA NAIK
162.	160120735151	KURAMANA NAVYATH
163.	160120735152	ANNEBOINA NIKHIL
164.	160120735153	LOLUGU PARVATHI NANDAN
165.	160120735154	KADUDULA PRASHANTH
166.	160120735155	BIJJARAM PRATHEEK REDDY
167.	160120735156	MORA RAHUL TEJ
168.	160120735158	JANJANAM REVANTH
169.	160120735159	ANIPEDDI REVANTH NAGENDRA
170.	160120735160	MOHAMMAD RIYAZ
171.	160120735162	KOLA SAI GANESH
172.	160120735163	SUNKARI SAI SNEHITH
173.	160120735164	CHADA SAIDEEP REDDY

174.	160120735165	RAVIRALA SAIKUMAR
175.	160120735166	DAMARA SAMANTH
176.	160120735167	SANGISHETTI SANDESH
177.	160120735168	BOLLU SATHVIK
178.	160120735169	GUNJULURI SATHWIK BABU
179.	160120735171	KOMRE SHRAVAN KUMAR
180.	160120735172	BODOLLA SIDDESHWAR
181.	160120735173	PEDDIREDDY SIDDHARTHA REDDY
182.	160120735174	MANDA SRI THANISHQ
183.	160120735175	GOGU SRIKANTH
184.	160120735176	MAHAMMAD VAHEED PASHA
185.	160120735177	O M S S N VANDAN BABU
186.	160120735178	BETHAMCHARLA VENKATA JAYANTH
187.	160120735179	JANGITI VICTOR PAUL
188.	160120735180	CHITTELA VISHNU SAI SATHVIK
189.	160120735313	RAGULA NANDISHWAR
190.	160120735314	KOPPULA SRINIJA
191.	160120735315	VISHNU
192.	160120735316	J VINOD KUMAR
193.	160120735317	INDU
194.	160120735318	JADI MANASA

195.	160120735319	YETURI SAI SHANMUKHA
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TITLE OF THE VALUE ADDED COURSE: Indian Heritage and Culture
COURSE CODE: CBIT/21EGV05
ACADEMIC YEAR: 2021 - 22
TARGET PARTICIPANTS: Final Year Students - VII
DURATION OF THE COURSE: 40 hours/ 10 weeks

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TITLE OF THE VALUE ADDED COURSE: Indian Heritage and Culture

COURSE CODE: CBIT/21EGV05

ACADEMIC YEAR: 2021 - 22

TARGET PARTICIPANTS: Final Year Students - VIII

DURATION OF THE COURSE: 40 hours/ 10 weeks



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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)HYDERABAD-75
DEPARTMENT OF ENGLISH

VALUE ADDED COURSE

Subject: **Indian Heritage and Culture**

Subject Code: **CBIT/2IEGV05AY 2021-22 YEAR IV SEM VII**

Total number of students: **160**

VII Sem Mech-I		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-736-001	HRITHIKA GOUD MUNUKUNTLA
2	1601-18-736-002	MEHATHA BANU SHAIK
3	1601-18-736-003	PAVITRA PULI
4	1601-18-736-004	SNEHITHA TERUPALLY
5	1601-18-736-005	YAMINI MEDIKONDA
6	1601-18-736-006	ABDUL HASEEB MOHAMMED
7	1601-18-736-007	AKARSH REDDY CHEDEPUDI
8	1601-18-736-008	AMARENDRA PRASAD M
9	1601-18-736-009	AMER MOHAMMAD
10	1601-18-736-010	ANIRUDH SAMALA
11	1601-18-736-011	ASHISH CHOUDHARY RATHOD
12	1601-18-736-012	CHINNIKALYAN MEDAM
13	1601-18-736-013	DEEKSHITH A
14	1601-18-736-014	DINESH CHANDRA GUPTA MALEPATI
15	1601-18-736-015	GOPISAINATH MAMINDLAPALLI
16	1601-18-736-017	JANARDHAN REDDY NANDHYALA
17	1601-18-736-018	JAYA SAI SHASHANK NEELAMRAJU
18	1601-18-736-019	KRANTHI SAI RAJOJU
19	1601-18-736-020	MANIDEEP MUTHYALA
20	1601-18-736-021	MANIKANTA CHARY MUNIGADAPA
21	1601-18-736-022	MANOJ KUMAR PENUGONDA
22	1601-18-736-023	MANOJ MIRIYALA
23	1601-18-736-024	NARANDHRA VARMA RUDRARAJU
24	1601-18-736-025	NIGAMANANDA JANJANAM
25	1601-18-736-026	PRANAV PINJARLA
26	1601-18-736-027	PRANAY KUNAMALLA
27	1601-18-736-028	PRANAY SANTHOSH KANAPARTHY
28	1601-18-736-029	PRUDVI RAM PAMULA
29	1601-18-736-030	PURNACHANDRA RAO GUTTIKONDA
30	1601-18-736-031	RAHUL SANJAY BHILARE
31	1601-18-736-032	ROHAN YALAMANCHILI
32	1601-18-736-033	ROHIT DAMPETLA
33	1601-18-736-034	ROHITH KUMAR CHIMALA
34	1601-18-736-035	ROHITH REDDY KATTA

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35	1601-18-736-036	SAI CHINNU BIYYALA
36	1601-18-736-037	SAI GANESH GUNDA
37	1601-18-736-038	SAI KAMAL REDDY CHINTAGUNTLA
38	1601-18-736-039	SAI LAXMAN TANUJ VIMMADISETTY
39	1601-18-736-040	SAIMANIKANTA AKASAPU
40	1601-18-736-041	SASHREEK REDDY MALLEM
41	1601-18-736-042	SAYEED SHAIK
42	1601-18-736-043	SHAHZAIN UMER BAIG MIRZA
43	1601-18-736-044	SHIVA SHANKAR GANDE
44	1601-18-736-045	SRIHARSH POLINENI
45	1601-18-736-046	SUMEET M
46	1601-18-736-047	THARUN AMGOTHU
47	1601-18-736-048	UMESH CHANDRA BONTHI
48	1601-18-736-049	UTTAM KUMAR T
49	1601-18-736-050	VEERAREDDY SUDIPTH R
50	1601-18-736-051	VENKATA VIDHYA SAGAR KEERTHI
51	1601-18-736-052	VJAY GANESH KATINEEDI
52	1601-18-736-053	VINOD KUMAR KONDIGARI
53	1601-18-736-054	VIRAT VIGHNESH G
54	1601-18-736-301	KASAGONI SUBHASH
55	1601-18-736-302	UMMAREDDY KRISHNA PRASAD REDDY
56	1601-18-736-303	T SHIVA GOUD
57	1601-18-736-304	SHAIK CHAND PASHA
58	1601-18-736-305	YERRABOINA VAMSHI KRISHNA
59	1601-18-736-306	KAJAM SHIVANI
60	1601-18-736-307	SYED NAYEEMULLAH HUSSAINI

H. Nayab Ali

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Subject: Indian Heritage and Culture

Subject Code: CBIT/2IEGV05 AY 2021-22 YEAR IV SEM VII

VII Sem Mech-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-736-061	KRITI SARILLA
2	1601-18-736-062	MOUNIKA BUSHIPAKA
3	1601-18-736-063	PRANAVA G
4	1601-18-736-064	RANI MAMIDI
5	1601-18-736-065	SAMHITHA REDDY GONTU
6	1601-18-736-066	SREE NANDINI PEGUDA
7	1601-18-736-067	VAISHNAVI MANCHERLA
8	1601-18-736-068	VIJAYENDER ARAVINDAM GUNNALA
9	1601-18-736-069	ABDUL RAHEEMUDDIN MOHAMMED
10	1601-18-736-071	ALI KHAN SIRAJ LODHI
11	1601-18-736-072	ANANDA PRASAD RAO MOLUGU
12	1601-18-736-073	ATIF ALI MIR
13	1601-18-736-074	BHAGATH CHELPURI
14	1601-18-736-075	CHAITANYA SANAPALA
15	1601-18-736-076	CHETAN MANI CHANDRA VALLAKATTI
16	1601-18-736-077	IDRIS MADRASWALA MUFFADAL
17	1601-18-736-078	JASHWANTH MADGULA
18	1601-18-736-079	KISHORE KALLEM
19	1601-18-736-080	KRISHNA SURYA VARMA NADIMPALLI
20	1601-18-736-081	MANAS JAIN LODHA
21	1601-18-736-082	MANI VARDHAN REDDY A
22	1601-18-736-083	NACHIKETH PATNAIK ITTIKI
23	1601-18-736-084	NARENDRA SAGAR U
24	1601-18-736-086	NIKHIL REDDY RAGI
25	1601-18-736-087	PIYUSH BHUSHAN MATHE
26	1601-18-736-089	SADANAND KATUKURI
27	1601-18-736-090	SAI KIRAN TAMMANNAGARI
28	1601-18-736-091	SAI KRISHNA JANIGA
29	1601-18-736-092	SAMPATH KANDELA
30	1601-18-736-093	SATAYANARAYANA S
31	1601-18-736-094	SATYA SAI KATURU
32	1601-18-736-097	SRAVAN POTHANASHETTI
33	1601-18-736-098	SREERAM GONELA
34	1601-18-736-099	SRI HARSHA MANCHUKONDA
35	1601-18-736-100	SRIRAJ REDDY PASUNURI
36	1601-18-736-101	SUHAIR AHMED SYED
37	1601-18-736-102	SUHAS REDDY KARNA
38	1601-18-736-103	VAMSHI KRISHNA REDDY G

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39	1601-18-736-104	VAMSHIDHAR REDDY NANDINENI
40	1601-18-736-105	VARSHITH B V S T
41	1601-18-736-106	VASANTH PATEL ANDELA
42	1601-18-736-107	VENKATA KOUSHIK BAKKAMUNTHALA
43	1601-18-736-108	VENKATA SAI BATHULA
44	1601-18-736-109	VIJAY SAID
45	1601-18-736-110	VIJAYENDRA VEMULA
46	1601-18-736-111	YASHPAL KUMAR REDDY ANNAPUREDDY
47	1601-18-736-112	YASHWANTH REDDY EDAMAKANTI
48	1601-18-736-308	SINGIREDDY SHIVA KESHAV
49	1601-18-736-309	CHINTHALA VANAJA
50	1601-18-736-312	RAYALA SHIRISHA
51	1601-18-736-313	A VIKAS
52	1601-18-736-314	MOHAMMED ZAFAR UMAIR
53	1601-17-736-090	NAVEEN SANJEEV ASHWIN VIPPARTI
54	1601-17-736-092	NITEESH CHANDRA GANNAMANENI
55	1601-17-736-097	A RAVI

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Subject: Subject: **Indian Heritage and Culture**

Subject Code: **CBIT/21EGV05** AY 2021-22 YEAR IV SEM VII

S.N O	ROLL NUMBER	NAME
1	1601-18-738-001	MOUNIKA JATOTHU
2	1601-18-738-002	NIKITA GOPICHAND VASWANI
3	1601-18-738-003	PRATHYUSHA PASARAKONDA
4	1601-18-738-004	SAHITHYA BUSANI
5	1601-18-738-005	SAI SRAVANI MEDAM
6	1601-18-738-006	SANJANA MANDARAPU
7	1601-18-738-007	SHIVANI TIRUMALASETTI
8	1601-18-738-008	SRI LAKSHMI HARSHITHA NAMADURI
9	1601-18-738-010	AKHIL KASSI
10	1601-18-738-012	DINESH DHARAVATH
11	1601-18-738-013	GAURANG RATHI
12	1601-18-738-014	HARSHA VARDHAN GANDHAM
13	1601-18-738-015	JOEL KOMARAPU
14	1601-18-738-017	LAKSHMI NARAYANA REDDY GURRAM
15	1601-18-738-018	PRAVEEN BANAVATH
16	1601-18-738-019	PRUDHVI RAJSINGH KUKKADAPU
17	1601-18-738-020	SAI HARSHA CHITTIMOUJU
18	1601-18-738-021	SAI NIKHIL TALARI
19	1601-18-738-022	SAIAMRUTH EDUKULLA
20	1601-18-738-023	SAPTHAHARSH KOMMU
21	1601-18-738-024	SHIVA PAKALA
22	1601-18-738-025	SHIVAM V
23	1601-18-738-026	SRIKANTH BANOTH
24	1601-18-738-027	WAJID KHAN MAZIN
25	1601-18-738-301	ANTHADUPULA SHASHI KUMAR
26	1601-18-738-302	POTHIREDDY NAVADHEER SAI
27	1601-18-738-303	BATHULA AVINASH
28	1601-18-738-304	JATOTH VENU
29	1601-18-738-305	KASANI NISHANTH
30	1601-18-738-306	MOHAMMED IMRAN QADEER
31	1601-17-738-020	JILLA DINESH
32	1601-17-738-023	BALI REDDY HARI BHARATH KUMAR REDDY
33	1601-17-738-025	K JAYANTH
34	1601-17-738-026	PEDDANAGARI KALYAN KUMAR
35	1601-17-738-028	MARKA MANICHAITANYA REDDY
36	1601-17-738-029	MANVITH REDDY G
37	1601-17-738-036	THURPATI RISHIKESH
38	1601-17-738-039	RUSHYANDRA REDDY MUDIAM

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39	1601-17-738-044	BV SHASHANK
40	1601-17-738-045	PALLERLA SOURAV
41	1601-17-738-048	MANDA VENKAT NAGA SAI ROHIT REDDY
42	1601-16-738-016	D AJAY NAIDU
43	1601-16-738-034	MOHAMMED IDRIS
44	1601-16-738-055	VENKATESH D
45	1601-14-738-056	WAJAHAT ABRAR MOHAMMED

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Subject: Subject: **IndianHeritage and Culture**

Subject Code: **CBIT/21EGV05AY 2021-22 YEAR IV SEM VIII**

Total number of students: 285

VIII Sem CSE-I		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-733-001	CHAITANYA CHANGALA
2	1601-18-733-002	DEEPTHI BEGARI
3	1601-18-733-003	DHARANI DADAMONI
4	1601-18-733-004	DHARANI V
5	1601-18-733-005	GAYATHRI KANTHI LAHARI VUNDAVALLI
6	1601-18-733-006	GOURI SIRISHA KOKKIRALA
7	1601-18-733-007	GREESHMA G
8	1601-18-733-008	LAVANYA GANDLA
9	1601-18-733-009	MAHESHWARI RATHOD
10	1601-18-733-010	NAGA SHIVANI REDDY KATTA
11	1601-18-733-011	SAI ANNANYA SREE V
12	1601-18-733-012	SAI PRATHYUSHA G
13	1601-18-733-013	SAI SANJANA REDDY VATTE
14	1601-18-733-014	SANJANA SIRNAM
15	1601-18-733-015	SANJANA VARMA MUDUNURI
16	1601-18-733-016	SATHVIKA BALABHADRA
17	1601-18-733-017	SHEETAL RAO KADERI
18	1601-18-733-018	SHREYA MARAMREDDY
19	1601-18-733-019	SUDEESHNA DEVA
20	1601-18-733-020	SUKRITHA MANKALA
21	1601-18-733-021	SUPRIYA DARA
22	1601-18-733-022	SUPRIYA KALURI
23	1601-18-733-023	SUSHMA MANDADA
24	1601-18-733-024	ABDUL MUHAYMIN MOHAMMED
25	1601-18-733-025	AHMED MUZZAMMIL
26	1601-18-733-026	AKSHAY KUMAR MALATHKAR
27	1601-18-733-027	CHARAN TEJA SABBANI
28	1601-18-733-028	DHRUVRAJ VENKATESH TONDANOORTHY
29	1601-18-733-030	JANAKIRAM SHARMA K
30	1601-18-733-031	KEDARNATH RISHIT N
31	1601-18-733-032	NARSIMHA SADULA
32	1601-18-733-033	NITHIN SAI BEJGAM
33	1601-18-733-034	PHANI VARMA GADIRAJU
34	1601-18-733-035	PRAKASH MUDAVATH
35	1601-18-733-036	PRANAV VINOD KAPLE
36	1601-18-733-037	PRANEETH REDDY DENDI

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37	1601-18-733-038	RAMA KRISHNA PARJANYA VARANASI
38	1601-18-733-039	RAMA KRISHNA REDDY RELA
39	1601-18-733-040	RAVI TEJA KOLA
40	1601-18-733-041	REVANTH REDDY S
41	1601-18-733-042	ROHIT KUMAR BANDARU
42	1601-18-733-043	SAI KALYAN B
43	1601-18-733-044	SAI SHASHANTH KATROTH
44	1601-18-733-045	SAIKUMAR KALERU
45	1601-18-733-046	SANTHOSH SAI DHONDI
46	1601-18-733-047	SATHVIK THANDRA
47	1601-18-733-048	SIVA RAMA KRISHNAN V K
48	1601-18-733-049	SIVARAMA SARMA MACHAVOLU
49	1601-18-733-050	SRIDHAR SHELGE
50	1601-18-733-051	SUBRAMANI MURUGESAN
51	1601-18-733-052	TARUN KUMAR SONI
52	1601-18-733-053	VAMSHISAI PERUMANDLA
53	1601-18-733-054	VENKATA JASWANTH REDDY NAGIREDDY
54	1601-18-733-055	VENKATA SAI TEJA GADDAM
55	1601-18-733-056	VIKAS THADKAMADLA
56	1601-18-733-058	VISHAL GOUD SAKKARI
57	1601-18-733-059	YASHWANTH ARSHANAPALLY
58	1601-18-733-060	YASHWANTH J
59	1601-18-733-181	ANMOL MAINI
60	1601-18-733-182	YUVRAJ SHALLA

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Subject: Indian Heritage and Culture

Subject Code: CBIT/21EGV05 AY 2021-22 YEAR IV SEM VIII

VIII Sem CSE-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-733-061	AKHILA PATLOLLA
2	1601-18-733-062	BHAVISHYA AGARWAL
3	1601-18-733-063	HARSHITHA DENDETI
4	1601-18-733-064	JAHNAVI JONNALAGADDA
5	1601-18-733-065	KEERTHI BOYA
6	1601-18-733-066	KINISANJULA DASARI
7	1601-18-733-067	KOMALI BEERAM
8	1601-18-733-068	MANASA MOTEPALLI
9	1601-18-733-069	NAWAZ SOWDHAGAR RIZMI
10	1601-18-733-070	NEHA BHUPATHI
11	1601-18-733-071	NISHITHA GARLAPATI
12	1601-18-733-072	NIVEDITHA KALVA
13	1601-18-733-073	PALLAVI MARAGARI
14	1601-18-733-075	RAMYA PERUMANDLA
15	1601-18-733-076	SAIKEERTHANA AKELLA
16	1601-18-733-077	SAKETHA G
17	1601-18-733-078	SANYA TAHSIN MD
18	1601-18-733-079	SATVIKA REDDY G
19	1601-18-733-080	SIRI CHANDANA DESIRAJU
20	1601-18-733-081	SOUMYA VEMURI
21	1601-18-733-083	SWATHI NUNAVATH
22	1601-18-733-084	TABASSUM ASFIYA
23	1601-18-733-085	TEJASWINI J
24	1601-18-733-086	TINA K
25	1601-18-733-087	AAYUSH SHAH
26	1601-18-733-088	ABHISHEK M
27	1601-18-733-089	AHMED TARIQ
28	1601-18-733-091	AKASH REDDY JAMMULA
29	1601-18-733-092	AZIZ AHMED HUSSAIN
30	1601-18-733-093	DINESH RAYALA
31	1601-18-733-094	DURGAPRASAD REDDY GONDESI
32	1601-18-733-095	FAIZ MOHAMMED
33	1601-18-733-096	HARISH AKULA
34	1601-18-733-097	JAGRUTH KILARI
35	1601-18-733-098	JASHWANTH BHEEMAPAKA
36	1601-18-733-099	JAYANTH PINNANI
37	1601-18-733-100	JAYANTH VUNNAM
38	1601-18-733-101	KHUSH

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39	1601-18-733-102	MANIDEEP KALYANAM
40	1601-18-733-103	PAVAN KUMAR MUPPA
41	1601-18-733-105	PRANITH REDDY AMMANAA
42	1601-18-733-106	PRASHANTH CHAVANAPALLI
43	1601-18-733-107	PUSHPAK GANAGONI
44	1601-18-733-108	ROHAN GOUD POLKUMPALLY
45	1601-18-733-109	SAI KIRAN CHETTI
46	1601-18-733-110	SAI KIRAN GANDHAM
47	1601-18-733-111	SAI SANKALP SINGH TULJARAM
48	1601-18-733-112	SAI SASANK MAJETY
49	1601-18-733-113	SAIRAJ GURRAM
50	1601-18-733-114	SAKETH REDDY VOODEM
51	1601-18-733-115	SHANMUKHA MANOJ BHARADWAJ KORRAPATI
52	1601-18-733-116	SHIVANG AGGARWAL
53	1601-18-733-117	TARUN J
54	1601-18-733-118	VARSHITH SHEGGARI
55	1601-18-733-119	VENKATA AJAY KUMAR KADIYALA
56	1601-18-733-120	VENKATA SAI NIKHIL VUYYURU
57	1601-18-733-183	MALIK ARSALAN MAJID
58	1601-18-733-184	VANEET KAPOOR
59	1601-18-733-187	RUTVA KALLAMADI
60	1601-18-733-307	MOHAMMED BASHEER UDDIN

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Subject: Indian Heritage and Culture

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VII Sem CSE-3		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-733-121	AISHWARYA JAIN
2	1601-18-733-122	AISHWARYA MAMIDI
3	1601-18-733-123	AMULYA USEM
4	1601-18-733-124	ANNA FLORENCE VELUVALI
5	1601-18-733-125	ASHWITHA REDDY VENNA
6	1601-18-733-126	CHANDANA KALAPALLY
7	1601-18-733-127	DHARANI NEELAGIRI
8	1601-18-733-128	JAHNAVI GARAGA
9	1601-18-733-129	JAYA SRIHARSHITA KONETI
10	1601-18-733-130	JYOSHNA KANDI
11	1601-18-733-131	LAHARI MADISHETTY
12	1601-18-733-132	LIKITHA DAREDDY
13	1601-18-733-133	MADHURI REDDY RAVULA
14	1601-18-733-134	REECHA PULICHINTHA
15	1601-18-733-135	SANJANA L.H
16	1601-18-733-136	SANJANA REDDY K
17	1601-18-733-137	SHREYA BOINIPALLY
18	1601-18-733-138	SLESHA ADI
19	1601-18-733-139	SNIGDHA REDDY SURAM
20	1601-18-733-140	SOUMYA REDDY GADDAM
21	1601-18-733-141	SUDEEPHI TELUGU
22	1601-18-733-142	SUMALATHA R
23	1601-18-733-143	YASASWINI UMMADI
24	1601-18-733-144	AHMED ASRAR HUSSAIN P
25	1601-18-733-145	AKSHAY PANDU
26	1601-18-733-146	ANIRUDH REVALLI
27	1601-18-733-147	ARYAMAN RAO NAGENENI
28	1601-18-733-148	BARNABOSS PULI
29	1601-18-733-149	BHARATHREDDY SHYAMALA
30	1601-18-733-151	DHARMTEJA MALI
31	1601-18-733-152	HARI REMELLA
32	1601-18-733-153	HRITHIK PAWAN KAKKIRENI
33	1601-18-733-154	ILYAS KHAN MOHAMMED
34	1601-18-733-155	KESHAV NAYAK ESLAVATH
35	1601-18-733-157	LIKHITH REDDY RECHINTALA
36	1601-18-733-158	MUSTAFA SHANAWAZ MOHAMMED
37	1601-18-733-159	NAGA VENKATESH SRIPAD VAYUVEGULA
38	1601-18-733-160	NAVEEN KUMAR BEJJAM
39	1601-18-733-161	PAVAN KUMAR BARKAM

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40	1601-18-733-162	PAVAN KUMAR RAYELLA
41	1601-18-733-163	RAHUL PITTALA
42	1601-18-733-164	RANGANATH VENKATA MACHAVARAM
43	1601-18-733-165	RITHIK KOTHA
44	1601-18-733-166	ROHIT REDDY KESIREDDY
45	1601-18-733-167	SAI CHANDRA POTHURI
46	1601-18-733-168	SAI KIRAN DACHEPALLY
47	1601-18-733-169	SAI KIRAN PARIMI
48	1601-18-733-170	SAI PAVAN PANASA
49	1601-18-733-171	SAI SANJEEV KUMAR REDDY BOPPIDI
50	1601-18-733-172	SAI SHASHANK K
51	1601-18-733-173	SAI SUMANTH KORTHIWADA
52	1601-18-733-174	SHRIKAR REDDY KOTA
53	1601-18-733-175	SIDHARTH SITIMALLE
54	1601-18-733-176	SRINATH REDDY MITTAMEDHI
55	1601-18-733-177	SRIVATSAVA PERUMANDLA
56	1601-18-733-178	VIJAY DONKENA
57	1601-18-733-179	YASHWANTH REDDY THIMMAREDDY
58	1601-18-733-180	YASHWANTH REDDY VADDE
59	1601-18-733-185	PARAS PHULL
60	1601-18-733-186	ARJUN SINGH THAKUR

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VIISem ChemicalEngg.		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-802-001	JAYANTI BABYLONI
2	1601-18-802-002	KAVYA SREE VANAPALLI
3	1601-18-802-003	MANIMANYA REDDY JUKANTI VENKAT
4	1601-18-802-004	MASADE SEJAL
5	1601-18-802-005	NITYA CHERUKURI
6	1601-18-802-006	PRATHUSHA K
7	1601-18-802-007	PREMALATHA BANOTH
8	1601-18-802-008	SHIVANI CHINTALA
9	1601-18-802-009	SNEHA PULUMAMIDI
10	1601-18-802-010	SREEJA RUKMINI ADARAPURAPU
11	1601-18-802-011	SRI TANMAYEE P
12	1601-18-802-012	SWETHA GANGANABOINA
13	1601-18-802-013	VAISHNAVI BOLISHETTI
14	1601-18-802-014	ABDUL VAHEED SHAIK
15	1601-18-802-015	AJAY BHASKAR REDDY ALLA
16	1601-18-802-016	AKSHAY B
17	1601-18-802-017	ARAVIND KUMAR DARIPALLY
18	1601-18-802-018	BHANU PRAKASH MOTHUKURI
19	1601-18-802-019	BHANU TEJA THUMMA
20	1601-18-802-020	BHUSHAN GOKLANI
21	1601-18-802-021	CHARANSREEKAR AELESHWARAM
22	1601-18-802-022	CHETHAN NEMMADHI
23	1601-18-802-024	DEV A DESAI
24	1601-18-802-025	GANESH RAJU YADAV PARMALLA
25	1601-18-802-026	GANESH REDDY KONDA
26	1601-18-802-027	HARI OM JYOTHI
27	1601-18-802-029	HEMANTH SAI PINNENTI
28	1601-18-802-032	MAHESH THAMBALLA
29	1601-18-802-033	MANAS MANDAPATI
30	1601-18-802-034	MANOJ KUMAR MOGULOJU
31	1601-18-802-035	NAGA VENKATA GANESH JANGALA
32	1601-18-802-036	NARAYANA DASARI
33	1601-18-802-037	NOORULLAH SHAREEF MOHAMMAD
34	1601-18-802-038	PRASANNA KUMAR GANAPARTHI V S
35	1601-18-802-039	RAVI ARVIND KALAMBUR
36	1601-18-802-040	RUPAK NALLAGUNDLA
37	1601-18-802-041	SAI DHANUSH ADEPU

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38	1601-18-802-042	SAI KRITHIK REDDY SUDAY
39	1601-18-802-043	SAI ROHITH SEEMAKURTHY
40	1601-18-802-044	SAYEED SHAIK
41	1601-18-802-046	SUGEET GUTTINA V S
42	1601-18-802-047	UPENDHAR PAKALAPATI
43	1601-18-802-048	YASHASH J
44	1601-18-802-301	GUJJARI GEETHIKA
45	1601-18-802-303	INDUKURI PRANEETH VARMA
46	1601-17-802-033	DODDI NAGA VAMSHI KRISHNA
47	1601-17-802-036	CHARKA RAJESH
48	1601-17-802-045	BORA SNEHITHI
49	1601-17-802-048	UZAIR PATEL
50	1601-17-802-303	MASHAALLAH KHAN
51	1601-16-802-019	M AJAY KUMAR
52	1601-16-802-028	KARTHIK CHANDRA A
53	1601-16-802-040	SAHAJ D
54	1601-16-802-041	SAI GAUTHAM REDDY A
55	1601-16-802-048	SYED IMAD ABDUL MUJEEB

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Subject: Indian Heritage and Culture

Subject Code: CBIT/21EGV05 AY 2021-22 YEAR IV SEM VIII

VIII Sem Biotechnology		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-805-001	AISHWARYA PALVAI
2	1601-18-805-002	ALISHA CHUNDURI
3	1601-18-805-003	ANJANA SRIJA KUDUMULA
4	1601-18-805-005	DEEPIKA N
5	1601-18-805-006	GEETHIKALAL VADAKAVILA
6	1601-18-805-007	HARINI GOPALA
7	1601-18-805-008	HIMAVARSHINI P
8	1601-18-805-009	JAHANAVI M
9	1601-18-805-010	JAHNAVI AVADHANULA
10	1601-18-805-011	JEHAN SIDDIQUI ANUM
11	1601-18-805-012	KAVYAGOPIKA YAMINI CHENNUPALLI
12	1601-18-805-013	KIRANMAI DORNALA
13	1601-18-805-014	KRISHNA PRIYA VENNAMANENI
14	1601-18-805-015	LAKSHMI SRI RAMYA PIDUGU
15	1601-18-805-016	MEGHANA REDDY DROPATHI
16	1601-18-805-017	NAINIKA CHADA
17	1601-18-805-018	NIVEDITHA D
18	1601-18-805-019	PALLAVI TELU
19	1601-18-805-020	PRAGNYA SAIPRIYA MUNISETTI
20	1601-18-805-021	RAMYA YENDURI
21	1601-18-805-022	RITHIKA G
22	1601-18-805-023	SAIMANASA KALYANAM
23	1601-18-805-024	SANTHOSHINI HAZARI
24	1601-18-805-025	SOWMYA GOLLA
25	1601-18-805-026	SUCHETA RAJARAMAN
26	1601-18-805-027	SWARNA LEKHYA YARLAGADDA
27	1601-18-805-028	TEJASWINI REDDY MEDAGAM
28	1601-18-805-029	USHASWINI SUNKARA
29	1601-18-805-030	UZMA TABASSUM
30	1601-18-805-031	VISHWANUTHA SHAMSHABAD
31	1601-18-805-032	YAMINI ARLIBANDI
32	1601-18-805-033	ALAM SAHZAD
33	1601-18-805-034	DEEPAK MOHAN REDDY S
34	1601-18-805-035	DHANISH DAAMAN RAU JALIGAMA
35	1601-18-805-036	LAKSHMAYYA N S V
36	1601-18-805-037	Mohith Reddy Arikatla
37	1601-18-805-038	RAGHU SAINATH REDDY G
38	1601-18-805-039	SAI KIRAN KADARLA

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39	1601-18-805-040	SAI VAMSI ERRA
40	1601-18-805-041	SAMIR MEHDI
41	1601-18-805-042	SOURAB MASHETTY
42	1601-18-805-043	VIJAY BHARGAV MALISETTY
43	1601-17-805-008	MADHULIKA K.
44	1601-17-805-031	SRI RAMYA CHANDRIKI
45	1601-16-805-025	SANIA MASARRATH
46	1601-17-805-007	DASI HARSHINI
47	1601-17-805-013	NISHITHA SAI TADIBOYINA
48	1601-17-805-020	AMANAGANTI ROHA REDDY
49	1601-17-805-024	RAYABANDI SANJANA
50	1601-17-805-040	AKHIL JILLELLA

F. N. J. Ali

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18ME C09

PRINCIPLES OF MANAGEMENT

Instruction	3 L Hours per Week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Course Objectives:

To make the students to

1. Understand basic fundamentals and insights of management
2. Understand the nature and purpose of planning
3. Gain the knowledge about the frame work of organizing
4. Understand the essence and significance of directing
5. Recognize the importance of controlling and its outcomes

Course Outcomes:

At the end of the course, student will be able to understand

1. Identify and evaluate the principles of management
2. Demonstrate the ability to have an effective and realistic planning
3. Identify the nature and the type of organization
4. Apply the tools and techniques of directing
5. Explain and evaluate the necessity for controlling and further refinement of an organization.

UNIT - I

Management: Definition of management, science or art, manager vs entrepreneur; managerial roles and skills; Evolution of management, Basic management theories by FW Taylor, Henry Fayol, Types of Business Organizations, sole proprietorship, partnership, company, public and private enterprises; Organization culture and environment; Current trends and issues in management

UNIT - II

Planning: Nature and purpose of Planning, types of Planning, objectives, setting objectives, policies, Strategic Management, Planning Tools and Techniques, Planning plant location and layout, Decision making steps & processes.

UNIT - III

Organizing: Nature and purpose of Organizing, formal and informal organization, organization structure, types, line and staff authority, departmentalization, delegation of authority, centralization and decentralization, job design, human resource management, HR planning, Recruitment selection, Training & Development, Performance Management, Career planning and Management

UNIT - IV

Directing: Individual and group behavior, motivation, motivation theories, motivational techniques, job satisfaction, job enrichment, leadership, types & theories of leadership, effective communication.

UNIT - V

Controlling: system and process of controlling, budgetary and non-budgetary control techniques, use of computers and IT in management control, productivity problems and management, control and performance, direct and preventive control, reporting.

Text Books:

1. S.P. Robins and M. Couiter, "Management", 10th Edition, Prentice Hall India, 2009.
2. JAF Stoner, RE Freeman and DR Gilbert, "Management", 6/e., Pearson Education, 2004.

Suggested Reading:

1. P.C. Tripathy & P.N. Reddy, "Principles of Management", Tata McGraw Hill, 1999
2. Harold Koontz and Cyril O'Donnell "Principles of Management", Tata McGraw Hill, 2017

Number of Students Enrolled: 199

Number of students completing course: 196

S. No	Roll No	Name of the Student Completing the course
-------	---------	--

1.	160118735027	PALALA CHANDRA TEJA VARMA
2.	160118735037	MUSKULA RAHUL
3.	160118735048	GUDIMALLA SOMASHEKHAR
4.	160119735001	SANGARSU AKSHITHA
5.	160119735002	MUDIMADUGULA BHAVANA
6.	160119735003	MEDAVARAPU CHIDRUPI
7.	160119735004	DASARI ESHA VAISHNAVI
8.	160119735005	DASA HARIKA
9.	160119735006	CHINTHALAPELLI HARSHITHA
10.	160119735007	KARVEDA HIMAJA
11.	160119735008	KOLIPAKULA JAYASREE
12.	160119735009	GUDURU LASYA
13.	160119735010	MOVVA LAXMI SHIVANI
14.	160119735011	PASHAM MOUNIKA
15.	160119735012	NAKKA NAGA GEETHA KRISHNA
16.	160119735013	CHITYALA NIKHILA
17.	160119735014	CHENNA PAVANI
18.	160119735015	SUNKU PRAHASITA
19.	160119735016	GOLLA RACHEL SHANTHI
20.	160119735017	CHALLA RAMYA
21.	160119735018	RUCHIRA BODULA
22.	160119735019	GUNTHA SAHITHI
23.	160119735020	BALASETTY SAI KEERTHANA
24.	160119735021	GUNDLA SAMYUKTHA
25.	160119735022	PULIGILLA SANJANA RAO

26.	160119735023	KODURU SHRAVANI
27.	160119735024	GOVERARRAM SOUMYA
28.	160119735025	KARYAMPUDI SRAVYA
29.	160119735026	SINGARAJ SRUTHI
30.	160119735027	GURRAM BOOSHAN RAJ
31.	160119735028	BYREDDY GNANADATHA REDDY
32.	160119735029	IPPILI HEMANTH SAI MANIKANTA
33.	160119735030	ADDAGADA KIREETI
34.	160119735031	CHENNOJU MADHU
35.	160119735032	CHITNENI MANIDEEPAK RAO
36.	160119735033	BODULA MANOJ KUMAR
37.	160119735034	DURGAM PRASHANTH
38.	160119735035	PRATHAM M
39.	160119735036	SAAHIL SINGH BONDILI
40.	160119735037	A SAI KALYAN
41.	160119735038	PALAKURLA SAI KIRAN
42.	160119735039	S SAI PRADEEP
43.	160119735040	AKULA SAI VAMSHI
44.	160119735041	GANISSETTI SATYA SAI EESHWAR GANESH
45.	160119735042	KOPPULA SESA SAYANA REDDY
46.	160119735043	GUNDAMEEDI SHIVA TEJA
47.	160119735044	PAMULAPATI SRINIVAS REDDY
48.	160119735045	SYED RAMEEZUDDIN
49.	160119735046	KAMMARI TEJA
50.	160119735047	GAJJI UDAY KIRAN

51.	160119735048	NAREGUDEM VAMSHIDHAR REDDY
52.	160119735049	CHENNAREDDY VAMSI KRISHNA
53.	160119735050	NERETI VAMSI VARDHAN
54.	160119735051	SIDDABATTUNI VASUDEVA AAYUSH
55.	160119735052	VUSIRIKAYALA VENKATA MANOHARA TEJA
56.	160119735053	SARVEPALLI VENKATADRI BABU
57.	160119735054	KUPPILI VENKATANAGA SAIDHIRAJ
58.	160119735055	POKA VENKATESH
59.	160119735056	PILLA VIJAY KUMAR
60.	160119735057	NENAVATH VINOD KUMAR
61.	160119735058	HRIDWIN VISHAAL
62.	160119735059	ALAKUNTLA VISHNU
63.	160119735060	DUBASI YASHASSU
64.	160119735181	RASHID MASOOD
65.	160119735301	CHAKILAM SUPRIYA
66.	160119735302	PABBATHI PALLAVI
67.	160119735303	K SAI PRAKASH
68.	160119735304	K LATHASRI
69.	160119735305	SUDHEER KUMAR PABBATHI
70.	160119735306	KUMMARI POOJITHA
71.	160119735061	ENJAMOORI AKSHAYA
72.	160119735063	J ANKITHA
73.	160119735064	LINGA ANUHYA
74.	160119735065	AYESHA NELOFER
75.	160119735066	JHAKKANI BHARGAVI

76.	160119735067	NAINI GOWRI
77.	160119735068	BANDARI HARSHITHA
78.	160119735069	N HASIKA
79.	160119735070	SADULA JAGRUTHIE
80.	160119735071	DUDDULA MADHURI
81.	160119735072	KOPPADI NISHA RANI
82.	160119735073	BANAVATH NOMITHA
83.	160119735074	TOGIRI POOJA
84.	160119735075	PERUMALLA ROSHITHA
85.	160119735076	SANJANA VIJAYAN
86.	160119735077	NAGELLI SATHVIKA
87.	160119735078	M V SHARANYA
88.	160119735079	POLU SHISHIRA
89.	160119735080	GADDALA SNEHA
90.	160119735081	PICHIKA VARSHA
91.	160119735082	POLAVARAPU YASASWINI
92.	160119735083	KONERU AAKASH
93.	160119735084	ADITYA VARDHAN BANDIKE
94.	160119735085	DANDA AKASH REDDY
95.	160119735086	VODNALA ARAVIND RAO
96.	160119735087	JONNADULA CHAITANYA SAI SRI KRISHNA
97.	160119735088	CHANDNANI GULSHAN
98.	160119735089	CHANGALA DHRUV
99.	160119735090	GANGIREDDYGARI DINESH REDDY
100.	160119735091	CHILAKALA HRISHIKESH REDDY

101.	160119735092	PALLE KAMALESH
102.	160119735093	GUDIPUDI KEDARESHWAR
103.	160119735094	NUNNA KETHAN SAI
104.	160119735095	KRISHNA SARDA
105.	160119735096	VENNELA MANOJ KUMAR
106.	160119735097	NANDIPATI NAGIREDDY
107.	160119735098	BUSSA PAVAN KUMAR REDDY
108.	160119735099	S PRITHVI SANDEEP
109.	160119735100	KOPPISETTI RAJIV
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114.	160119735105	SHAIK SAMI
115.	160119735106	G SHASHI YADAV
116.	160119735107	THODUPUNURI SRIKAR
117.	160119735108	SAGIRAJU SRIRAM SAI KRISHNAMRAJU
118.	160119735109	JASTI SRIVATSAV
119.	160119735110	N SRUJAN
120.	160119735111	YERRAMSETTI SURAAJ
121.	160119735112	KASULA TARUN
122.	160119735115	LUKALAPU TUSHAR NAIDU
123.	160119735116	NAIDU VENKATA AKHILESH KUMAR
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153.	160119735141	ENUGURTHY DARPAN REDDY
154.	160119735142	RAMINI ESHWAR CHANDRA
155.	160119735143	GULLA GOWTHAM
156.	160119735144	M GUNA SATYARTH
157.	160119735145	NALUMASU HARIKRISHNA
158.	160119735146	KALICHETI JAYADEEP REDDY
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165.	160119735153	VELPULA MONIK BUDH
166.	160119735154	SHAIK MUJAHID
167.	160119735155	SANKURI NAGAASRITH
168.	160119735156	KURELLA NAVEEN
169.	160119735157	DOMAKONDA NISHANTH
170.	160119735158	PONUGUPATI NITIN
171.	160119735159	MALE PAVAN KUMAR REDDY
172.	160119735160	MUCHANAPALLY PRAMOD VARDHAN
173.	160119735161	BAJAR PRAVEEN
174.	160119735162	SOMAVARAPU PURNA PRANITH SAI

175.	160119735163	RIBHU BHATTA CHARYA
176.	160119735164	ROUTHU RISHIK
177.	160119735165	KATRAVATH ROHAN RATHOD
178.	160119735166	SAI ADITHYA TIRUKKOLLURU
179.	160119735167	SAI BHARADWAJ V S MUNJULURU
180.	160119735168	K SAI KUMAR REDDY
181.	160119735169	VISLAVATH SAI KUMAR
182.	160119735170	VEMPATI SAI SIDDARTH
183.	160119735172	JOSHI SAKETH KUMAR
184.	160119735173	SAKETH RAGHAV KANDURI
185.	160119735174	SANDEEP NAGAM
186.	160119735175	AKULA SARAN MANI KUMAR
187.	160119735176	NALLACHERU SUDEEP
188.	160119735178	VARUN V
189.	160119735179	NANDIKOLLA VENKATA SAI CHARAN
190.	160119735180	PALADUGU VENKATA SAI CHARAN
191.	160119735313	GADDAM LIKHITHESHWAR
192.	160119735314	DADE KARTHIK
193.	160119735315	BILLA BHANU
194.	160119735316	MANCHALA SANJANA
195.	160119735317	KANDHI KEERTHI
196.	160119735318	SHAIK RUKSANA

18CS 005

FUNDAMENTALS OF VIRTUAL REALITY

(Open Elective-I)

Instruction	3 L Hours per week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Course Objectives:

- This course aims to:
1. To introduce hardware and software components of virtual reality.
 2. To provide knowledge about geometry of virtual worlds.
 3. To understand visual physiology, perception and audio in VR.
 4. To study the applications of VR in various domains like military and robotics.

Course Outcomes:

Upon completion of this course, the student will be able to:

1. Define Virtual Reality and describe the components of a VR system
2. Apply geometric modeling and transformation techniques to model real world scenarios
3. Use visual physiology, visual perception and audio for developing interfaces
4. Analyse tracking and rendering for building VR systems
5. Evaluate virtual reality systems for usability
6. Illustrate the applications of VR systems in Medical, Military and Robotics domains

UNIT - I

Introduction: The three I's of virtual reality, commercial VR technology and the five classic components of a VR system. Input Devices: Trackers, Navigation and Gesture Interfaces: Three-dimensional position trackers, navigation and manipulation, interfaces and gesture interfaces.

Output Devices: Graphics displays, sound displays and haptic feedback.

UNIT - II

Geometry of Virtual Worlds: Geometric modeling, transforming models, Matrix algebra and 2D rotations, 3D rotations and yaw, pitch, and roll, Axis-angle representations, Quaternions, Converting and multiplying rotations, Homogeneous transforms, The chain of viewing transforms, Eye transforms, Canonical view transform, Viewport transform.

UNIT - III

Light and Optics: Three interpretations of light, Refraction, Simple lenses, Diopters, Imaging properties of lenses, Lens aberrations, Optical system of eyes.

Visual Physiology: Photoreceptors, Sufficient resolution for VR, Light intensity, Eye movements, Eye movement issues for VR, Neuroscience of vision,

Visual Perception: Depth perception, Motion perception, Frame rates and displays.

UNIT - IV

Tracking Systems: Overview, Orientation tracking, Tilt drift correction, Yaw drift correction, Tracking with a camera, Perspective n-point problem, Filtering, Lighthouse approach

Visual Rendering: Overview, Shading models, Rasterization, Pixel shading, VR-specific problems, Distortion shading, Post-rendering image warp.

UNIT – V

Audio: Physics and physiology, Auditory perception, Auditory localization, Rendering, Spatialization and display, Combining other senses.

Interfaces: overview, Locomotion, Manipulation, System control, Social interaction, Evaluation of VR Systems.

Applications: Medical, Military, Robotics.

Text Books:

1. John Vince, “Virtual Reality Systems”, Pearson Education Asia, 2007
2. Anand R., “Augmented and Virtual Reality”, Khanna Publishing House, Delhi.

Suggested Reading:

1. George Mather, Foundations of Sensation and Perception: Psychology Press; 2nd edition, 2009.

2. Peter Shirley, Michael Ashikhmin, and Steve Marschner, Fundamentals of Computer Graphics, A K Peters/CRC Press; 3rd edition, 2009.

3. K. S. Hale and K. M. Stanney, Handbook on Virtual Environments, 2nd edition, CRC Press, 2015.

Online Resources:

1. <http://msl.cs.uiuc.edu/vr/>

2. <https://nptel.ac.in/courses/106106139/>

Number of Students Enrolled: 39

Number of students completing course: 39

S. No	Roll No	Name of the Student Completing the course
1.	160118735027	PALALA CHANDRA TEJA VARMA
2.	160118735037	MUSKULA RAHUL
3.	160118735048	GUDIMALLA SOMASHEKHAR
4.	160119735001	SANGARSU AKSHITHA
5.	160119735002	MUDIMADUGULA BHAVANA
6.	160119735003	MEDAVARAPU CHIDRUPI
7.	160119735004	DASARI ESHA VAISHNAVI
8.	160119735005	DASA HARIKA
9.	160119735006	CHINTHALAPELLI HARSHITHA
10.	160119735007	KARVEDA HIMAJA
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13.	160119735010	MOVVA LAXMI SHIVANI
14.	160119735011	PASHAM MOUNIKA

15.	160119735012	NAKKA NAGA GEETHA KRISHNA
16.	160119735013	CHITYALA NIKHILA
17.	160119735014	CHENNA PAVANI
18.	160119735015	SUNKU PRAHASITA
19.	160119735016	GOLLA RACHEL SHANTHI
20.	160119735017	CHALLA RAMYA
21.	160119735018	RUCHIRA BODULA
22.	160119735019	GUNTHA SAHITHI
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24.	160119735021	GUNDLA SAMYUKTHA
25.	160119735022	PULIGILLA SANJANA RAO
26.	160119735023	KODURU SHRAVANI
27.	160119735024	GOVERARRAM SOUMYA
28.	160119735025	KARYAMPUDI SRAVYA
29.	160119735026	SINGARAJ SRUTHI
30.	160119735027	GURRAM BOOSHAN RAJ
31.	160119735028	BYREDDY GNANADATHA REDDY
32.	160119735029	IPPILI HEMANTH SAI MANIKANTA
33.	160119735030	ADDAGADA KIREETI
34.	160119735031	CHENNOJU MADHU
35.	160119735032	CHITNENI MANIDEPAK RAO
36.	160119735033	BODULA MANOJ KUMAR
37.	160119735034	DURGAM PRASHANTH
38.	160119735035	PRATHAM M
39.	160119735036	SAAHIL SINGH BONDILI

18ITO01

OBJECT ORIENTED PROGRAMMING USING JAVA

(Open Elective-I)

Instruction	3 L Hours per week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Course Objectives:

This course aims to:

1. To familiarize with fundamentals of object-oriented programming paradigm.
2. To impart the knowledge of string handling, interfaces, packages and inner classes.
3. To facilitate learning Exception handling and Multithreading mechanisms.
4. To gain knowledge on collection framework, stream classes.
5. To familiarize with event driven GUI programming and Database connectivity.

Course Outcomes:

Upon completing this course, students will be able to:

1. Understand the concepts of Object-Oriented Programming and class concept in Java.
2. Apply concepts of OOP such as Inheritance, Interfaces, Packages and Inner classes.
3. Handle exceptions and demonstrate the concepts of Multithreading and Generic classes.
4. Develop programs using Java Collection API and Stream classes.
5. Design and Develop GUI applications with JDBC.

UNIT-I

OOP concepts: Data abstraction, encapsulation, inheritance, benefits of inheritance, polymorphism, classes and objects, Procedural and object-oriented programming paradigms.

Introduction to Java: Java's Magic: The Byte code, The Java Buzzwords, Simple Java Programs, Java Primitive Types, Arrays: How to create and define arrays, Basic Operators, Control statements.

Introducing Classes: Declaring objects, methods, Constructors, this keyword, Method Overloading and Constructor Overloading, Objects as parameters, Returning objects, Use of static and final keywords.

UNIT-II

Inheritance: super and subclasses, Member access rules, super keyword, Method overriding, Dynamic method dispatch, Abstract classes, using final with inheritance, Introduction to Object class.

Packages: Defining, Creating and Accessing a Package, Understanding CLASSPATH, importing packages.

Interfaces: Defining and implementing interfaces, Nested Interfaces.

Strings Handling: String & String Buffer classes, String Tokenizer class and Wrapper classes and conversion between Objects and primitives.

Inner classes in Java: Types of inner classes, Creating static / non-static inner classes, Local and anonymous inner classes.

UNIT-III

Exception Handling in Java: what are Exceptions? Exception types, Usage of try, catch, throw, throws and finally clauses, writing your own exception classes.

Multi-threading in Java: The java Thread Model, How to create threads, Thread class in java, Thread priorities, Thread synchronization.

Generics: What are Generics? Generic classes, bounded types, Generic methods and interfaces.

UNIT-IV

Collections Framework: Overview of Collection Framework, commonly used Collection classes – ArrayList, LinkedList, HashSet, Linked HashSet, TreeSet, Collection Interfaces –Collection, List, Set, SortedSet, accessing a collection via an Iteration, storing user-defined classes in collections, Map Interfaces and Classes, Using a comparator. Legacy classes – Vector, Hash table, The Enumeration interface.

Input/Output: How to read user input (from keyboard) using scanner class, Stream classes, InputStream, OutputStream, FileInputStream, FileOutputStream, Reader and Writer, FileReader, FileWriter classes. File class.

UNIT-V

GUI Design and Event Handling: Component, Container, window, Frame classes. Working with Frame window GUI Controls, Layout Managers, Introduction to Swings, Delegation Event Model, Event Classes, Source of Events, Event Listener Interfaces, Handling button click events, Adapter classes. Writing GUI Based applications.

Database Handling in Java: Java Database Connectivity (JDBC) using MySQL.

Text Books:

1. Herbert Schildt, "Java: The Complete Reference", 8th Edition, Tata McGraw Hill Publications, 2011.
2. Cay S. Horstmann, Gary Cornell, "Core Java, Volume I, Fundamentals", 8th Edition, Prentice Hall, 2008.

Suggested Reading:

1. Sachin Malhotra & Saurabh Choudhary, "Programming in Java", 2nd Edition, Oxford University Press, 2014.
2. C. Thomas Wu, "An introduction to Object-oriented programming with Java", 4th Edition, Tata McGraw-Hill Publishing company Ltd., 2010.
3. Kathy Sierra, Bert Bates, "Head First Java: A Brain-Friendly Guide" 2nd Edition, O'Reilly, 2005

Web Resources: 1. https://www.cse.iitb.ac.in/~nlp-ai/javalect_august2004.html. 2. <http://nptel.ac.in/courses/106106147/> 3. <https://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-092-introduction-to-programming-in-java-january-iap-2010/lecture-notes/>

Number of Students Enrolled: 151

Number of students completing course: 141

S. No	Roll No	Name of the Student Completing the course
1.	160118735027	PALALA CHANDRA TEJA VARMA
2.	160118735037	MUSKULA RAHUL

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36.	160119735035	PRATHAM M
37.	160119735036	SAAHIL SINGH BONDILI
38.	160119735037	A SAI KALYAN
39.	160119735038	PALAKURLA SAI KIRAN
40.	160119735039	S SAI PRADEEP
41.	160119735040	AKULA SAI VAMSHI
42.	160119735041	GANISETTI SATYA SAI EESHWAR GANESH
43.	160119735042	KOPPULA SESA SAYANA REDDY
44.	160119735043	GUNDAMEEDI SHIVA TEJA
45.	160119735044	PAMULAPATI SRINIVAS REDDY
46.	160119735045	SYED RAMEEZUDDIN
47.	160119735046	KAMMARI TEJA
48.	160119735047	GAJJI UDAY KIRAN
49.	160119735048	NAREGUDEM VAMSHIDHAR REDDY
50.	160119735049	CHENNAREDDY VAMSI KRISHNA
51.	160119735302	PABBATHI PALLAVI
52.	160119735303	K SAI PRAKASH

53.	160119735304	K LATHASRI
54.	160119735305	SUDHEER KUMAR PABBATHI
55.	160119735306	KUMMARI POOJITHA
56.	160119735061	ENJAMOORI AKSHAYA
57.	160119735063	J ANKITHA
58.	160119735064	LINGA ANUHYA
59.	160119735065	AYESHA NELOFER
60.	160119735066	JHAKKANI BHARGAVI
61.	160119735067	NAINI GOWRI
62.	160119735068	BANDARI HARSHITHA
63.	160119735069	N HASIKA
64.	160119735070	SADULA JAGRUTHIE
65.	160119735071	DUDDULA MADHURI
66.	160119735078	M V SHARANYA
67.	160119735079	POLU SHISHIRA
68.	160119735080	GADDALA SNEHA
69.	160119735081	PICHIKA VARSHA
70.	160119735082	POLAVARAPU YASASWINI
71.	160119735083	KONERU AAKASH
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139.	160119735316	MANCHALA SANJANA
140.	160119735317	KANDHI KEERTHI
141.	160119735318	SHAIK RUKSANA

18MT 004

QUANTUM COMPUTING
(Open Elective-I)

Instruction	3 L Hours per week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Prerequisite: Knowledge of Number theory and cryptography

Course Objectives:

This course aims to:

1. To translate fluently between the major mathematical representations and its quantum operations,
2. To implement' basic quantum algorithms
3. To explain quantum decoherence in systems for computation
4. To discuss the physical basis of uniquely quantum phenomena.

Course Outcomes:

Upon completion of this course, the student will be able to:

1. Identify the working of a Quantum Computing Program, its architecture and program model.
2. Compute basic mathematical operations.
3. Demonstrate quantum logic gate circuits.
4. Develop quantum algorithm.
5. Appraise quantum algorithm on major toolkits

UNIT-I

Introduction to Quantum Computing:

Motivation for Studying Quantum Computing, Major players in the industry (IBM, Microsoft, Rigetti, D-Wave etc), Origin of Quantum Computing, Overview of major concepts in Quantum Computing (Qubits and multi-qubits states, Bra-ket notation, Bloch Sphere representation, Quantum Superposition, Quantum Entanglement)

UNIT-II

Math Foundation for Quantum Computing:

Matrix Algebra: Basis vectors and orthogonality, inner product and Hilbert spaces, matrices and tensors, unitary operators and projectors, Dirac notation, Eigen values and Eigen Vectors.

UNIT-III

Building Blocks for Quantum Program:

Architecture of a Quantum Computing Platform, Details of q-bit system of information representation (Block Sphere, Multi-qubits States, Quantum superposition of qubits (valid and invalid superposition), Quantum Entanglement, Useful states from Quantum algorithmic perceptive e.g.Bell State,

UNIT-IV

Quantum Logic Gates and Circuits:

Quantum Logic gates and Circuit: Pauli, Hadamard, Phase shift, controlled gates, ising, Deutsch,Swap etc.), Programming model for a Quantum Computing program (Steps performed

on classical computer, steps performed on Quantum Computer, Moving data between bits and qubits)

UNIT-V

Quantum Algorithms:

Basic techniques exploited by quantum algorithms (Amplitude amplification, Quantum Fourier Transform, Phase Kick-back, Quantum Phase estimation, Quantum walks), Major Algorithms (Shor's Algorithm, Grover's Algorithm, Deutsch's Algorithm, Deutsch-Jozsa Algorithm), OSS Toolkits for implementing Quantum program (IBM quantum experience, Microsoft Q, RigettiPyQuil (QPU/QVM))

Text Books:

1. Michael A.Nielsen, "Quantum Computation and Quantum Information", Cambridge University Press.
2. David McMahon, "Quantum Computing Explained", Wiley

Number of Students Enrolled: 9

Number of students completing course: 9

S. No	Roll No	Name of the Student Completing the course
1.	160118735027	PALALA CHANDRA TEJA VARMA
2.	160118735037	MUSKULA RAHUL
3.	160118735048	GUDIMALLA SOMASHEKHAR
4.	160119735001	SANGARSU AKSHITHA
5.	160119735002	MUDIMADUGULA BHAVANA
6.	160119735003	MEDAVARAPU CHIDRUPI
7.	160119735004	DASARI ESHA VAISHNAVI
8.	160119735005	DASA HARIKA
9.	160119735006	CHINTHALAPELLI HARSHITHA

18MB C01

ENGINEERING ECONOMICS AND ACCOUNTANCY

Instruction	3 L Hours per week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Course Objectives:

This course aims to:

1. To demonstrate the importance of Managerial Economics in Decision Making.
2. To explain the concept of Accountancy and provide basic knowledge on preparation of Final accounts.
3. To understand the importance of Project Evaluation in achieving a firm's Objective.

Course Outcomes:

After completion of the course, student will be able to:

1. Apply fundamental knowledge of Managerial Economics concepts and tools.
2. Analyze various aspects of Demand Analysis, Supply and Demand Forecasting.
3. Understand Production and Cost relationships to make best use of resources available.
4. Apply Accountancy Concepts and Conventions and preparation of Final Accounts.
5. Evaluate Capital and Capital Budgeting decision based on any technique.

Unit-I

Introduction to Managerial Economics

Introduction to Economics and its evolution - Managerial Economics - its Nature and Scope, Importance; Relationship with other Subjects. Its usefulness to Engineers; Basic concepts of Managerial economics - Incremental, Time perspective, Discounting Principle, Opportunity Cost, Equimarginal Principle, Contribution, Negotiation Principle.

Unit-II

Demand and Supply Analysis

Demand Analysis - Concept of Demand, Determinants, Law of demand - Assumptions and Exceptions; Elasticity of demand - Price, Income and Cross elasticity - simple numerical problems; Concept of Supply - Determinants of Supply, Law of Supply; Demand Forecasting - Methods.

Unit-III

Production and Cost Analysis Theory of Production - Production function - Isoquants and Isocosts, MRTS, Input-Output Relations; Laws of returns; Internal and External Economies of Scale.

Cost Analysis: Cost concepts – Types of Costs, Cost-Output Relationship – Short Run and Long Run; Market structures – Types of Competition, Features, Price Output Determination under Perfect Competition, Monopoly and Monopolistic Competition; Break-even Analysis – Concepts, Assumptions, Limitations, Numerical problems.

Unit-IV

Accountancy Book-keeping, Principles and Significance of Double Entry Book Keeping, Accounting Concepts and Conventions, Accounting Cycle, Journalization, Subsidiary books, Ledger accounts, Trial Balance concept and preparation of Final Accounts with simple adjustments. Ratio Analysis.

Unit-V Capital and Capital Budgeting: Capital and its Significance, Types of Capital, Estimation of Fixed and Working capital requirements, Methods and sources of raising finance. Capital Budgeting, Methods: Traditional and Discounted Cash Flow Methods - Numerical problems.

Essential Readings:

1. Mehta P.L., "Managerial Economics: Analysis, Problems and Cases", Sultan Chand & Son's Educational publishers, 2016.
2. Maheswari S.N. "Introduction to Accountancy", Vikas Publishing House, 11th Edition, 2013.
3. Panday I.M. "Financial Management", 11th edition, Vikas Publishing House, 2015.
4. Varshney and K L Maheswari, Managerial Economics, Sultan Chand, 2014.
5. M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, Prentice Hall of India Pvt Ltd, 2007.
6. A. R. Aryasri, Managerial Economics and Financial Analysis, McGraw-Hill, 2013.

Number of Students Enrolled: 195

Number of students completing course: 194

S. No	Roll No	Name of the Student Completing the course
1.	160118735027	PALALA CHANDRA TEJA VARMA
2.	160118735037	MUSKULA RAHUL
3.	160118735048	GUDIMALLA SOMASHEKHAR
4.	160119735001	SANGARSU AKSHITHA
5.	160119735002	MUDIMADUGULA BHAVANA
6.	160119735003	MEDAVARAPU CHIDRUPI
7.	160119735004	DASARI ESHA VAISHNAVI
8.	160119735005	DASA HARIKA
9.	160119735006	CHINTHALAPELLI HARSHITHA
10.	160119735007	KARVEDA HIMAJA

11.	160119735008	KOLIPAKULA JAYASREE
12.	160119735009	GUDURU LASYA
13.	160119735010	MOVVA LAXMI SHIVANI
14.	160119735011	PASHAM MOUNIKA
15.	160119735012	NAKKA NAGA GEETHA KRISHNA
16.	160119735013	CHITYALA NIKHILA
17.	160119735014	CHENNA PAVANI
18.	160119735015	SUNKU PRAHASITA
19.	160119735016	GOLLA RACHEL SHANTHI
20.	160119735017	CHALLA RAMYA
21.	160119735018	RUCHIRA BODULA
22.	160119735019	GUNTHA SAHITHI
23.	160119735020	BALASETTY SAI KEERTHANA
24.	160119735021	GUNDLA SAMYUKTHA
25.	160119735022	PULIGILLA SANJANA RAO
26.	160119735023	KODURU SHRAVANI
27.	160119735024	GOVERARRAM SOUMYA
28.	160119735025	KARYAMPUDI SRAVYA
29.	160119735026	SINGARAJ SRUTHI
30.	160119735027	GURRAM BOOSHAN RAJ
31.	160119735028	BYREDDY GNANADATHA REDDY
32.	160119735029	IPPILI HEMANTH SAI MANIKANTA
33.	160119735030	ADDAGADA KIREETI
34.	160119735031	CHENNOJU MADHU
35.	160119735032	CHITNENI MANIDEEPAK RAO

36.	160119735033	BODULA MANOJ KUMAR
37.	160119735034	DURGAM PRASHANTH
38.	160119735035	PRATHAM M
39.	160119735036	SAAHIL SINGH BONDILI
40.	160119735037	A SAI KALYAN
41.	160119735038	PALAKURLA SAI KIRAN
42.	160119735039	S SAI PRADEEP
43.	160119735040	AKULA SAI VAMSHI
44.	160119735041	GANISETTI SATYA SAI EESHWAR GANESH
45.	160119735042	KOPPULA SESA SAYANA REDDY
46.	160119735043	GUNDAMEEDI SHIVA TEJA
47.	160119735044	PAMULAPATI SRINIVAS REDDY
48.	160119735045	SYED RAMEEZUDDIN
49.	160119735046	KAMMARI TEJA
50.	160119735047	GAJJI UDAY KIRAN
51.	160119735048	NAREGUDEM VAMSHIDHAR REDDY
52.	160119735049	CHENNAREDDY VAMSI KRISHNA
53.	160119735050	NERETI VAMSI VARDHAN
54.	160119735051	SIDDABATTUNI VASUDEVA AAYUSH
55.	160119735052	VUSIRIKAYALA VENKATA MANOHARA TEJA
56.	160119735053	SARVEPALLI VENKATADRI BABU
57.	160119735054	KUPPILI VENKATANAGA SAIDHIRAJ
58.	160119735055	POKA VENKATESH
59.	160119735056	PILLA VIJAY KUMAR
60.	160119735057	NENAVATH VINOD KUMAR

61.	160119735058	HRIDWIN VISHAAL
62.	160119735059	ALAKUNTLA VISHNU
63.	160119735060	DUBASI YASHASSU
64.	160119735181	RASHID MASOOD
65.	160119735301	CHAKILAM SUPRIYA
66.	160119735302	PABBATHI PALLAVI
67.	160119735303	K SAI PRAKASH
68.	160119735304	K LATHASRI
69.	160119735305	SUDHEER KUMAR PABBATHI
70.	160119735306	KUMMARI POOJITHA
71.	160119735061	ENJAMOORI AKSHAYA
72.	160119735063	J ANKITHA
73.	160119735064	LINGA ANUHYA
74.	160119735065	AYESHA NELOFER
75.	160119735066	JHAKKANI BHARGAVI
76.	160119735067	NAINI GOWRI
77.	160119735068	BANDARI HARSHITHA
78.	160119735069	N HASIKA
79.	160119735070	SADULA JAGRUTHIE
80.	160119735071	DUDDULA MADHURI
81.	160119735072	KOPPADI NISHA RANI
82.	160119735073	BANAVATH NOMITHA
83.	160119735074	TOGIRI POOJA
84.	160119735075	PERUMALLA ROSHITHA
85.	160119735076	SANJANA VIJAYAN

86.	160119735077	NAGELLI SATHVIKA
87.	160119735078	M V SHARANYA
88.	160119735079	POLU SHISHIRA
89.	160119735080	GADDALA SNEHA
90.	160119735081	PICHIKA VARSHA
91.	160119735082	POLAVARAPU YASASWINI
92.	160119735083	KONERU AAKASH
93.	160119735084	ADITYA VARDHAN BANDIKE
94.	160119735085	DANDA AKASH REDDY
95.	160119735086	VODNALA ARAVIND RAO
96.	160119735087	JONNADULA CHAITANYA SAI SRI KRISHNA
97.	160119735088	CHANDNANI GULSHAN
98.	160119735089	CHANGALA DHRUV
99.	160119735090	GANGIREDDYGARI DINESH REDDY
100.	160119735091	CHILAKALA HRISHIKESH REDDY
101.	160119735092	PALLE KAMALESH
102.	160119735093	GUDIPUDI KEDARESHWAR
103.	160119735094	NUNNA KETHAN SAI
104.	160119735095	KRISHNA SARDA
105.	160119735096	VENNELA MANOJ KUMAR
106.	160119735097	NANDIPATI NAGIREDDY
107.	160119735098	BUSSA PAVAN KUMAR REDDY
108.	160119735099	S PRITHVI SANDEEP
109.	160119735100	KOPPISETTI RAJIV
110.	160119735101	SUNCHU RAVITEJA

111.	160119735102	RISHABH PEREWAR
112.	160119735103	THONDAMALLA SAI REVANTH
113.	160119735104	GURRAM SAI TEJA
114.	160119735105	SHAIK SAMI
115.	160119735106	G SHASHI YADAV
116.	160119735107	THODUPUNURI SRIKAR
117.	160119735108	SAGIRAJU SRIRAM SAI KRISHNAMRAJU
118.	160119735109	JASTI SRIVATSAV
119.	160119735110	N SRUJAN
120.	160119735111	YERRAMSETTI SURAAJ
121.	160119735112	KASULA TARUN
122.	160119735115	LUKALAPU TUSHAR NAIDU
123.	160119735116	NAIDU VENKATA AKHILESH KUMAR
124.	160119735117	MANUPATI VIJAY KUMAR
125.	160119735118	CHIRLA VINEETH
126.	160119735119	K VISHWAJEET
127.	160119735307	PADIGE SHIVA SAI
128.	160119735308	VANGALA PRASHANTH
129.	160119735309	KONGALA SAITEJA
130.	160119735310	T NACHIKA
131.	160119735311	GUGULOTHU REVANTH
132.	160119735312	SANTI SHERLIN
133.	160118735145	VOONNA BALA KRISHNA PAVAN TAGORE
134.	160119735121	AMRITHA BHARGAVI UTLA

135.	160119735122	GUGULOTH DIVYA
136.	160119735124	VEERAMREDDY JANVI
137.	160119735125	MUTHYAM MITHILA
138.	160119735126	KALYANAM NANDINI
139.	160119735127	KOYALA NANDINI
140.	160119735128	GUMMADVALLY SATHVIKA
141.	160119735129	PODDUTURI SHAILIKA
142.	160119735130	AVALA SRAVYA
143.	160119735131	RAMISETTI SRI HARSHITHA
144.	160119735132	EMMADI SRINIVAS JAHNAVI
145.	160119735133	DUBASI TEJASREE
146.	160119735134	SHETTY AKHIL
147.	160119735135	ANANTHULA ANANTH MOHAN
148.	160119735136	ANUMOLU CHOKSHA
149.	160119735137	MD ASHFAQ AHMED
150.	160119735138	BHARATH KUMAR BATTIPALLI
151.	160119735139	NALLAMOLU CHAITANYA
152.	160119735140	CHIRAG AGARWAL
153.	160119735141	ENUGURTHY DARPAN REDDY
154.	160119735142	RAMINI ESHWAR CHANDRA
155.	160119735143	GULLA GOWTHAM
156.	160119735144	M GUNA SATYARTH
157.	160119735145	NALUMASU HARIKRISHNA
158.	160119735146	KALICHETI JAYADEEP REDDY
159.	160119735147	PADIGE KALYAN KUMAR

160.	160119735148	BURUGUPALLY KARRTHIK
161.	160119735149	VIJAYA KAUSHIK
162.	160119735150	S LALITH ADITHYAN
163.	160119735151	YAMASANI LOHITH KUMAR
164.	160119735152	THANNEERU MAHINDRA CHOWDARY
165.	160119735153	VELPULA MONIK BUDH
166.	160119735154	SHAIK MUJAHID
167.	160119735156	KURELLA NAVEEN
168.	160119735157	DOMAKONDA NISHANTH
169.	160119735158	PONUGUPATI NITIN
170.	160119735160	MUCHANAPALLY PRAMOD VARDHAN
171.	160119735161	BAJAR PRAVEEN
172.	160119735162	SOMAVARAPU PURNA PRANITH SAI
173.	160119735163	RIBHU BHATTA CHARYA
174.	160119735164	ROUTHU RISHIK
175.	160119735165	KATRAVATH ROHAN RATHOD
176.	160119735166	SAI ADITHYA TIRUKKOLLURU
177.	160119735167	SAI BHARADWAJ V S MUNJULURU
178.	160119735168	K SAI KUMAR REDDY
179.	160119735169	VISLAVATH SAI KUMAR
180.	160119735170	VEMPATI SAI SIDDARTH
181.	160119735172	JOSHI SAKETH KUMAR
182.	160119735173	SAKETH RAGHAV KANDURI
183.	160119735174	SANDEEP NAGAM
184.	160119735175	AKULA SARAN MANI KUMAR

185.	160119735176	NALLACHERU SUDEEP
186.	160119735178	VARUN V
187.	160119735179	NANDIKOLLA VENKATA SAI CHARAN
188.	160119735180	PALADUGU VENKATA SAI CHARAN
189.	160119735313	GADDAM LIKHITESHWAR
190.	160119735314	DADE KARTHIK
191.	160119735315	BILLA BHANU
192.	160119735316	MANCHALA SANJANA
193.	160119735317	KANDHI KEERTHI
194.	160119735318	SHAIK RUKSANA


TITLE OF THE VALUE ADDED COURSE

Engineering Economics and Accountant

Code: 18MBC01

Duration: 40 Hours

Academic year: 2021-22


HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

Syllabus

CBIT(A)
18MBC01

With effect from Academic Year 2019-20

ENGINEERING ECONOMICS AND ACCOUNTANCY

Instruction	3 Hours per week
Duration of End Examination	3 Hours
Semester End Examination	70 Marks
CIE	30 Marks
Credits	3

Course Objectives: The objectives of this course are:

1. To demonstrate the importance of Managerial Economics in decision making.
2. To understand the importance of project evaluation in achieving a firm's objective.
3. To explain the concept of Accountancy and provide basic knowledge on preparation and analyzing of Final accounts.

Course Outcomes: On Successful completion of this course, student will be able to:

1. Apply fundamental knowledge of Managerial economics concepts and tools.
2. Understand various aspects of demand analysis and forecasting
3. Analyze production and cost relationships to make best use of resources available.
4. Analyze different opportunities and come out with best feasible capital investment decisions
5. Apply accountancy concepts and conventions and preparation of final accounts.

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	1	1	3	1	1	1	1	1	1	1	-	-	-	1
2	2	2	2	2	-	1	1	1	-	1	-	1	1	-
3	1	2	1	2	2	-	2	1	-	1	-	-	1	-
4	2	2	1	2	2	1	1	3	-	1	-	-	-	1
5	1	3	1	2	1	1	2	-	-	1	2	1	-	1

UNIT - I

Introduction to Managerial Economics : Introduction to Economics and its evolution - Managerial Economics - its Nature and Scope, Importance; Relationship with other Subjects. Its usefulness to Engineers; Basic concepts of Managerial economics - Incremental, Time perspective, Discounting Principle, Opportunity Cost, Equimarginal Principle, Contribution, Negotiation Principle.

Activate W

UNIT - I

Introduction to Managerial Economics : Introduction to Economics and its evolution - Managerial Economics - its Nature and Scope, Importance; Relationship with other Subjects. Its usefulness to Engineers; Basic concepts of Managerial economics - Incremental, Time perspective, Discounting Principle, Opportunity Cost, Equimarginal Principle, Contribution, Negotiation Principle.

UNIT II

Demand and Supply Analysis : Demand Analysis - Concept of Demand, Determinants, Law of demand - Assumptions and Exceptions; Elasticity of demand - Price, Income and Cross elasticity - simple numerical problems; Concept of Supply - Determinants of Supply, Law of Supply; Demand Forecasting - Methods.

UNIT III

Production and Cost Analysis: Theory of Production - Production function - Isoquants and Isocosts, MRTS, Input-Output Relations; Laws of returns; Internal and External Economies of Scale.
Cost Analysis: Cost concepts Types of Costs, Cost-Output Relationship Short Run and Long Run; Market structures Types of Competition, Features, Price Output Determination under Perfect Competition, Monopoly and Monopolistic Competition; Break-even Analysis Concepts, Assumptions, Limitations, Numerical problems.

UNIT IV

Accountancy: Book-keeping, Principles and Significance of Double Entry Book Keeping, Accounting Concepts and Conventions, Accounting Cycle, Journalization, Subsidiary books, Ledger accounts, Trial Balance concept and preparation of Final Accounts with simple adjustments. Ratio Analysis.

UNIT V

Capital and Capital Budgeting: Capital and its Significance, Types of Capital, Estimation of Fixed and Working capital requirements, Methods and sources of raising finance. Capital Budgeting, Methods: Traditional and Discounted Cash Flow Methods - Numerical problems.

Text Books:

1. Mehta P.L., "Managerial Economics: Analysis, Problems and Cases", Sultan Chand & Son's
2. Educational publishers, 2016.
3. Maheswari S.N. "Introduction to Accountancy", Vikas Publishing House, 11th Edition, 2013. Panday I.M. "Financial Management", 11th edition, Vikas Publishing House, 2015.

Suggested Readings:


1. Varshney and KL Maheswari, "Managerial Economics", Sultan Chand, 2014.
2. M.Kasi Reddy and S.Saraswathi, "Managerial Economics and Financial Accounting", Prentice Hall of India Pvt Ltd, 2007.
3. A.R.Aryasri, "Managerial Economics and Financial Analysis", McGraw-Hill, 2013.



HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75


Time Table

Brach: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15-12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday			Engineering Economics and Accountantcy				
Wednesday							
Thursday							
Friday							
Saturday							



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Gandipet, Hyderabad - 75

List of Participants:-


S.NO	Registered & completed student Name	Total no. of students registered & completed
1.	K ABHIRAM	124
2.	G JASWANTH KUMAR YADAV	
3.	PULIPATI KAUSHAL	
4.	KUMMARI CHANDRAKALA	
5.	PUTLA DHARANI	
6.	GUJJA INDRANI	
7.	KAVYA TAMMALI	
8.	CHIMARLA KEERTHANA SOLIPURAM KEERTHANA REDDY	
9.		
10.	JAGATHKARI LAXMIPRIYA	
11.	KASHA MAHATHI MYAKA MANIDEEPIKA REDDY	
12.		
13.	P NEHASREE	
14.	ERPULA RANI	
15.	BATTULA RASAGNA	
16.	DARAPU SAI AKSHAYA	
17.	SHIVARATHRI SRAVANI	
18.	NARAYANA SRINIDHI REDDY	
19.	VATTIKONDA SUSHMITHA	
20.	SANIKOMMU VAISHNAVI	
21.	THODUPUNURI VASAVI	
22.	VINUTHNA REDDY GUTHA	
23.	KANTHALA ADITH CHANDRA	
24.	KULAKARNI ADITHYA MOHAMMED AMAAN FAROOQUI	
25.		
26.	K CHINNA RAMUDU	
27.	KOBBAI DILEEP KUMAR	
28.	AGGADI MANI DEEP	
29.	NABEEL KHAN	


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30.	NAMAN GUPTA
31.	AMANCHI NAVEEN
32.	NAVID PABANI
33.	GUGGILLA RAGHAVESHWAR
34.	MOTUPALLI RAMA KRISHNA SAI
35.	ARRA RASHMITH REDDY
36.	D SAI SIDHARTH KSHYAP
37.	VANGALA SAI SRUJAN
38.	M SHANMUKHESH
39.	BOGE SIDDARTH
40.	NUGURI TARUN
41.	KALVA VENU
42.	KATAKAM VINAY KUMAR
43.	CHENNA VINEETH
44.	VISHWAS P
45.	ZIYAD AHMED MOHAMMED
46.	MUNJA YAMINI
47.	RAMAVATH SAIKUMAR
48.	SHAIK NEHA GULSHAN
49.	PAPIGARI AKSHAY KUMAR
50.	BHARGAVI SINGAJOGI
51.	CHELLA MEENAKSHI S
52.	LOHITHA REDDY ANNADI
53.	MANASVINI KOTTAPALLY
54.	SURUKANTI NISHITHA
55.	NISHMA REDDY KASTURI
56.	RACHEL A
57.	RISHITHA ARIKOTLA
58.	SAI VARSHA MAKTHAL
59.	SANDHYA KORRA
60.	THUMU SNEHA BHANDHAVI
61.	SOUMYA BANDLA


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62.	GUDIVENUKA SRAVANTHI
63.	SADINENI SRAVANTHI
64.	SANKARNENI SRAVYA
65.	SREE VIDYA GOLLA
66.	SUNITHA RANI PITLA
67.	UMMAY SALMA
68.	M ABHISHEK
69.	MUTHYALA ABHISHEKH
70.	AJAY GUNNALA
71.	MORE AKSHAY
72.	CHAKRAVARTHY DANGATLA
73.	CHERUPALLY CHARAN KUMAR
74.	DINESH BUKYA
75.	HARI KIRAN VAGIRI
76.	JAYANTH DARAMALLA
77.	JEEVAN KUMAR G
78.	PANDULA MANIDEEP
79.	RAKESH ANNAM
80.	SAILLOKESH REDDY NANDAVARAPU
81.	KOTHAKONDA SAI TEJA
82.	SAIKIRAN KOLLOJU
83.	LAKKARSU SAITEJA VARMA
84.	SOHAN KUMAR RUSTUMPET
85.	SRI SAI WENKAT NIZAMPATNAM
86.	SRI VAMSI DEEVI
87.	SRINIVAS GAURAV JAMALPUR
88.	MUTHYALA SUJITH REDDY
89.	SUMANTH SETTY
90.	DODDI UDAY SHANKAR
91.	VENKATA MANIKANTA SAI AMALAKANTI
92.	THADURI VENKATESH BABU
93.	BODDU YESHWANTH KUMAR


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 Dept. of EEE, CBIT (A)
 Gandipet, Hyderabad - 75

94.	VENKANNAGARI YOGESH
95.	DOKILE UMESH
96.	RAYABARAPU NAVYA
97.	VADDADI VIKAS
98.	NENAVATH PRASHANTH
99.	GANASALA HEPSIBA RANI
100.	P CHAKRADHAR
101.	KSHITEISSH BHARADWAJ
102.	PRAVEENA BOBBALA
103.	BAKKAREDDY PRIYANKA
104.	BURRA VARSHITHA
105.	KSHITEISSH BHARADWAJ
106.	NARAYANA NITHIN
107.	CHILLAMCHARLA SAI RAGHU
108.	GUDIMALLA SANJAY
109.	M SHANMUKHESH
110.	MUNJA YAMINI
111.	RAMAVATH SAIKUMAR
112.	CHITLA PAVAN
113.	G YASHWANTH KUMAR
114.	KAVYA PINNEBOINA
115.	ESWAR TEJA CHAVA
116.	DONTHULA NAVEEN
117.	PRUDHVI MURUKUTLA
118.	LAKKARSU SAITEJA VARMA
119.	SHERANK DASARATH
120.	TARUN CH NSNS
121.	MOVVA VINAY
122.	BODDU YESHWANTH KUMAR


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 Dept. of EEE, CBIT (A)
 Gandipet, Hyderabad - 75

123.	VENKANNAGARI YOGESH
124.	DOKILE UMESH


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Gandipet, Hyderabad - 75

TITLE OF THE VALUE ADDED COURSE


A Journey towards Entrepreneurship

Code: CBIT/21MEV09

Duration: 30 Hours

Academic year: 2021-22

Syllabus


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Gandipet, Hyderabad - 75

Syllabus:

UNIT - I

Entrepreneurship: Definition, functions of entrepreneurship, qualities of entrepreneurs, identification and characteristics of entrepreneurs, entrepreneur vs. intrapreneur, first generation entrepreneurs, women entrepreneurs, conception and evaluation of ideas and their sources.

UNIT - II

Indian industrial environment: Competence, opportunities and challenges, entrepreneurship and economic growth, small scale industry in India, objectives, linkage among small, medium and heavy industries, types of enterprises, corporate social responsibility.

UNIT - III

Business plan: Introduction, elements of business plan and its salient features, business model canvas, technical analysis, profitability and financial analysis, marketing analysis, feasibility studies, executive summary, selection of technology and collaborative interactions.

UNIT - IV

Project management: During construction phase, project organization, project planning and control using CPM, PERT techniques, human aspects of project management, assessment of tax burden.

UNIT - V

Behavioural aspects of entrepreneurs: Personality, determinants, attributes and models, leadership concepts and models, values and attitudes, motivation aspects, time management: approaches of time management, their strengths and weaknesses. time management matrix and the urgency addiction, measures of asymmetry (skewness), important parametric tests -z, t, F, Chi-Square, ANOVA significance.

Text Books:


1. Vasant Desai, "Dynamics of Entrepreneurial Development and Management", Himalaya Publishing House, 1997.
2. Prasanna Chandra, "Project-Planning, Analysis, Selection, Implementation and Review", Tata McGraw-Hill Publishing Company Ltd. 1995.
3. S.S. Khanka, "Entrepreneurial Development", S. Chand & Co. Pvt. Ltd., New Delhi

Suggested Reading:

1. Robert D. Hisrich, Michael P. Peters, "Entrepreneurship", 5/e, Tata McGraw Hill Publishing Company Ltd., 2005.
2. Stephen R. Covey and A. Roger Merrill, "First Things First", Simon and Schuster Publication, 1994.


Time Table

Branch: EEE							
Day	9:10 - 10:10	10:10-11:10	11:15-12:15	12:15-13:00	13:00-14:00	14:00-15:00	15:05-16:05
Monday				LUNCH			
Tuesday					Entrepreneurship		
Wednesday							
Thursday	Entrepreneurship						
Friday							
Saturday						Entrepreneurship	


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List of Participants:-

S.NO	Registered & completed student Name	Total no. of students registered & completed
1	SOLIPURAM KEERTHANA REDDY	30
2	KHYATI BHAREDWAJ	
3	NAZIYA BEGUM	
4	PRAVEENA BOBBALA	
5	BAKKAREDDY PRIYANKA	
6	KANDANELLY SAHITHI PRIYA RATHOD	
7	NARAYANA SRINIDHI REDDY	
8	BURRA VARSHITHA	
9	GUTHA VINUTHNA REDDY	
0	MOHAMMED AMAAN FAROOQUI	
11	KSHITEISSH BHARADWAJ	
12	NABEEL KHAN	
13	NAVID PABANI	
14	MOTUPALLI RAMA KRISHNA SAI	
15	CHILLAMCHARLA SAI RAGHU	
16	MOTHUKURI SAI SRINIVAS	
17	VANGALA SAI SRUJAN	
18	GUDIMALLA SANJAY	
19	M SHANMUKHESH	
20	SUHAS REDDY M	
21	G TARUN	
22	VEERAPRADYUN GONUGONDLA	
23	CHENNA VINEETH	
24	VISHWAS P	
25	BIRRU VEDAVYAS	
26	T KARTHIK	
27	AJAY KUMAR SAHANI	
28	KURMA RAVI	
29	SURUKANTI NISHITHA	
30	RACHEL A	


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18CS 006

FUNDAMENTALS OF DBMS
(Open Elective-II)

Instruction	3 L Hours per Week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Pre-requisites: File Structures.

Course Objectives:

This course aims to: 1. Learn data models, conceptualize and depict a database system using E-R diagram.

2. Understand the internal storage structures in a physical DB design.

3. Know the fundamental concepts of transaction processing techniques.

Course Outcomes:

Upon completion of this course, the student will be able to: 1. Classify the difference between FMS and DBMS; describe the roles of different users and the structure of the DBMS. Design the database logically using ER modeling 2. Outline the schema of the relational database and key constraints. Develop queries using DDL, DML and DCL of SQL. 3. Identify the inference rules for functional dependencies and apply the principles of normal forms to decompose the relations in a database. 4. Summarize the concepts of dense, sparse, ISAM and B+ tree indexing and get familiar with states and properties of transactions. 5. Interpret the locking, time stamp, graph and validation-based protocols for concurrency control. 6. Summarize log-based recovery techniques to increase the robustness of the database, identify to resolve the deadlocks in the transactions.

UNIT - I

Introduction: Database System Applications, Purpose of Database Systems, View of Data, Database Languages, Database Users and Administrators Database System Architecture, Application Architectures.

Database Design and E-R Model: Basic concepts, Constraints, E-R Diagrams, E-R Design Issues, Extended E-R Features, Specialization and Generalization.

UNIT - II

Relational Model: Structure of Relational Databases, Database Schema, Keys.

Structured Query Language: Overviews, SQL Data Types, SQL Queries, Data Manipulation Language Set Operations, Aggregate Functions, Data Definition Language, Integrity Constraints, Null Values, Views, Join Expression. Index Definition in SQL.

UNIT - III

Relational Database Design: Undesirable Properties in Relational Database Design, Functional Dependencies, Trivial and Nontrivial Dependencies, Closure of Set of Functional Dependencies, Closure of Set of Attributes, Irreducible Set of Functional Dependencies, Normalization – 1NF, 2NF, and 3NF, Dependency Preservation, BCNF, Comparison of BCNF and 3NF.

UNIT - IV

Indexing: Basic concepts, Dense and Sparse Indices, Secondary Indices, Tree-Structured Indexing, Indexed Sequential Access Method (ISAM), B+ Tree Index Files.

Transaction Management: Transaction Concept – ACID Properties, States of Transaction, Implementation of Atomicity and Durability, Serializability, Recoverability.

UNIT - V

Concurrency Control: Lock-Based Protocols, Timestamp-Based Protocols, Validation-Based Protocols.

Deadlocks Handling: Deadlock Prevention, Deadlock Detection and Recovery.

Recovery System: Failure Classification, Storage Structure, Recovery and Atomicity, Log-Based Recovery.

Text Books:

1. Abraham Silberschatz, Henry F Korth, S Sudarshan, "Database System Concepts", Sixth Edition, McGraw-Hill International Edition, 2011.
2. Date CJ, Kannan A, Swamynathan S, "An Introduction to Database Systems", Eight Edition, Pearson Education, 2006.

Suggested Reading:

1. Raghu Ramakrishnan, Johnnes Gehrke, "Database Management Systems", Third Edition, McGraw Hill, 2003.
2. Ramez Elmasri, Durvasul VLN Somayazulu, Shamkant B Navathe, Shyam K Gupta, "Fundamentals of Database Systems", Fourth Edition, Pearson Education, 2006.

Number of Students Enrolled: 135

Number of students completing course:: 132

S. No	Roll No	Name of the Student Completing the course
1.	160118735001	JAKKAM AKSHITHA
2.	160118735002	A ANUSHKA
3.	160118735003	SHAIK KARISHMA BHANU
4.	160118735004	DASI LIKHITHA
5.	160118735005	PENUKULA NAMITTHA
6.	160118735006	THANGELLA NAVA POOJITHA
7.	160118735007	NITHYA RAVULA
8.	160118735008	BONAGIRI RISHIKA
9.	160118735009	KONDAM SANNITHA REDDY
10.	160118735010	REGENTI SHAMITHA REDDY
11.	160118735011	PALLY SHRAVANI
12.	160118735012	BUYARAPU SIRISHA
13.	160118735013	SOWBHAGYA SRI LALITHA MAGANTY
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15.	160118735015	VAISHNAVI KUNCHALA
16.	160118735016	NUKALA VENKATA RANI SAMYUKTHA
17.	160118735017	TIRUMALASETTY VINUTHNA
18.	160118735018	GOVU VYSHNAVI
19.	160118735019	YASHMITHA JAIN
20.	160118735020	MUTHINENI ABHISHEK
21.	160118735021	ADARSH
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23.	160118735023	ANEESH REDDY MEKALA
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25.	160118735025	ARCHITH RAMASAHAYAM
26.	160118735026	PEDETI BHUVAN
27.	160118735028	CHARITH REDDY GOPAVARAM
28.	160118735029	AMIRISHETTI GANESH
29.	160118735030	MALLAVAJJALA GNANA SHIVA GANAPATHI
30.	160118735031	GUNDLURI LOKESH
31.	160118735032	MALOTH MURALI KRISHNA
32.	160118735033	DEVI MUTHYAM
33.	160118735034	VASAM NIKHIL
34.	160118735035	ERRABELLI PRANAY RAO
35.	160118735036	KARUPALLI PREM CHARAN
36.	160118735038	BANOTH RAJESH
37.	160118735039	P RAJESHWAR REDDY
38.	160118735040	VANTERU RITHVIK REDDY
39.	160118735041	KONGARA SAI RAM
40.	160118735042	PAKALA SAI TEJA
41.	160118735043	AUSULA SAI VAMSHI
42.	160118735044	NAGADEVARA SARATH CHANDRA VISWANADH
43.	160118735045	TALLA SATYA SAI KIRAN
44.	160118735047	BANDA SHARAN KUMAR
45.	160118735050	GOTTIMUKKALA SREE HARI DATTA
46.	160118735051	PANDI SRIRAM
47.	160118735052	M SURYA TEJA
48.	160118735053	TARUN PALIVELA
49.	160118735054	T TILAK REDDY

50.	160118735055	MB VAMSHI
51.	160118735056	MUTHINENI VAMSHI
52.	160118735057	VARUN D V S G
53.	160118735058	VEGGALAM VARUN
54.	160118735059	VEMULA VENKATA SAI VIKAS
55.	160118735060	CHAPA YASHWANTH SAI
56.	160118735061	BELLAMKONDA AMRUTHA
57.	160118735062	ERRABOTHU ANUPAMA
58.	160118735063	APURVA ADDULA
59.	160118735064	K ASHWITHA
60.	160118735065	KUNCHA CHARISHMA S S S K
61.	160118735066	REGULAVALASA DEEPIKA
62.	160118735067	POTHURAJU JAGRUTHI
63.	160118735068	BYREDDY JAHNAVI
64.	160118735069	PRAVA LAKSHMI SAHITHI
65.	160118735070	MADIHA SADAF
66.	160118735071	ADIRE MALLIKA
67.	160118735072	NITTALA MANASVINI
68.	160118735073	KOTTURU NAGA SUPRIYA
69.	160118735074	ANUMANDLA RACHANA
70.	160118735075	GOLLAPUDI REESHMA
71.	160118735076	BALASANKULA RUCHITHA
72.	160118735077	MADDULA SAHITHI REDDY
73.	160118735078	GUMMI SAI SREEJA
74.	160118735079	MORTHA SANJANA

75.	160118735116	VELAGAPUDI SRIRAM LOHIT
76.	160118735117	JIDUGU UPENDRA
77.	160118735118	GANDHAM VENKATA SAI VISHAL
78.	160118735119	KAMBHAMPATI VINAY
79.	160118735121	JEEDIPALLY AARTHI
80.	160118735122	BODIGE AKHILA
81.	160118735123	S AKHILA
82.	160118735124	KOYINNI BHARGAVI
83.	160118735125	GUNTI BINDU YASHASWINI
84.	160118735126	DANYA DILSHAD
85.	160118735127	GANNAMANENI DHARANI
86.	160118735128	NAGANDLA HAMPI CHOWDARY
87.	160118735129	PATLOLLA KEERTHANA REDDY
88.	160118735130	GODULA PRANAVI
89.	160118735131	PRANAVI NAGUBANDI
90.	160118735132	CHIPPADA SAINAGA SANJANA
91.	160118735133	K SHARON
92.	160118735134	SHEEMA KALEEM
93.	160118735135	SUNKARI SHREYA
94.	160118735136	RAMIREDDYGARI SPOORTHI
95.	160118735137	POLINENI SREENIDHI
96.	160118735138	MULA SRINIJA
97.	160118735139	BANOTHU UTHPALA
98.	160118735140	RAVULA VARSHA REDDY
99.	160118735141	KOTHAPALLI ABHINAV REDDY

100.	160118735142	S ABIJAY
101.	160118735143	MOHD ALI UBAID
102.	160118735144	MERUGU ANKUSH REDDY
103.	160118735146	CHETHAN AVINASH REDDY JONNALA
104.	160118735147	DHANESH RAO KODEY
105.	160118735148	NIDADAVOLU ESHWAR
106.	160118735149	MOHAMMED FIRASAT HUSSAIN
107.	160118735150	GUNJI GOPIRAJU
108.	160118735151	HRISHI VARDHAN REDDY SUDINI
109.	160118735152	BURRI KALYAN
110.	160118735153	BAYARLA KENITH
111.	160118735169	K SHIVA SAI
112.	160118735170	CHAULA SIDDHARTH
113.	160118735171	MOLAKALAPALLI SIVA TEJA
114.	160118735172	MOHAMMAD SOHAIL
115.	160118735173	KOMPELLA SRINIVAS LAKSHMAN
116.	160118735174	K SRIVAMSHI
117.	160118735175	MOKRA VARUN
118.	160118735176	GATTU VENKATA HARSHAVARDHAN
119.	160118735177	KETHAVATH VENU
120.	160118735179	KULAYI VINEETH
121.	160118735180	KUNDARAPU VISHNU VARDAN NAIDU
122.	160118735301	BATHULA SURYA PRAKASH
123.	160118735302	MUTHARATAPU RAMADEVI
124.	160118735303	CHATLA TEJASWINI

125.	160118735304	YELLABOYINA PAVAN SAI
126.	160118735305	SHALINI KAMBLE
127.	160118735306	AKANKSHA RASAPUTHRA
128.	160118735307	BODDU ARAVIND
129.	160118735308	C SHEKAR YADAV
130.	160118735309	SINDHAM VAISHNAVI
131.	160118735310	J ANUSHA
132.	160118735311	NARUKUTI KARUNA

18IT 002

PYTHON PROGRAMMING
(Open Elective-II)

Instruction	3 L Hours per Week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Course Objectives:

This course aims to:

1. Facilitate learning to use lists, tuples and dictionaries in Python programs.
2. Familiarize with Python file handling.
3. Impart knowledge of exception handling in Python.
4. Introduce GUI Programming.
5. Familiarize with data visualization.

Course Outcomes: Upon completing this course, students will be able to:

1. Understand the fundamental concepts and control structures of python programming.
2. Write user defined iterative & recursive functions, identify appropriate predefined functions and perform file handling Operations.
3. Use suitable data structures such as sequences, dictionaries and sets in python programming.
4. Apply concepts of OOP, exception handling and build regular expressions using Python.
5. Design and Develop GUI based applications and visualize the data.

UNIT-I

Introduction to Python Programming: Using Python, The IDLE Programming Environment, Input and Output Processing, Displaying Output with the Print Function, Comments, Variables, Reading Input from the Keyboard, Performing Calculations, More About Data Output: New line, Item Separator, Escape Characters, Formatting parameters.

Decision Structures and Boolean Logic: if, if-else, if-elif-else Statements, Nested Decision Structures, Comparing Strings, Logical Operators, Boolean Variables.

Repetition Structures: Introduction, while loop, for loop, Sentinels, Input Validation Loops, Nested Loops.

UNIT-II

Functions: Introduction, Defining and Calling a Function, designing a Program to Use Functions, Local Variables, Passing Arguments to Functions, Global Variables and Global Constants, Value-Returning Functions Generating Random Numbers, Writing Our Own Value-Returning Functions, the math Module, Random Module, Time Module and Storing Functions in Modules.

Python File Input-Output: Opening and closing file, various types of file modes, reading and writing to files, manipulating directories

UNIT-III

Lists and Tuples: Sequences, Introduction to Lists, List slicing, Finding Items in Lists with the in Operator, List Methods and Useful Built-in Functions, Copying Lists, Processing Lists, Two-Dimensional Lists, Tuples.

Strings: Basic String Operations, String Slicing, Testing, Searching, and Manipulating Strings.

Dictionaries and Sets: Dictionaries, Sets, Serializing Objects.

Recursion: Introduction, Problem Solving with Recursion, Examples of Recursive Algorithms.
IV

Classes and Object-Oriented Programming: Procedural and Object-Oriented Programming,
Classes, Working with Instances, Techniques for Designing Classes

Exception Handling: What is exception, various keywords to handle exception such try, catch,
except, else, finally, raise

Regular Expressions: The match() Function, The search() Function, The sub() Function, The
findall() and finditer() Functions, Flag Options

UNIT-V

GUI Programming: Graphical User Interfaces, Using the tkinter Module, Display text with Label
Widgets, Organizing Widgets with Frames, Button Widgets and Info Dialog Boxes, Getting Input
with Entry Widget, Using Labels as Output Fields, Radio Buttons, Check Buttons.

Introduction to Plotting in Python – Basic Plots- Line and Scatter Plot, box plot, bar plots,
Histograms and plotting data contained in files.

Text Book:

1. Tony Gaddis, “Starting Out with Python”, 3rd Edition, Pearson, 2015.

Suggested Reading:

1. Reema Thareja “Python Programming”, Oxford Press, 2017 2. Kenneth A. Lambert,
“Fundamentals of Python”, Delmar Cengage Learning, 2013. 3. Fabio Nelli, “Python Data
Analytics (With Pandas, NumPy, and Matplotlib)”, Apress, 2nd Edition, 2018. 4. James Payne,
“Beginning Python using Python 2.6 and Python 3”, wrox programmer to programmer, 2010. 5.
Paul Gries, “Practical Programming: An Introduction to Computer Science using Python”, 3rd
Edition, 2016. Web Resource: 1. <https://www.python.org/>

Number of Students Enrolled: 29

Number of students completing course: 29

S. No	Roll No	Name of the Student Completing the course
1.	160118735001	JAKKAM AKSHITHA

2.	160118735002	A ANUSHKA
3.	160118735003	SHAIK KARISHMA BHANU
4.	160118735004	DASI LIKHITHA
5.	160118735005	PENUKULA NAMITTHA
6.	160118735006	THANGELLA NAVA POOJITHA
7.	160118735007	NITHYA RAVULA
8.	160118735008	BONAGIRI RISHIKA
9.	160118735009	KONDAM SANNITHA REDDY
10.	160118735010	REGENTI SHAMITHA REDDY
11.	160118735011	PALLY SHRAVANI
12.	160118735012	BUYARAPU SIRISHA
13.	160118735013	SOWBHAGYA SRI LALITHA MAGANTY

14.	160118735014	C SRI SRIJA
15.	160118735015	VAISHNAVI KUNCHALA
16.	160118735016	NUKALA VENKATA RANI SAMYUKTHA
17.	160118735017	TIRUMALASETTY VINUTHNA
18.	160118735018	GOVU VYSHNAVI
19.	160118735019	YASHMITHA JAIN
20.	160118735020	MUTHINENI ABHISHEK
21.	160118735021	ADARSH
22.	160118735022	MASADI AJAY
23.	160118735023	ANEESH REDDY MEKALA
24.	160118735024	KALAPALA ANURAG
25.	160118735025	ARCHITH RAMASAHAYAM

26.	160118735026	PEDETI BHUVAN
27.	160118735028	CHARITH REDDY GOPAVARAM
28.	160118735029	AMIRISHETTI GANESH
29.	160118735030	MALLAVAJJALA GNANA SHIVA GANAPATHI

18EGO02

GENDER SENSITIZATION

(Open Elective-III)

Instruction	3 L Hours per week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Course Objectives

This course aims to:

1. Sensibility regarding issues of gender in contemporary India.
2. A critical perspective on the socialization of men and women.
3. Popular debates on the politics and economics of work while helping them reflect critically on gender violence.

Course Outcomes

Upon completion of this course, the student will be able to:

1. Understand the difference between “Sex” and “Gender” and be able to explain socially constructed theories of identity.
2. Recognize shifting definitions of “Man” and “Women” in relation to evolving notions of “Masculinity” and “Femininity”.
3. Appreciate women’s contributions to society historically, culturally and politically.
4. Analyze the contemporary system of privilege and oppressions, with special attention to the ways gender intersects with race, class, sexuality, ethnicity, ability, religion, and nationality.
5. Demonstrate an understanding of personal life, the workplace, the community and active civic engagement through classroom learning.

UNIT- I

Understanding Gender:

Gender: Why Should We Study It? (Towards a World of Equals: Unit -1)

Socialization: Making Women, Making Men (Towards a World of Equals: Unit -2)

Introduction. Preparing for Womanhood. Growing up Male. First lessons in Caste. Different Masculinities.

UNIT- II

Gender and Biology:

Missing Women: Sex Selection and Its Consequences (Towards a World of Equals: Unit -4)

Declining Sex Ratio. Demographic Consequences.

Gender Spectrum: Beyond the Binary (Towards a World of Equals: Unit -10) Two or Many? Struggles with Discrimination.

UNIT- III

Gender and Labour:

Housework: The Invisible Labour (Towards a World of Equals: Unit -3)

“My Mother doesn’t Work.” “Share the Load.”

Women’s Work: Its Politics and Economics (Towards a World of Equals: Unit -7)

Fact and Fiction. Unrecognized and Unaccounted work. Additional Reading: Wages and Conditions of Work.

UNIT-IV

Issues of Violence

Sexual Harassment: Say No! (Towards a World of Equals: Unit -6)

Sexual Harassment, not Eve-teasing- Coping with Everyday Harassment- Further Reading: “Chupulu”.

Domestic Violence: Speaking Out (Towards a World of Equals: Unit -8)

Is Home a Safe Place? -When Women Unite [Film]. Rebuilding Lives. Additional Reading: New Forums for Justice.

Thinking about Sexual Violence (Towards a World of Equals: Unit -11)

Blaming the Victim - “I Fought for my Life....” - Additional Reading: The Caste Face of Violence.

UNIT – V

Just Relationships: Being Together as Equals (Towards a World of Equals: Unit -12)

Mary Kom and Onler. Love and Acid just do not Mix. Love Letters. Mothers and Fathers.

Additional Reading: Rosa Parks-The Brave Heart.

Text Books:

1. A. Suneetha, Uma Bhrugubanda, Duggirala Vasanta, Rama Melkote, Vasudha Nagaraj, Asma Rasheed, Gogu Shyamala, Deepa Sreenivas and Susie Tharu "Towards a World of Equals: A Bilingual Textbook on Gender" published by Telugu Akademi, Hyderabad, Telangana State, 2015.

Suggested Reading:

1. Menon, Nivedita. Seeing like a Feminist. New Delhi: Zubaan-Penguin Books, 2012.

2. Abdulali Sohaila. "I Fought for My Life...and Won." Available online at:
<http://www.thealternative.in/lifestyle/i-fought-for-my-lifeand-won-sohaila-abdulal/>

Web Resources:

1. <https://aifs.gov.au/publications/gender-equality-and-violence-against-women/introduction>

2. <https://theconversation.com/achieving-gender-equality-in-india>

Note: Since it is an Interdisciplinary Course, Resource Persons can be drawn from the fields of English Literature or Sociology or Political Science or any other qualified faculty who has expertise in this field from engineering departments.

Number of Students Enrolled: 180

Number of students completing course: 180

S. No	Roll No	Name of the Student Completing the course
1.	160118735001	JAKKAM AKSHITHA
2.	160118735002	AANUSHKA
3.	160118735003	SHAIK KARISHMA BHANU

4.	160118735004	DASI LIKHITHA
5.	160118735005	PENUKULA NAMITTHA
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12.	160118735012	BUYARAPU SIRISHA
13.	160118735013	SOWBHAGYA SRI LALITHA MAGANTY
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17.	160118735017	TIRUMALASETTY VINUTHNA

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26.	160118735026	PEDETI BHUVAN
27.	160118735028	CHARITH REDDY GOPAVARAM
28.	160118735029	AMIRISHETTI GANESH
29.	160118735030	MALLAVAJJALA GNANA SHIVA GANAPATHI
30.	160118735031	GUNDLURI LOKESH
31.	160118735032	MALOTH MURALI KRISHNA
32.	160118735033	DEVI MUTHYAM
33.	160118735034	VASAM NIKHIL

34.	160118735035	ERRABELLI PRANAY RAO
35.	160118735036	KARUPALLI PREM CHARAN
36.	160118735038	BANOTH RAJESH
37.	160118735039	P RAJESHWAR REDDY
38.	160118735040	VANTERU RITHVIK REDDY
39.	160118735041	KONGARA SAI RAM
40.	160118735042	PAKALA SAI TEJA
41.	160118735043	AUSULA SAIVAMSHI
42.	160118735044	NAGADEVARA SARATH CHANDRA VISWANADH
43.	160118735045	TALLA SATYA SAI KIRAN
44.	160118735047	BANDA SHARAN KUMAR
45.	160118735050	GOTTIMUKKALA SREE HARI DATTA
46.	160118735051	PANDI SRIRAM
47.	160118735052	M SURYA TEJA
48.	160118735053	TARUN PALIVELA
49.	160118735054	T TILAK REDDY

50.	160118735055	MB VAMSHI
51.	160118735056	MUTHINENI VAMSHI
52.	160118735057	VARUN D V S G
53.	160118735058	VEGGALAM VARUN
54.	160118735059	VEMULA VENKATA SAI VIKAS
55.	160118735060	CHAPA YASHWANTH SAI
56.	160118735061	BELLAMKONDA AMRUTHA
57.	160118735062	ERRABOTHU ANUPAMA
58.	160118735063	APURVA ADDULA
59.	160118735064	K ASHWITHA
60.	160118735065	KUNCHA CHARISHMA S S S K
61.	160118735066	REGULAVALASA DEEPIKA
62.	160118735067	POTHURAJU JAGRUTHI
63.	160118735068	BYREDDY JAHNAVI
64.	160118735069	PRAVA LAKSHMI SAHITHI
65.	160118735070	MADIHA SADAF

66.	160118735071	ADIRE MALLIKA
67.	160118735072	NITTALA MANASVINI
68.	160118735073	KOTTURU NAGA SUPRIYA
69.	160118735074	ANUMANDLA RACHANA
70.	160118735075	GOLLAPUDI REESHMA
71.	160118735076	BALASANKULA RUCHITHA
72.	160118735077	MADDULA SAHITHI REDDY
73.	160118735078	GUMMI SAI SREEJA
74.	160118735079	MORTHA SANJANA
75.	160118735080	SHRAVYA KODUR
76.	160118735081	S SIMRITHA RAO
77.	160118735082	SHAIK SULTHANA BEGUM
78.	160118735083	MADHIREDDY SUMANA
79.	160118735084	ANKAM VYSHNAVI
80.	160118735085	MATH ADITHYA
81.	160118735086	MIRUPURI AJAY VAMSHI
82.	160118735087	AKARAPU ANISH

83.	160118735088	AILNENI ARJUN RAO
84.	160118735089	N AVINASH
85.	160118735090	KADALI DEEPAK
86.	160118735091	ANANTHA HARISHOBITH REDDY
87.	160118735092	GUNDU HARSHITH SAI
88.	160118735093	CHALLA HEMANTH KUMAR
89.	160118735094	KISHORE KUMAR GORKIPUDI
90.	160118735095	CHEVULA KOTESH
91.	160118735096	NAGELLA MAHESH REDDY
92.	160118735097	MYADARAVENI MANI PREETHAM
93.	160118735098	MIR ASADUDDIN ADIL
94.	160118735099	MOHAMMED MUTAHAR MUJAHID
95.	160118735100	ANAGANI NAVEEN
96.	160118735101	JULURI NIKHIL
97.	160118735102	YERRAVELLI NIKHIL MOSES

98.	160118735103	BETHAPUDI PRADEEP KUMAR
99.	160118735104	PENUMATHSA RAMA CHANDRA RAJU
100.	160118735105	NUTHULAKANTI SAI CHARAN REDDY
101.	160118735106	KORISAPATI V SAI SIVA SUBRAHMANYA GOWTHAM
102.	160118735107	GURRAPU SAI TEJA
103.	160118735108	RAJABOYINA SAI TEJA
104.	160118735109	K V SAI VARDHAN REDDY
105.	160118735110	SATYA SWAROOP SAMANYU MAMIDI
106.	160118735111	GANIVADA SHASHANK
107.	160118735112	GURRALA SHASHI KIRAN REDDY
108.	160118735113	NAVUDURI V N S SHRAVAN KUMAR
109.	160118735114	ARUGONDA SNEHITH
110.	160118735115	RAMAYANAM SRI KRISHNA PRANEETH

111.	160118735116	VELAGAPUDI SRIRAM LOHIT
112.	160118735117	JIDUGU UPENDRA
113.	160118735118	GANDHAM VENKATA SAI VISHAL
114.	160118735119	KAMBHAMPATI VINAY
115.	160118735121	JEEDIPALLY AARTHI
116.	160118735122	BODIGE AKHILA
117.	160118735123	S AKHILA
118.	160118735124	KOYINNI BHARGAVI
119.	160118735125	GUNTI BINDU YASHASWINI
120.	160118735126	DANYA DILSHAD
121.	160118735127	GANNAMANENI DHARANI
122.	160118735128	NAGANDLA HAMPI CHOWDARY
123.	160118735129	PATLOLLA KEERTHANA REDDY
124.	160118735130	GODULA PRANAVI
125.	160118735131	PRANAVI NAGUBANDI

126.	160118735132	CHIPPADA SAINAGA SANJANA
127.	160118735133	K SHARON
128.	160118735134	SHEEMA KALEEM
129.	160118735135	SUNKARI SHREYA
130.	160118735136	RAMIREDDYGARI SPOORTHI
131.	160118735137	POLINENI SREENIDHI
132.	160118735138	MULA SRINIJA
133.	160118735139	BANOTHU UTHPALA
134.	160118735140	RAVULA VARSHA REDDY
135.	160118735141	KOTHAPALLI ABHINAV REDDY
136.	160118735142	S ABIJAY
137.	160118735143	MOHD ALI UBAID
138.	160118735144	MERUGU ANKUSH REDDY
139.	160118735146	CHETHAN AVINASH REDDY JONNALA
140.	160118735147	DHANESH RAO KODEY

141.	160118735148	NIDADAVOLU ESHWAR
142.	160118735149	MOHAMMED FIRASAT HUSSAIN
143.	160118735150	GUNJI GOPIRAJU
144.	160118735151	HRISHI VARDHAN REDDY SUDINI
145.	160118735152	BURRI KALYAN
146.	160118735153	BAYARLA KENITH
147.	160118735154	KOUSHIK RAO GOURINENI
148.	160118735155	BUDDA LOKNATH REDDY
149.	160118735156	PANNALA MANNI RAAM REDDY
150.	160118735157	YELETI MURALIDHAR
151.	160118735158	BALU OMKAR
152.	160118735159	TONDA PAVANKUMAR
153.	160118735160	JEEDIGARI PRANAY KUMAR
154.	160118735161	QAZI KHAJA WASIF FASIUDDIN
155.	160118735162	DUPATI RAHUL

156.	160118735163	RUDRAPATI RITVIK BHUSHAN
157.	160118735164	B V ROHAN BHARADWAJ
158.	160118735165	SAHARSH REDDY KALLU
159.	160118735166	DATHRAK SAI ADITHYA
160.	160118735167	S SAI PHANI DHANUSH
161.	160118735168	KODATI SHARATH CHANDRA SAI
162.	160118735169	K SHIVA SAI
163.	160118735170	CHAULA SIDDHARTH
164.	160118735171	MOLAKALAPALLI SIVA TEJA
165.	160118735172	MOHAMMAD SOHAIL
166.	160118735173	KOMPELLA SRINIVAS LAKSHMAN
167.	160118735174	K SRIVAMSHI
168.	160118735175	MOKRA VARUN
169.	160118735176	GATTU VENKATA HARSHAVARDHAN
170.	160118735177	KETHAVATH VENU

171.	160118735179	KULAYI VINEETH
172.	160118735310	JANUSHA
173.	160118735311	NARUKUTI KARUNA
174.	160118735312	MUDDISETTY SAHITHYA
175.	160118735313	NAGULAPALLY SAI CHARAN
176.	160118735314	BANDARI NAVEEN
177.	160118735315	AZAM ALI SHAH
178.	160118735316	MAMIDALA LIKHITHA
179.	160118735317	ERRA MURALI
180.	160118735318	BANOTH DIVYA

TITLE OF THE VALUE ADDED COURSE:

Gender Equality

COURSE CODE:

CBIT/21EGV07

ACADEMIC YEAR:

2021 - 22

TARGET PARTICIPANTS:

Final Year Students - VII

DURATION OF THE COURSE:

40 hours/ 10 weeks

P. Nijal

Head
Dept. of English
CBIT (A), Hyderabad-75.

TITLE OF THE VALUE ADDED COURSE:	Gender Equality
COURSE CODE:	CBIT/21EGV07
ACADEMIC YEAR:	2021 - 22
TARGET PARTICIPANTS:	Final Year Students - VIII
DURATION OF THE COURSE:	40 hours/ 10 weeks

P. Raj

Head
Dept. of English
CBIT (A), Hyderabad-75.

Subject: Gender Equality

Subject Code: CBIT/21EGV07

AY 2021-22 YEAR IV SEM VII

VII Sem Information Technology-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-737-061	AKHILANDESWARI BHUKYA
2	1601-18-737-062	AKSHITHA PADALA
3	1601-18-737-063	ANU SREE TELU
4	1601-18-737-064	ANUSHA PRAKASH D
5	1601-18-737-065	FATHIMA NOORAIN
6	1601-18-737-066	GAYATRI GEDDAM
7	1601-18-737-067	LAKSHMI DURGA SRAVYA ORUGANTI
8	1601-18-737-068	LAKSHMI NARASIMHA AMULYA JAYANTHI
9	1601-18-737-069	MADHVIKA DOSAPATI
10	1601-18-737-070	MANASA YARAM
11	1601-18-737-071	NEHA DAMMANNAGARI
12	1601-18-737-072	POORNIMA SIDDINENI
13	1601-18-737-073	PRATHYUSHA KONDUTI
14	1601-18-737-074	RISHIKA MANDADI
15	1601-18-737-075	RISHITHA BEJJANKI
16	1601-18-737-076	SAI RITHIKA MANNE
17	1601-18-737-077	SAI SIRICHANDANA CHIDURA
18	1601-18-737-078	SANJANA PARSA
19	1601-18-737-079	SATHVIKA CHEKURI
20	1601-18-737-080	SATHWIKA SHAKKARA
21	1601-18-737-081	SHIRISHA GUGULOTH
22	1601-18-737-082	SREE KEERTHI MEGHANA BHRUGUBANDA
23	1601-18-737-083	SREEJA PALLA
24	1601-18-737-084	SRIJA CHITIKESI
25	1601-18-737-085	SRIYAGNA KOTHAPALLI
26	1601-18-737-086	SUNETHRA GUNTUR
27	1601-18-737-087	SWETHA S
28	1601-18-737-088	VAISHNAVI PEKETY
29	1601-18-737-089	VENKATA SAI SUDHA P
30	1601-18-737-090	VENNELA PALADUGU
31	1601-18-737-092	ARSHED KHAN FAWAZ
32	1601-18-737-093	BHAGESHWAR SINGH T
33	1601-18-737-094	BHAVESH JULURI
34	1601-18-737-095	GOUTHAM MANCHANA
35	1601-18-737-096	HARSHA VARDHAN BASHAVATHINI
36	1601-18-737-097	HEMANTH MALLARI
37	1601-18-737-098	JASHWANTH THAMMANABOINA
38	1601-18-737-099	JASWANTH NATH KURAGANTI
39	1601-18-737-100	KHALED SAAD MOHAMMED

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40	1601-18-737-101	KOUSHIK REDDY GADIPALLY
41	1601-18-737-102	MANSOOR AHMED MOHAMMED
42	1601-18-737-103	NITHIN REDDY SANKI REDDY
43	1601-18-737-104	PRANEETH KOYYALA
44	1601-18-737-105	PRASHANTH SAI SANTOSH KORIPALLI
45	1601-18-737-106	ROHAN TALAKA
46	1601-18-737-107	SAI PRAKASH CHILLARA
47	1601-18-737-108	SAI THARUN CHILUVERU
48	1601-18-737-109	SAKIRAN BOGALA
49	1601-18-737-110	SAMEER SK
50	1601-18-737-111	SATHISH TADAKA
51	1601-18-737-112	SATYATRINADHRAMANAGA RAKESH KALIGINEEDI
52	1601-18-737-113	SAURABH CHALLAWAR
53	1601-18-737-114	SHARIQ AHMED SYED
54	1601-18-737-115	SHIVAMANI DULURI
55	1601-18-737-116	SRIMAAN MURARI MAHENDERKAR
56	1601-18-737-117	SUSHEEL KUMAR DHEERAVATH
57	1601-18-737-119	VISHAL DARA
58	1601-18-737-307	PONNALA MANVITH REDDY
59	1601-18-737-308	MOHAMMED MUMTAZ AHMED ALI
60	1601-18-737-309	ADIMALLA PRAVEEN KUMAR
61	1601-18-737-310	KUNTA NIKITHA
62	1601-18-737-311	PAKALA SAI PRASANNA
63	1601-18-737-312	ROHIT KARANKOT NAGEKAR
64	1601-17-737-111	G SUMANTH

P. Raj Reddy

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) HYDERABAD-75

DEPARTMENT OF ENGLISH

Subject: Gender Equality

Subject Code: CBIT/21EGV07AY 2021-22 YEAR IV SEM VIII

Total number of students: 121

Sem-VIII Electronics & Communication Engineering-1		
Sl. No.	Roll No.	Name of Student
1	1601-18-735-001	AKSHITHA JAKKAM
2	1601-18-735-002	ANUSHKA A
3	1601-18-735-003	KARISHMA BHANU SHAIK
4	1601-18-735-004	LIKHITHA DASI
5	1601-18-735-005	NAMITTHA PENUKULA
6	1601-18-735-006	NAVA POOJITHA THANGELLA
7	1601-18-735-007	NITHYA RAVULA
8	1601-18-735-008	RISHIKA BONAGIRI
9	1601-18-735-009	SANNITHA REDDY KONDAM
10	1601-18-735-010	SHAMITHA REDDY REGENTI
11	1601-18-735-011	SHRAVANI PALLY
12	1601-18-735-012	SIRISHA BUYARAPU
13	1601-18-735-013	SOWBHAGYA SRI LALITHA MAGANTY
14	1601-18-735-014	SRI SRIJA C
15	1601-18-735-015	VAISHNAVI KUNCHALA
16	1601-18-735-016	VENKATA RANI SAMYUKTHA NUKALA
17	1601-18-735-017	VINUTHNA TIRUMALASETTY
18	1601-18-735-018	VYSHNAVI GOVU
19	1601-18-735-019	YASMITHA JAIN
20	1601-18-735-020	ABHISHEK MUTHINENI
21	1601-18-735-021	ADARSH
22	1601-18-735-022	AJAY MASADI
23	1601-18-735-023	ANEESH REDDY MEKALA
24	1601-18-735-024	ANURAG KALAPALA
25	1601-18-735-025	ARCHITH RAMASAHAYAM
26	1601-18-735-026	BHUVAN PEDETI
27	1601-18-735-028	CHARITH REDDY GOPAVARAM
28	1601-18-735-029	GANESH AMIRISHETTI
29	1601-18-735-030	GNANA SHIVA GANAPATHI MALLAVAJALA
30	1601-18-735-031	LOKESH GUNDLURI
31	1601-18-735-032	MURALI KRISHNA MALOTH
32	1601-18-735-033	MUTHYAM DEVI

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33	1601-18-735-034	NIKHIL VASAM
34	1601-18-735-035	PRANAY RAO ERRABELLI
35	1601-18-735-036	PREM CHARAN KARUPALLI
36	1601-18-735-038	RAJESH BANOTH
37	1601-18-735-039	RAJESHWAR REDDY P
38	1601-18-735-040	RITHVIK REDDY VANTERU
39	1601-18-735-041	SAI RAM KONGARA
40	1601-18-735-042	SAI TEJA PAKALA
41	1601-18-735-043	SAIVAMSHI AUSULA
42	1601-18-735-044	SARATH CHANDRA VISWANADH NAGADEVARA
43	1601-18-735-045	SATYA SAI KIRAN TALLA
44	1601-18-735-047	SHARAN KUMAR BANDA
45	1601-18-735-050	SREE HARI DATTA GOTTIMUKKALA
46	1601-18-735-051	SRIRAM PANDI
47	1601-18-735-052	SURYA TEJA M
48	1601-18-735-053	TARUN PALIVELA
49	1601-18-735-054	TILAK REDDY T
50	1601-18-735-055	VAMSHI MB
51	1601-18-735-056	VAMSHI MUTHINENI
52	1601-18-735-057	VARUN D V S G
53	1601-18-735-058	VARUN VEGGALAM
54	1601-18-735-059	VENKATA SAI VIKAS VEMULA
55	1601-18-735-060	YASHWANTH SAI CHAPA
56	1601-18-735-301	BATHULA SURYA PRAKASH
57	1601-18-735-302	MUTHARATAPU RAMADEVI
58	1601-18-735-303	CHATLA TEJASWINI
59	1601-18-735-304	YELLABOYINA PAVAN SAI
60	1601-18-735-305	SHALINI KAMBLE
61	1601-18-735-306	AKANKSHA RASAPUTHRA

F. No. 101/14

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Subject: Gender Equality

Subject Code: CBIT/21EGV07AY 2021-22 YEAR IV SEM VIII

Sem-VIII Electronics & Communication Engineering-2		
Roll No	Name of Student	
1	1601-18-735-061	AMRUTHA BELLAMKONDA
2	1601-18-735-062	ANUPAMA ERRABOTHU
3	1601-18-735-063	APURVA ADDULA
4	1601-18-735-064	ASHWITHA K
5	1601-18-735-065	CHARISHMA S S S K KUNCHA
6	1601-18-735-066	DEEPIKA REGULAVALASA
7	1601-18-735-067	JAGRUTHI POTHURAJU
8	1601-18-735-068	JAHNAVI BYREDDY
9	1601-18-735-069	LAKSHMI SAHITHI PRAVA
10	1601-18-735-070	MADIHA SADAF
11	1601-18-735-071	MALLIKA ADIRE
12	1601-18-735-072	MANASVINI NITTALA
13	1601-18-735-073	NAGA SUPRIYA KOTTURU
14	1601-18-735-074	RACHANA ANUMANDLA
15	1601-18-735-075	REESHMA GOLLAPUDI
16	1601-18-735-076	RUCHITHA BALASANKULA
17	1601-18-735-077	SAHITHI REDDY MADDULA
18	1601-18-735-078	SAI SREEJA GUMMI
19	1601-18-735-079	SANJANA MORTHA
20	1601-18-735-080	SHRAVYA KODUR
21	1601-18-735-081	SIMRITHA RAO S
22	1601-18-735-082	SULTHANA BEGUM SHAIK
23	1601-18-735-083	SUMANA MADHIREDDY
24	1601-18-735-084	VYSHNAVI ANKAM
25	1601-18-735-085	ADITHYA MATH
26	1601-18-735-086	AJAY VAMSHI MIRUPURI
27	1601-18-735-087	ANISH AKARAPU
28	1601-18-735-088	ARJUN RAO AILNENI
29	1601-18-735-089	AVINASH N
30	1601-18-735-090	DEEPAK KADALI
31	1601-18-735-091	HARISHOBITH REDDY ANANTHA
32	1601-18-735-092	HARSHITH SAI GUNDU
33	1601-18-735-093	HEMANTH KUMAR CHALLA
34	1601-18-735-094	KISHORE KUMAR GORKIPUDI
35	1601-18-735-095	KOTESH CHEVULA
36	1601-18-735-096	MAHESH REDDY NAGELLA
37	1601-18-735-097	MANI PREETHAM MYADARAVENI
38	1601-18-735-098	MIR ASADUDDIN ADIL

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39	1601-18-735-099	MUTAHAR MUJAHID MOHAMMED
40	1601-18-735-100	NAVEEN ANAGANI
41	1601-18-735-101	NIKHIL JULURI
42	1601-18-735-102	NIKHIL MOSES YERRAVELLI
43	1601-18-735-103	PRADEEP KUMAR BETHAPUDI
44	1601-18-735-104	RAMACHANDRA RAJU PENUMATHSA
45	1601-18-735-105	SAI CHARAN REDDY NUTHULAKANTI
46	1601-18-735-106	SAI SIVA SUBRAHMANYA GOWTHAM KORISAPATI
47	1601-18-735-107	SAI TEJA GURRAPU
48	1601-18-735-108	SAI TEJA RAJABOYINA
49	1601-18-735-109	SAI VARDHAN REDDY K V
50	1601-18-735-110	SATYA SWAROOP SAMANYU MAMIDI
51	1601-18-735-111	SHASHANK GANIVADA
52	1601-18-735-112	SHASHI KIRAN REDDY GURRALA
53	1601-18-735-113	SHRAVAN KUMAR NAVUDURI V N S
54	1601-18-735-114	SNEHITH ARUGONDA
55	1601-18-735-115	SRI KRISHNA PRANEETH RAMAYANAM
56	1601-18-735-116	SRIRAM LOHIT VELAGAPUDI
57	1601-18-735-117	UPENDRA JIDUGU
58	1601-18-735-118	VENKATA SAI VISHAL GANDHAM
59	1601-18-735-119	VINAY KAMBHAMPATI
60	1601-18-735-307	BODDU ARAVIND

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18CS O10

MACHINE LEARNING USING PYTHON
(Open Elective-III)

Instruction	3 L Hours per week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Course Objectives:

This course aims to: 1. Get an idea of Machine Learning algorithms to solve real world problems. 2. Study various machine learning algorithms. 3. Analyze data using machine learning techniques. Course Outcomes:

Upon completion of this course, the student will be able to: 1. Define the basic concepts related to Python and Machine Learning 2. Describe the feature engineering methods, regression techniques and classification methods 3. Apply Python packages for data visualization. text and time series data analysis using NLP toolkit 4. Evaluate and interpret the results of the various machine learning techniques 5. Solve real world problems using deep learning framework

UNIT - I

Introduction to Machine Learning: Introduction, Machine Learning process.

Introduction to Python: Features, sources and installation of Python, IDEs, Basics of Python, Data Structures and loops.

UNIT - II

Feature Engineering: Introduction to Features and need of feature Engineering, Feature extraction and selection, Feature Engineering Methods, Feature Engineering with Python.

Data Visualization: Various charts, histograms, plots.

UNIT - III Regression: Simple and multiple regressions, Model assessment, various types of errors, errors, ridge regression, Lasso regression, non-parameter regression. Classification: Linear classification, logistic regression, Decision Trees, Random Forest, Naïve Bayes.

UNIT - IV Unsupervised Learning: Clustering, K-Means clustering, Hierarchical clustering. Text Analysis: Basic text analysis with Python, regular expressions, NLP, text classification. Time Series Analysis: Date and time handling, window functions, correlation, time series forecasting.

UNIT - V

Neural Network and Deep Learning: Neural network- gradient descent, activation functions, parameter initialization, optimizer, loss function, deep learning, deep learning architecture, memory, deep learning framework.

Recommender System: Recommendation engines, collaborative filtering.

Text Books: 1. Abhishek Vijavargia "Machine Learning using Python", BPB Publications, 1st Edition, 2018 2. Tom Mitchel "Machine Learning", Tata McGraw Hill, 2017 3. Reema Thareja "Python Programming", Oxford Press, 2017.

Suggested Reading:

1. Yuxi Liu, Python Machine Learning by Example, 2nd Edition, PACT, 2017.

Online Resources:

1. <https://www.guru99.com/machine-learning-tutorial.html>
2. https://www.tutorialspoint.com/machine_learning_with_python/index.htm
3. <https://www.tutorialspoint.com/python/>
4. <https://docs.python.org/3/tutorial/>
5. <https://www.geeksforgeeks.org/machine-learning/>

Number of Students Enrolled: 16

Number of students completing course: 15

S. No	Roll No	Name of the Student Completing the course
1.	160118735001	JAKKAM AKSHITHA
2.	160118735002	A ANUSHKA
3.	160118735003	SHAIK KARISHMA BHANU
4.	160118735004	DASI LIKHITHA
5.	160118735005	PENUKULA NAMITTHA
6.	160118735006	THANGELLA NAVA POOJITHA
7.	160118735007	NITHYA RAVULA
8.	160118735008	BONAGIRI RISHIKA
9.	160118735009	KONDAM SANNITHA REDDY

10.	160118735010	REGENTI SHAMITHA REDDY
11.	160118735011	PALLY SHRAVANI
12.	160118735012	BUYARAPU SIRISHA
13.	160118735013	SOWBHAGYA SRI LALITHA MAGANTY
14.	160118735014	C SRI SRIJA
15.	160118735015	VAISHNAVI KUNCHALA


TITLE OF THE VALUE ADDED COURSE

Introduction Internet of things

Code: CBIT/21EEV003

Duration: 30 Hours

Academic year: 2021-22


HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

Syllabus:

1. Introduction to IOT


- Understanding IoT fundamentals
- IOT Architecture and protocols
- Various Platforms for IoT
- Real time Examples of IoT
- Overview of IoT components and IoT Communication Technologies
- Challenges in IOT

2. Arduino Simulation Environment

- Arduino Uno Architecture
- Setup the IDE, Writing Arduino Software
- Arduino Libraries
- Basics of Embedded C programming for Arduino
- Interfacing LED, push button and buzzer with Arduino
- Interfacing Arduino with LCD


3. Sensor & Actuators with Arduino

- Overview of Sensors working
- Analog and Digital Sensors
- Interfacing of Temperature, Humidity, Motion, Light and Gas Sensor with Arduino
- Interfacing of Actuators with Arduino.
- Interfacing of Relay Switch and Servo Motor with Arduino


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Gandipet, Hyderabad - 75

Time Table

Branch: EEE								
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05	
Monday				LUNCH				
Tuesday								
Wednesday								
Thursday							Introduction Internet of things	
Friday								
Saturday								


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Gandipet, Hyderabad - 75


Syllabus

4. Basic Networking with ESP8266 WiFi module

- Basics of Wireless Networking
- Introduction to ESP8266 Wi-Fi Module
- Various Wi-Fi library
- Web server- introduction, installation, configuration
- Posting sensor(s) data to web server

List of Participants

SNO	Registered & completed student Name	Total no. of students registered & completed
1	DIVYAREDDY DHAMMA	01


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Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

TITLE OF THE VALUE ADDED COURSE: Writing Research Papers

COURSE CODE: CBIT/21EGV08

ACADEMIC YEAR: 2021 - 22

TARGET PARTICIPANTS: Final Year Students - VIII

DURATION OF THE COURSE: 40 hours/ 10 weeks

P. Raj Reddy

Head
Dept. of English
CBIT (A), Hyderabad-75.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

HYDERABAD-75

DEPARTMENT OF ENGLISH

VALUE ADDED COURSE

Subject: **Writing Research Papers**

Subject Code: **CBIT/21EGV08**

AY 2020-21 YEAR IV SEM VIII

Total number of students: 15

VIISem ECE-3		
Sl. No.	Roll Nos	Name of the Student
1	1601-17-732-021	JATOTHU JKRS ASHIRITH
2	1601-17-732-023	KOMMU V B S BHARATH CHANDRA
3	1601-17-732-024	B BHARATH KUMAR
4	1601-16-735-120	NISCHAL Y
5	1601-18-735-121	AARTHI JEEDIPALLY
6	1601-18-735-122	AKHILA BODIGE
7	1601-18-735-123	AKHILA S
8	1601-18-735-124	BHARGAVI KOYINNI
9	1601-18-735-125	BINDU YASHASWINI GUNTI
10	1601-18-735-126	DANYA DILSHAD
11	1601-18-735-127	DHARANI GANNAMANENI
12	1601-18-735-128	HAMPI CHOWDARY NAGANDLA
13	1601-18-735-129	KEERTHANA REDDY PATLOLLA
14	1601-18-735-130	PRANAVI GODULA
15	1601-18-735-131	PRANAVI NAGUBANDI

P. Raju

Head
Dept of English
CBIT (A), Hyderabad-75.

**TITLE OF THE VALUE ADDED
COURSE:**

Ethics and Society

COURSE CODE:

CBIT/21EGV09

ACADEMIC YEAR:

2021 - 22

TARGET PARTICIPANTS:

Final Year Students - VII

DURATION OF THE COURSE:

40 hours/ 10 weeks

P. Nijal

Head
Dept. of English
CBIT (A), Hyderabad-75.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)HYDERABAD-75

DEPARTMENT OF ENGLISH

VALUE ADDED COURSE

Subject: Ethics and Society Subject Code: CBIT/21EGV09

AY 2021-22 YEAR IV SEM VII

Total number of students: 130

VII Sem CSE-I		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-733-001	CHAITANYA CHANGALA
2	1601-18-733-002	DEEPTHI BEGARI
3	1601-18-733-003	DHARANI DADAMONI
4	1601-18-733-004	DHARANI V
5	1601-18-733-005	GAYATHRI KANTHI LAHARI VUNDAVALLI
6	1601-18-733-006	GOURI SIRISHA KOKKIRALA
7	1601-18-733-007	GREESHMA G
8	1601-18-733-008	LAVANYA GANDLA
9	1601-18-733-009	MAHESHWARI RATHOD
10	1601-18-733-010	NAGA SHIVANI REDDY KATTA
11	1601-18-733-011	SAI ANNANYA SREE V
12	1601-18-733-012	SAI PRATHYUSHA G
13	1601-18-733-013	SAI SANJANA REDDY VATTE
14	1601-18-733-014	SANJANA SIRNAM
15	1601-18-733-015	SANJANA VARMA MUDUNURI
16	1601-18-733-016	SATHVIKA BALABHADRA
17	1601-18-733-017	SHEETAL RAO KADERI
18	1601-18-733-018	SHREYA MARAMREDDY
19	1601-18-733-019	SUDEESHINA DEVA
20	1601-18-733-020	SUKRITHA MANKALA
21	1601-18-733-021	SUPRIYA DARA
22	1601-18-733-022	SUPRIYA KALURI
23	1601-18-733-023	SUSHMA MANDADA
24	1601-18-733-024	ABDUL MUHAYMIN MOHAMMED
25	1601-18-733-025	AHMED MUZZAMMIL
26	1601-18-733-026	AKSHAY KUMAR MALATHKAR
27	1601-18-733-027	CHARAN TEJA SABBANI
28	1601-18-733-028	DHRUVRAJ VENKATESH TONDANOORTHY
29	1601-18-733-030	JANAKIRAM SHARMA K
30	1601-18-733-031	KEDARNATH RISHIT N
31	1601-18-733-032	NARSIMHA SADULA

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32	1601-18-733-033	NITHIN SAI BEJGAM
33	1601-18-733-034	PHANI VARMA GADIRAJU
34	1601-18-733-035	PRAKASH MUDAVATH
35	1601-18-733-036	PRANAV VINOD KAPLE
36	1601-18-733-037	PRANEETH REDDY DENDI
37	1601-18-733-038	RAMA KRISHNA PARJANYA VARANASI
38	1601-18-733-039	RAMA KRISHNA REDDY RELA
39	1601-18-733-040	RAVI TEJA KOLA
40	1601-18-733-041	REVANTH REDDY S
41	1601-18-733-042	ROHIT KUMAR BANDARU
42	1601-18-733-043	SAI KALYAN B
43	1601-18-733-044	SAI SHASHANTH KATROTH
44	1601-18-733-045	SAIKUMAR KALERU
45	1601-18-733-046	SANTHOSH SAI DHONDI
46	1601-18-733-047	SATHVIK THANDRA
47	1601-18-733-048	SIVA RAMA KRISHNAN V K
48	1601-18-733-049	SIVARAMA SARMA MACHAVOLU
49	1601-18-733-050	SRIDHAR SHELGE
50	1601-18-733-051	SUBRAMANI MURUGESAN
51	1601-18-733-052	TARUN KUMAR SONI
52	1601-18-733-053	VAMSHISAI PERUMANDLA
53	1601-18-733-054	VENKATA JASWANTH REDDY NAGIREDDY
54	1601-18-733-055	VENKATA SAI TEJA GADDAM
55	1601-18-733-056	VIKAS THADKAMADLA
56	1601-18-733-058	VISHAL GOUD SAKKARI
57	1601-18-733-059	YASHWANTH ARSHANAPALLY
58	1601-18-733-060	YASHWANTH J
59	1601-18-733-181	ANMOL MAINI
60	1601-18-733-182	YUVRAJ SHALLA
61	1601-18-733-301	ANTHAREDDY HEMALATHA
62	1601-18-733-302	K GANESH YADAV
63	1601-18-733-303	YENNAM HARSHASRI
64	1601-18-733-304	MAHADEVUNI SAI SUMANTH
65	1601-18-733-305	GONGIDI GOUTHAMI

[Handwritten Signature]

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CBIT (A), Hyderabad-75.

Subject: Ethics and Society Subject Code: CBIT/21EGV09

AY 2021-22 YEAR IV SEM VII

VII Sem CSE-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-733-061	AKHILA PATLOLLA
2	1601-18-733-062	BHAVISHYA AGARWAL
3	1601-18-733-063	HARSHITHA DENDETI
4	1601-18-733-064	JAHNAVI JONNALAGADDA
5	1601-18-733-065	KEERTHI BOYA
6	1601-18-733-066	KINISANJULA DASARI
7	1601-18-733-067	KOMALI BEERAM
8	1601-18-733-068	MANASA MOTEPALLI
9	1601-18-733-069	NAWAZ SOWDHAGAR RIZMI
10	1601-18-733-070	NEHA BHUPATHI
11	1601-18-733-071	NISHITHA GARLAPATI
12	1601-18-733-072	NIVEDITHA KALVA
13	1601-18-733-073	PALLAVI MARAGARI
14	1601-18-733-075	RAMYA PERUMANDLA
15	1601-18-733-076	SAIKEERTHANA AKELLA
16	1601-18-733-077	SAKETHA G
17	1601-18-733-078	SANYA TAHSIN MD
18	1601-18-733-079	SATVIKA REDDY G
19	1601-18-733-080	SIRI CHANDANA DESIRAJU
20	1601-18-733-081	SOUMYA VEMURI
21	1601-18-733-083	SWATHI NUNAVATH
22	1601-18-733-084	TABASSUM ASFIYA
23	1601-18-733-085	TEJASWINI J
24	1601-18-733-086	TINA K
25	1601-18-733-087	AAYUSH SHAH
26	1601-18-733-088	ABHISHEK M
27	1601-18-733-089	AHMED TARIQ
28	1601-18-733-091	AKASH REDDY JAMMULA
29	1601-18-733-092	AZIZ AHMED HUSSAIN
30	1601-18-733-093	DINESH RAYALA
31	1601-18-733-094	DURGAPRASAD REDDY GONDESI
32	1601-18-733-095	FAIZ MOHAMMED
33	1601-18-733-096	HARISH AKULA
34	1601-18-733-097	JAGRUTH KILARI
35	1601-18-733-098	JASHWANTH BHEEMAPAKA
36	1601-18-733-099	JAYANTH PINNANI
37	1601-18-733-100	JAYANTH VUNNAM
38	1601-18-733-101	KHUSH

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39	1601-18-733-102	MANIDEEP KALYANAM
40	1601-18-733-103	PAVAN KUMAR MUPPA
41	1601-18-733-105	PRANITH REDDY AMMANAA
42	1601-18-733-106	PRASHANTH CHAVANAPALLI
43	1601-18-733-107	PUSHPAK GANAGONI
44	1601-18-733-108	ROHAN GOUD POLKUMPALLY
45	1601-18-733-109	SAI KIRAN CHETTI
46	1601-18-733-110	SAI KIRAN GANDHAM
47	1601-18-733-111	SAI SANKALP SINGH TULJARAM
48	1601-18-733-112	SAI SASANK MAJETY
49	1601-18-733-113	SAIRAJ GURRAM
50	1601-18-733-114	SAKETH REDDY VOODEM
51	1601-18-733-115	SHANMUKHA MANOJ BHARADWAJ KORRAPATI
52	1601-18-733-116	SHIVANG AGGARWAL
53	1601-18-733-117	TARUN J
54	1601-18-733-118	VARSHITH SHEGGARI
55	1601-18-733-119	VENKATA AJAY KUMAR KADIYALA
56	1601-18-733-120	VENKATA SAI NIKHIL VUYYURU
57	1601-18-733-183	MALIK ARSALAN MAJID
58	1601-18-733-184	VANEET KAPOOR
59	1601-18-733-187	RUTVA KALLAMADI
60	1601-18-733-307	MOHAMMED BASHEER UDDIN
61	1601-18-733-308	DOMAKONDA RAVI TEJA
62	1601-18-733-309	BHIMA MAANVITHA
63	1601-18-733-310	MOHAMMED HAFEEZ
64	1601-18-733-311	RANGAMOLA MOUNIKA
65	1601-18-733-312	S TEJA

f. n. g. n. g.

Head
Dept. of English
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) HYDERABAD-75

DEPARTMENT OF ENGLISH

Subject: Ethics and Society

Subject Code: CBIT/21EGV09AY 2021-22 YEAR IV SEM VIII

Total number of students: 122

VIISem Civil-I		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-732-001	AKHILA UMMANAVENA
2	1601-18-732-002	GAYATHRI MOUNIKA T V
3	1601-18-732-003	HARIPRIYA VUNNAVA
4	1601-18-732-004	HARSHITHA SANDIRI
5	1601-18-732-005	KIRAN KUMARI RAMAVATH
6	1601-18-732-006	MANASA BADRI
7	1601-18-732-007	MANASA BATHINI
8	1601-18-732-008	NEEHARIKA PUSALA
9	1601-18-732-009	PREETHI SAILLA
10	1601-18-732-010	RAJESHWARI VARUDA
11	1601-18-732-011	RAKSHITHA DAGGUBELLI
12	1601-18-732-012	SAI SINDHU KORNEPATI
13	1601-18-732-013	SATHYA SRI MASABATHINI
14	1601-18-732-014	SHILPA PAKANATI
15	1601-18-732-015	SRIHITHA VADDEPALLI
16	1601-18-732-016	TARA SRI GUGULOTHU
17	1601-18-732-017	VAISHNAVI REDDY TEEGALA
18	1601-18-732-019	VIJAYA CHEKONDA
19	1601-18-732-020	YASASWINI MATAM
20	1601-18-732-021	ABDUL RAFEY MUBASSHIR MOHAMMED
21	1601-18-732-022	ABHISHEK BEJGAM
22	1601-18-732-024	ANIL REDDY KARNE
23	1601-18-732-025	ANISH BONDADA
24	1601-18-732-026	ARVIN REDDY KADANNAGARI
25	1601-18-732-027	CHETHAN NARAYANA P
26	1601-18-732-028	GNANESHWAR BASSI
27	1601-18-732-029	GOUTHAM ANAND GUDAPURI
28	1601-18-732-030	HARI PRASAD A
29	1601-18-732-031	HEMAVARDHAN VAIGANDLA
30	1601-18-732-032	MAVEEN M
31	1601-18-732-033	NAGAHARSHITH G
32	1601-18-732-034	PAVANKALYAN BONKURI
33	1601-18-732-035	PREM KUMAR PULLA
34	1601-18-732-036	RAHUL KUNTA

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CBIT (A), Hyderabad-75.

35	1601-18-732-037	RAKESH SABBANI
36	1601-18-732-038	RAMA KRISHNA REDDY CHELIMILLA
37	1601-18-732-040	SAGAR NUNAVATH
38	1601-18-732-041	SAI KRISHNA DALADULI
39	1601-18-732-042	SAI KUMAR MUCHARLA
40	1601-18-732-043	SAI LOKESH SAMALA
41	1601-18-732-044	SANJAY REDDY CHALLA
42	1601-18-732-045	SATHWIK CHANDRA AKKINEPALLY
43	1601-18-732-046	SHIVA KUMAR GOUD DULAM
44	1601-18-732-049	SRIVENKATACHALA SUBRAHMANYA SAKETH ANGARA
45	1601-18-732-050	SURY BHARATH KOTENKY
46	1601-18-732-053	VAISHNAV CHINTHAKINDI
47	1601-18-732-054	VENKATESH BANDARU
48	1601-18-732-055	VENKATESH SAGAR GUNTI
49	1601-18-732-056	VIKHYATH REDDY GUNAPATI
50	1601-18-732-057	VISHAL TEJAS MARRI
51	1601-18-732-059	VIVEK REDDY CHERLA
52	1601-18-732-301	GADHAM NIKHIL
53	1601-18-732-302	CHIPIRICHETTI VIJAY
54	1601-18-732-303	GUJJARI DHANUSH KUMAR
55	1601-18-732-304	BANOTHU ANVESH
56	1601-18-732-305	PAKALAPATI SAI ANILKUMAR
57	1601-18-732-306	THADI JOHN KENNETH
58	1601-18-732-307	MOHAMMAD IRSHAD
59	1601-18-732-308	SHAIK SULTHANA BEGUM
60	1601-17-732-015	CHILUKURI SPANDANA
61	1601-17-732-021	JATOTHU JKRS ASHIRITH
62	1601-17-732-023	KOMMU V B S BHARATH CHANDRA

P. Raju

Head
Dept. of English
CBIT (A), Hyderabad-75.

Subject: Ethics and Society

Subject Code: CBIT/21EGV09AY 2021-22 YEAR IV SEM VIII

VIII Sem Civil-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-732-061	ANUSHA GOVATHOTI
2	1601-18-732-062	BHAVANA GADDAMIDHI
3	1601-18-732-063	JABEEN SIMRA
4	1601-18-732-064	MADHUMITHA SUREDDY
5	1601-18-732-065	REBECCA FLORENCE P
6	1601-18-732-066	SANKEERTHANA MADUGULA
7	1601-18-732-067	SHIVANI ALJAPUR
8	1601-18-732-068	SHIVANI SOMIREDDY
9	1601-18-732-069	SIRI CHANDANA DASI
10	1601-18-732-070	SRI VANI SHESHAGANI
11	1601-18-732-071	SRIVIDYA YALATI
12	1601-18-732-072	SWETHA ALAVALA
13	1601-18-732-073	ABHIRAM KATTA
14	1601-18-732-074	AHMED KHAN FAIZAN
15	1601-18-732-076	ARYAN REDDY VANGIMALLA
16	1601-18-732-077	ASHISH RAJAPURAM
17	1601-18-732-078	BALA VIGNESH DUDDALA
18	1601-18-732-080	DEVI PRANEETH KUMAR
19	1601-18-732-081	DHEERAJ KUMAR EDULAKANTI
20	1601-18-732-082	GANESH KUMAR D
21	1601-18-732-083	GNANESWAR SARMA VANAPAMALA
22	1601-18-732-084	HARI CHARAN KANURI
23	1601-18-732-085	HEMANTH MUSHKE
24	1601-18-732-086	JAI KIRAN R
25	1601-18-732-087	KALYAN KUNCHALA
26	1601-18-732-088	KIRAN BEGARI
27	1601-18-732-089	LINGALA NITHIN REDDY
28	1601-18-732-091	NAGARJUNA BANOTH
29	1601-18-732-092	NEETHAJJHEA AILABOINA
30	1601-18-732-093	NITISH KUMAR G
31	1601-18-732-094	PRANEETH REDDY AMMANA
32	1601-18-732-095	RAMCHARAN M
33	1601-18-732-096	ROHITH ALISETTY
34	1601-18-732-097	ROHITH PALLE
35	1601-18-732-099	SAI KIRAN NAIKOTI
36	1601-18-732-100	SAI TEJA AKULA
37	1601-18-732-101	SAI TEJA CHINTHAKUNTLA
38	1601-18-732-102	SANJEEV KUMAR VELPUMADUGU
39	1601-18-732-103	SHASHITEJA KALLETI

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40	1601-18-732-104	SHIVAKUMAR PARAKALA
41	1601-18-732-106	SIDDHARTHA BANDI
42	1601-18-732-108	SPANDAN KUMAR EDUPUGANTI
43	1601-18-732-109	VAMSHI KRISHNA YALJALA
44	1601-18-732-110	VAMSHI VIKYATH B
45	1601-18-732-112	VASANTH KUMAR THRIPPICHETTI
46	1601-18-732-113	VENKATA ARAVIND GANUGAPENTA
47	1601-18-732-114	venu BANOTH
48	1601-18-732-115	VISHAL KANDIKATLA
49	1601-18-732-116	VIVEK VARDHAN K
50	1601-18-732-117	ZAIDAN AHMED MOHAMMED
51	1601-18-732-309	SIDDAGONI SOWJANYA
52	1601-18-732-310	ALA TEJA SREE
53	1601-18-732-311	RATNA JYOSTHNA
54	1601-18-732-312	KAVATI SASI KALA
55	1601-18-732-313	SHAIK SHANAWAZ
56	1601-18-732-314	GUNTURU AYYAPPA MALA GOPALA
57	1601-18-732-315	CHINNARAPU HARISHANKAR
58	1601-18-732-316	EPPA AADIKESHAVA REDDY
59	1601-17-732-083	CHINTHAMALLA GOUTHAM
60	1601-17-732-089	MOHAMMAD FAREED UDDIN

f. noy abid

Head
Dept. of English
CBIT (A), Hyderabad-75.

TITLE OF THE VALUE ADDED COURSE:

Communication Skills Lab

COURSE CODE:

CBIT/21EGV02

ACADEMIC YEAR:

2021 - 22

TARGET PARTICIPANTS:

Final Year Students - VII

DURATION OF THE COURSE:

40 hours/ 10 weeks

P. Nijal

Head
Dept. of English
CBIT (A), Hyderabad-75.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)HYDERABAD-75

DEPARTMENT OF ENGLISH

VALUE ADDED COURSE

Subject: Communication Skills Lab Subject Code: CBIT/21EGV02

AY 2021-22 YEAR IV SEM VII

Total number of students: 120

VII Sem Civil-1		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-732-001	AKHILA UMMANAVENA
2	1601-18-732-002	GAYATHRI MOUNIKA T V
3	1601-18-732-003	HARIPRIYA VUNNAVA
4	1601-18-732-004	HARSHITHA SANDIRI
5	1601-18-732-005	KIRAN KUMARI RAMAVATH
6	1601-18-732-006	MANASA BADRI
7	1601-18-732-007	MANASA BATHINI
8	1601-18-732-008	NEEHARIKA PUSALA
9	1601-18-732-009	PREETHI SAILLA
10	1601-18-732-010	RAJESHWARI VARUDA
11	1601-18-732-011	RAKSHITHA DAGGUBELLI
12	1601-18-732-012	SAI SINDHU KORNEPATI
13	1601-18-732-013	SATHYA SRI MASABATHINI
14	1601-18-732-014	SHILPA PAKANATI
15	1601-18-732-015	SRIHITHA VADDEPALLI
16	1601-18-732-016	TARA SRI GUGULOTHU
17	1601-18-732-017	VAISHNAVI REDDY TEEGALA
18	1601-18-732-019	VIJAYA CHEKONDA
19	1601-18-732-020	YASASWINI MATAM
20	1601-18-732-021	ABDUL RAFEY MUBASSHIR MOHAMMED
21	1601-18-732-022	ABHISHEK BEJGAM
22	1601-18-732-024	ANIL REDDY KARNE
23	1601-18-732-025	ANISH BONDADA
24	1601-18-732-026	ARVIN REDDY KADANNAGARI
25	1601-18-732-027	CHEZHAN NARAYANA P
26	1601-18-732-028	GNANESHWAR BASSI
27	1601-18-732-029	GOUTHAM ANAND GUDAPURI
28	1601-18-732-030	HARI PRASAD A
29	1601-18-732-031	HEMAVARDHAN VAIGANDLA
30	1601-18-732-032	MAVEEN M
31	1601-18-732-033	NAGAHARSHITH G
32	1601-18-732-034	PAVANKALYAN BONKURI
33	1601-18-732-035	PREM KUMAR PULLA

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34	1601-18-732-036	RAHUL KUNTA
35	1601-18-732-037	RAKESH SABBANI
36	1601-18-732-038	RAMA KRISHNA REDDY CHELIMILLA
37	1601-18-732-040	SAGAR NUNAVATH
38	1601-18-732-041	SAI KRISHNA DALADULI
39	1601-18-732-042	SAI KUMAR MUCHARLA
40	1601-18-732-043	SAI LOKESH SAMALA
41	1601-18-732-044	SANJAY REDDY CHALLA
42	1601-18-732-045	SATHWIK CHANDRA AKKINEPALLY
43	1601-18-732-046	SHIVA KUMAR GOUD DULAM
44	1601-18-732-049	SRIVENKATACHALA SUBRAHMANYA SAKETH ANGARA
45	1601-18-732-050	SURY BHARATH KOTENKY
46	1601-18-732-053	VAISHNAV CHINTHAKINDI
47	1601-18-732-054	VENKATESH BANDARU
48	1601-18-732-055	VENKATESH SAGAR GUNTI
49	1601-18-732-056	VIKHYATH REDDY GUNAPATI
50	1601-18-732-057	VISHAL TEJAS MARRI
51	1601-18-732-059	VIVEK REDDY CHERLA
52	1601-18-732-301	GADHAM NIKHIL
53	1601-18-732-302	CHIPIRICHETTI VIJAY
54	1601-18-732-303	GUJJARI DHANUSH KUMAR
55	1601-18-732-304	BANOTHU ANVESH
56	1601-18-732-305	PAKALAPATI SAI ANILKUMAR
57	1601-18-732-306	THADI JOHN KENNETH
58	1601-18-732-307	MOHAMMAD IRSHAD
59	1601-18-732-308	SHAIK SULTHANA BEGUM
60	1601-17-732-015	CHILUKURI SPANDANA

P. Nayab Ali

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Subject: Communication Skills Lab Subject Code: CBIT/21EGV02

AY 2021-22 YEAR IV SEM VII

VII Sem Civil-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-732-061	ANUSHA GOVATHOTI
2	1601-18-732-062	BHAVANA GADDAMIDHI
3	1601-18-732-063	JABEEN SIMRA
4	1601-18-732-064	MADHUMITHA SUREDDY
5	1601-18-732-065	REBECCA FLORENCE P
6	1601-18-732-066	SANKEERTHANA MADUGULA
7	1601-18-732-067	SHIVANI ALJAPUR
8	1601-18-732-068	SHIVANI SOMIREDDY
9	1601-18-732-069	SIRI CHANDANA DASI
10	1601-18-732-070	SRI VANI SHESHAGANI
11	1601-18-732-071	SRIVIDYA YALATI
12	1601-18-732-072	SWETHA ALAVALA
13	1601-18-732-073	ABHIRAM KATTA
14	1601-18-732-074	AHMED KHAN FAIZAAN
15	1601-18-732-076	ARYAN REDDY VANGIMALLA
16	1601-18-732-077	ASHISH RAJAPURAM
17	1601-18-732-078	BALA VIGNESH DUDDALA
18	1601-18-732-080	DEVI PRANEETH KUMAR
19	1601-18-732-081	DHEERAJ KUMAR EDULAKANTI
20	1601-18-732-082	GANESH KUMAR D
21	1601-18-732-083	GNANESWAR SARMA VANAPAMALA
22	1601-18-732-084	HARI CHARAN KANURI
23	1601-18-732-085	HEMANTH MUSHKE
24	1601-18-732-086	JAI KIRAN R
25	1601-18-732-087	KALYAN KUNCHALA
26	1601-18-732-088	KIRAN BEGARI
27	1601-18-732-089	LINGALA NITHIN REDDY
28	1601-18-732-091	NAGARJUNA BANOTH
29	1601-18-732-092	NEETHAJJHEA AILABOINA
30	1601-18-732-093	NITISH KUMAR G
31	1601-18-732-094	PRANEETH REDDY AMMANA
32	1601-18-732-095	RAMCHARAN M
33	1601-18-732-096	ROHITH ALISETTY
34	1601-18-732-097	ROHITH PALLE
35	1601-18-732-099	SAI KIRAN NAIKOTI
36	1601-18-732-100	SAI TEJA AKULA
37	1601-18-732-101	SAI TEJA CHINTHAKUNTLA

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38	1601-18-732-102	SANJEEV KUMAR VELPUMADUGU
39	1601-18-732-103	SHASHITEJA KALLETI
40	1601-18-732-104	SHIVAKUMAR PARAKALA
41	1601-18-732-106	SIDDHARTHA BANDI
42	1601-18-732-108	SPANDAN KUMAR EDUPUGANTI
43	1601-18-732-109	VAMSHI KRISHNA YALLJALA
44	1601-18-732-110	VAMSHI VIKYATH B
45	1601-18-732-112	VASANTH KUMAR THRIIPPICHETTI
46	1601-18-732-113	VENKATA ARAVIND GANUGAPENTA
47	1601-18-732-114	venu BANOTH
48	1601-18-732-115	VISHAL KANDIKATLA
49	1601-18-732-116	VIVEK VARDHAN K
50	1601-18-732-117	ZAIDAN AHMED MOHAMMED
51	1601-18-732-309	SIDDAGONI SOWJANYA
52	1601-18-732-310	ALA TEJA SREE
53	1601-18-732-311	RATNA JYOSTHNA
54	1601-18-732-312	KAVATI SASI KALA
55	1601-18-732-313	SHAIK SHANAWAZ
56	1601-18-732-314	GUNTURU AYYAPPA MALA GOPALA
57	1601-18-732-315	CHINNARAPU HARISHANKAR
58	1601-18-732-316	EPPA AADIKESHAVA REDDY
59	1601-17-732-083	CHINTHAMALLA GOUTHAM
60	1601-17-732-089	MOHAMMAD FAREED UDDIN

A Roy

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) HYDERABAD-75

DEPARTMENT OF ENGLISH

Subject: Communication Skills Lab

Subject Code: CBIT/21EGV02AY 2021-22 YEAR IV SEM VIII

Total number of students: 120

VIISem Mech-1		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-736-001	HRITHIKA GOUD MUNUKUNTLA
2	1601-18-736-002	MEHATHA BANU SHAIK
3	1601-18-736-003	PAVITRA PULI
4	1601-18-736-004	SNEHITHA TERUPALLY
5	1601-18-736-005	YAMINI MEDIKONDA
6	1601-18-736-006	ABDUL HASEEB MOHAMMED
7	1601-18-736-007	AKARSH REDDY CHEDEPUDI
8	1601-18-736-008	AMARENDRA PRASAD M
9	1601-18-736-009	AMER MOHAMMAD
10	1601-18-736-010	ANIRUDH SAMALA
11	1601-18-736-011	ASHISH CHOUDHARY RATHOD
12	1601-18-736-012	CHINNIKALYAN MEDAM
13	1601-18-736-013	DEEKSHITH A
14	1601-18-736-014	DINESH CHANDRA GUPTA MALEPATI
15	1601-18-736-015	GOPISAINATH MAMINDLAPALLI
16	1601-18-736-017	JANARDHAN REDDY NANDHYALA
17	1601-18-736-018	JAYA SAI SHASHANK NEELAMRAJU
18	1601-18-736-019	KRANTHI SAI RAJOJU
19	1601-18-736-020	MANIDEEP MUTHYALA
20	1601-18-736-021	MANIKANTA CHARY MUNIGADAPA
21	1601-18-736-022	MANOJ KUMAR PENUGONDA
22	1601-18-736-023	MANOJ MIRIYALA
23	1601-18-736-024	NARANDHRA VARMA RUDRARAJU
24	1601-18-736-025	NIGAMANANDA JANJANAM
25	1601-18-736-026	PRANAV PINJARLA
26	1601-18-736-027	PRANAY KUNAMALLA
27	1601-18-736-028	PRANAY SANTHOSH KANAPARTHY
28	1601-18-736-029	PRUDVI RAM PAMULA
29	1601-18-736-030	PURNACHANDRA RAO GUTTIKONDA
30	1601-18-736-031	RAHUL SANJAY BHILARE
31	1601-18-736-032	ROHAN YALAMANCHILI
32	1601-18-736-033	ROHIT DAMPETLA
33	1601-18-736-034	ROHITH KUMAR CHIMALA

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34	1601-18-736-035	ROHITH REDDY KATTA
35	1601-18-736-036	SAI CHINNU BIYYALA
36	1601-18-736-037	SAI GANESH GUNDA
37	1601-18-736-038	SAI KAMAL REDDY CHINTAGUNTLA
38	1601-18-736-039	SAI LAXMAN TANUJ VIMMADISETTY
39	1601-18-736-040	SAIMANIKANTA AKASAPU
40	1601-18-736-041	SASHREEK REDDY MALLEM
41	1601-18-736-042	SAYEED SHAIK
42	1601-18-736-043	SHAHZAIN UMER BAIG MIRZA
43	1601-18-736-044	SHIVA SHANKAR GANDE
44	1601-18-736-045	SRIHARSH POLINENI
45	1601-18-736-046	SUMEET M
46	1601-18-736-047	THARUN AMGOTHU
47	1601-18-736-048	UMESH CHANDRA BONTHI
48	1601-18-736-049	UTTAM KUMAR T
49	1601-18-736-050	VEERAREDDY SUDIPTH R
50	1601-18-736-051	VENKATA VIDHYA SAGAR KEERTHI
51	1601-18-736-052	VIJAY GANESH KATINEEDI
52	1601-18-736-053	VINOD KUMAR KONDIGARI
53	1601-18-736-054	VIRAT VIGHNESH G
54	1601-18-736-301	KASAGONI SUBHASH
55	1601-18-736-302	UMMAREDDY KRISHNA PRASAD REDDY
56	1601-18-736-303	T SHIVA GOUD
57	1601-18-736-304	SHAIK CHAND PASHA
58	1601-18-736-305	YERRABOINA VAMSHI KRISHNA
59	1601-18-736-306	KAJAM SHIVANI
60	1601-18-736-307	SYED NAYEEMULLAH HUSSAINI
61	1601-17-736-021	MALOTHU HEMANTH
62	1601-17-736-030	MOHAMMED SAIFUDDIN
63	1601-17-736-038	SACHITH GOUD SANGAM

P. Raju

Head
Dept. of English
CBIT (A), Hyderabad-75.

Subject: Communication Skills Lab

Subject Code: CBIT/21EGV02 AY 2021-22 YEAR IV SEM VIII

VIII Sem Mech-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-736-061	KRITI SARILLA
2	1601-18-736-062	MOUNIKA BUSHIPAKA
3	1601-18-736-063	PRANAVA G
4	1601-18-736-064	RANI MAMIDI
5	1601-18-736-065	SAMHITHA REDDY GONTU
6	1601-18-736-066	SREE NANDINI PEGUDA
7	1601-18-736-067	VAISHNAVI MANCHERLA
8	1601-18-736-068	VIJAYENDER ARAVINDAM GUNNALA
9	1601-18-736-069	ABDUL RAHEEMUDDIN MOHAMMED
10	1601-18-736-071	ALI KHAN SIRAJ LODHI
11	1601-18-736-072	ANANDA PRASAD RAO MOLUGU
12	1601-18-736-073	ATIF ALI MIR
13	1601-18-736-074	BHAGATH CHELPURI
14	1601-18-736-075	CHAITANYA SANAPALA
15	1601-18-736-076	CHETAN MANI CHANDRA VALLAKATTI
16	1601-18-736-077	IDRIS MADRASWALA MUFFADAL
17	1601-18-736-078	JASHWANTH MADGULA
18	1601-18-736-079	KISHORE KALLEM
19	1601-18-736-080	KRISHNA SURYA VARMA NADIMPALLI
20	1601-18-736-081	MANAS JAIN LODHA
21	1601-18-736-082	MANI VARDHAN REDDY A
22	1601-18-736-083	NACHIKETH PATNAIK ITTIKI
23	1601-18-736-084	NARENDRA SAGAR U
24	1601-18-736-086	NIKHIL REDDY RAGI
25	1601-18-736-087	PIYUSH BHUSHAN MATHE
26	1601-18-736-089	SADANAND KATUKURI
27	1601-18-736-090	SAI KIRAN TAMMANNAGARI
28	1601-18-736-091	SAI KRISHNA JANIGA
29	1601-18-736-092	SAMPATH KANDELA
30	1601-18-736-093	SATAYANARAYANA S
31	1601-18-736-094	SATYA SAI KATURU
32	1601-18-736-097	SRAVAN POTHANASHETTI
33	1601-18-736-098	SREERAM GONELA
34	1601-18-736-099	SRI HARSHA MANCHUKONDA
35	1601-18-736-100	SRIRAJ REDDY PASUNURI

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36	1601-18-736-101	SUHAIR AHMED SYED
37	1601-18-736-102	SUHAS REDDY KARNA
38	1601-18-736-103	VAMSHI KRISHNA REDDY G
39	1601-18-736-104	VAMSHIDHAR REDDY NANDINENI
40	1601-18-736-105	VARSHITH B V S T
41	1601-18-736-106	VASANTH PATEL ANDELA
42	1601-18-736-107	VENKATA KOUSHIK BAKKAMUNTHALA
43	1601-18-736-108	VENKATA SAI BATHULA
44	1601-18-736-109	VIJAY SAI D
45	1601-18-736-110	VIJAYENDRA VEMULA
46	1601-18-736-111	YASHPAL KUMAR REDDY ANNAPUREDDY
47	1601-18-736-112	YASHWANTH REDDY EDAMAKANTI
48	1601-18-736-308	SINGIREDDY SHIVA KESHAV
49	1601-18-736-309	CHINTHALA VANAJA
50	1601-18-736-312	RAYALA SHIRISHA
51	1601-18-736-313	A VIKAS
52	1601-18-736-314	MOHAMMED ZAFAR UMAIR
53	1601-17-736-090	NAVEEN SANJEEV ASHWIN VIPPARTI
54	1601-17-736-092	NITEESH CHANDRA GANNAMANENI
55	1601-17-736-097	A RAVI
56	1601-16-736-110	SRIKANTH YADAV A
57	1601-16-736-316	THALLA RAKESH

P. Raj Reddy

Head
Dept. of English
CBIT (A), Hyderabad-75.

**TITLE OF THE VALUE-ADDED COURSE: -
ENGINEERING GEOLOGY**

**COURSE CODE: -
CBIT/21CEV001**

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
ENGINEERING GEOLOGY DETAILS_3RD SEM (A1 & A2)
VALUE ADDED COURSE
CONDUCTED DURING 09-10-2021 TO 05-01-2022

EG_3RD SEM (A1 & A2)				
S. No	Section (A1/A2)	Roll No.	Name of Student	(ENGINEERING GEOLOGY (EG))
1	A1	1601-20-732-002	ANJALI GANGARAPU	EG
2	A1	1601-20-732-003	ANUSHA KEESARA	EG
3	A1	1601-20-732-005	CHARMILA VANTEPAKA	EG
4	A1	1601-20-732-012	RENUKA AMRUTHAM	EG
5	A1	1601-20-732-014	SHIVA KEERTHANA GADDALA	EG
6	A1	1601-20-732-015	SHRAVYA UPPU	EG
7	A1	1601-20-732-017	SREEJA MARUPAKA	EG
8	A1	1601-20-732-019	SUCHARITHA CHALAMALLA	EG
9	A1	1601-20-732-020	SUPRIYA GOLI	EG
10	A1	1601-20-732-022	THARANI ANTHIREDDY	EG
11	A1	1601-20-732-026	ADHARSH SOMISHETTY	EG
12	A1	1601-20-732-028	BALA SAIDULU GUNJA	EG
13	A1	1601-20-732-032	CHEZHANYA VARA PRASAD GADARI	EG
14	A1	1601-20-732-034	HARIKRISHNA NARAYANDAS	EG
15	A1	1601-20-732-035	HARSHITH SAI SAMUDRALA	EG
16	A1	1601-20-732-036	IRFAN SHAIK	EG
17	A1	1601-20-732-040	MURALI KRISHNA RAO VAZEER	EG
18	A1	1601-20-732-043	NITHISH BOIDI	EG
19	A1	1601-20-732-045	RAJITH SOMISETTY	EG
20	A1	1601-20-732-047	RAMAKRISHNA BANDI	EG
21	A1	1601-20-732-049	REVANTH THANEERU	EG
22	A1	1601-20-732-050	SAHITH REDDY THUMMALA	EG
23	A1	1601-20-732-051	SAI KIRAN KANUGULA	EG
24	A1	1601-20-732-053	SANTHOSH MEESALA	EG
25	A1	1601-20-732-055	SHRIHARSHA G	EG

26	A1	1601-20-732-056	VENKATA SANDEEP KUMAR REDDY R	EG
27	A1	1601-20-732-302	KUNDETI SAI PRASAD	EG
28	A1	1601-20-732-304	VEMULA PRANAY	EG
29	A1	1601-20-732-306	THUPARI SHASHANK	EG
30	A1	1601-20-732-314	RAMAGIRI SAI SHASHANK	EG
31	A1	1601-20-732-315	VADITHYA SAINATH	EG
32	A2	1601-20-732-061	AKSHITHA PRIYA OGGU	EG
33	A2	1601-20-732-064	HARI PRIYA T	EG
34	A2	1601-20-732-068	REKHA VADDE	EG
35	A2	1601-20-732-072	SRUTHI JAJAM	EG
36	A2	1601-20-732-074	VAISHNAVI KALAKUNTLA	EG
37	A2	1601-20-732-075	ABDUL SAMI SYED	EG
38	A2	1601-20-732-078	BHARATH REDDY MUNNANGI	EG
39	A2	1601-20-732-080	CHARAN KUMAR SHIVARATHRI	EG
40	A2	1601-20-732-083	ISAACNEWTON ARPULA	EG
41	A2	1601-20-732-085	KOUSHIK TIPPARTHI	EG
42	A2	1601-20-732-087	MANOJ AMBATI	EG
43	A2	1601-20-732-088	NAVEEN GUGULOTH	EG
44	A2	1601-20-732-089	NIKHIL BODDUPALLY	EG
45	A2	1601-20-732-090	PRATHEEK REDDY THANDRA	EG
46	A2	1601-20-732-091	RANJITH KUMAR BANOTH	EG
47	A2	1601-20-732-092	RAVI VARMA JUPAKA	EG
48	A2	1601-20-732-093	SAI KISHORE VARDHAN M	EG
49	A2	1601-20-732-095	SAI SHIVA VENREDDY	EG
50	A2	1601-20-732-097	SAI TEJA YADAV MANNEMONI	EG
51	A2	1601-20-732-098	SAKESH REDDY AKURI	EG
52	A2	1601-20-732-099	SAMEER KHAN MD	EG
53	A2	1601-20-732-100	SANEETH M	EG
54	A2	1601-20-732-103	SHIVA MUDIPELLI	EG
55	A2	1601-20-732-105	SHRUJAN CHADA	EG
56	A2	1601-20-732-106	SIDDU PRASAD REDDY KOPPULA	EG
57	A2	1601-20-732-108	SUHAS YADAV GANGILI JATIN	EG
58	A2	1601-20-732-109	SUJITH REDDY DULAM	EG
59	A2	1601-20-732-115	VISHWAJITH REDDY KUNCHALA	EG
60	A2	1601-20-732-116	YAKUB GUGULOTHU	EG
61	A2	1601-20-732-122	RISHITA SHARMA	EG
62	A2	1601-20-732-317	BUPPERGUDEM POORNA GOUD	EG

TITLE OF THE VALUE ADDED COURSE: Communicative English

COURSE CODE: CBIT/21EGV01

ACADEMIC YEAR: 2021 - 22

TARGET PARTICIPANTS: Final Year Students - VII

DURATION OF THE COURSE: 40 hours/ 10 weeks

P. Raj Kumar

Head
Dept. of English
CBIT (A), Hyderabad-75.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)HYDERABAD-75

DEPARTMENT OF ENGLISH

VALUE ADDED COURSE

Subject: Communicative English Subject Code: CBIT/21EGV01

AY 2021-22 YEAR IV SEM VII

Total number of students: 120

VII Sem Electrical& Electronics Engineering-1		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-734-001	CHANDRAKALA KUMMARI
2	1601-18-734-002	DHARANI PUTLA
3	1601-18-734-003	INDRANI GUJJA
4	1601-18-734-004	KAVYA TAMMALI
5	1601-18-734-005	KEERTHANA CHIMARLA
6	1601-18-734-006	KEERTHANA REDDY SOLIPURAM
7	1601-18-734-007	KHYATI BHAREDWAJ
8	1601-18-734-008	LAXMIPRIYA JAGATHKARI
9	1601-18-734-009	MAHATHI KASHA
10	1601-18-734-010	MANIDEEPIKA REDDY MYAKA
11	1601-18-734-011	NAZIYA BEGUM
12	1601-18-734-012	NEHASREE P
13	1601-18-734-013	PRAVEENA BOBBALA
14	1601-18-734-014	PRIYANKA BAKKAREDDY
15	1601-18-734-015	RANI ERPULA
16	1601-18-734-016	RASAGNA BATTULA
17	1601-18-734-017	SAHITHI PRIYA RATHOD KANDANELLY
18	1601-18-734-018	SAI AKSHAYA DARAPU
19	1601-18-734-019	SRAVANI SHIVARATHRI
20	1601-18-734-020	SRINIDHI REDDY NARAYANA
21	1601-18-734-021	SUSHMITHA VATTIKONDA
22	1601-18-734-022	VAISHNAVI SANIKOMMU
23	1601-18-734-023	VARSHITHA BURRA
24	1601-18-734-024	VASAVI THODUPUNURI
25	1601-18-734-025	VINUTHNA REDDY GUTHA
26	1601-18-734-026	ADITH CHANDRA KANTHALA
27	1601-18-734-027	ADITHYA KULAKARNI
28	1601-18-734-028	AMAAN FAROOQUI MOHAMMED
29	1601-18-734-029	CHINNA RAMUDU K
30	1601-18-734-030	DILEEP KUMAR KOBBAI
31	1601-18-734-031	KSHITEISSH BHARADWAJ
32	1601-18-734-032	MANI DEEP AGGADI

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33	1601-18-734-033	NABEEL KHAN
34	1601-18-734-034	NAMAN GUPTA
35	1601-18-734-035	NAVEEN AMANCHI
36	1601-18-734-036	NAVID PABANI
37	1601-18-734-037	NITHIN NARAYANA
38	1601-18-734-039	RAGHAVESHWAR GUGGILLA
39	1601-18-734-040	RAMA KRISHNA SAI MOTUPALLI
40	1601-18-734-041	RASHMITH REDDY ARRA
41	1601-18-734-042	SAI RAGHU CHILLAMCHARLA
42	1601-18-734-043	SAI SIDHARTH KSHYAP D
43	1601-18-734-044	SAI SRINIVAS MOTHUKURI
44	1601-18-734-045	SAI SRUJAN VANGALA
45	1601-18-734-046	SANJAY GUDIMALLA
46	1601-18-734-047	SHANMUKHESH M
47	1601-18-734-049	SIDDARTH BOGE
48	1601-18-734-050	SUHAS REDDY M
49	1601-18-734-051	TARUN G
50	1601-18-734-052	TARUN NUGURI
51	1601-18-734-053	VEERAPRADYUN GONUGONDLA
52	1601-18-734-054	VENU KALVA
53	1601-18-734-055	VINAY KUMAR KATAKAM
54	1601-18-734-056	VINEETH CHENNA
55	1601-18-734-057	VISHWAS P
56	1601-18-734-058	ZIYAD AHMED MOHAMMED
57	1601-18-734-301	BIRRU VEDAVYAS
58	1601-18-734-302	T KARTHIK
59	1601-18-734-303	MUNJA YAMINI
60	1601-18-734-304	RAMAVATH SAIKUMAR

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Subject: Communicative English Subject Code: CBIT/21EGV01

AY 2021-22 YEAR IV SEM VII

VII Sem Electrical& Electronics Engineering-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-734-061	BHARGAVI SINGAJOGI
2	1601-18-734-062	CHELLA MEENAKSHI S
3	1601-18-734-063	KAVYA PINNEBOINA
4	1601-18-734-064	LOHITHA REDDY ANNADI
5	1601-18-734-065	MANASVINI KOTTAPALLY
6	1601-18-734-066	NISHITHA SURUKANTI
7	1601-18-734-067	NISHMA REDDY KASTURI
8	1601-18-734-068	RACHEL A
9	1601-18-734-069	RISHITHA ARIKOTLA
10	1601-18-734-070	SAI VARSIIA MAKTHAL
11	1601-18-734-071	SANDHYA KORRA
12	1601-18-734-072	SNEHA BHANDHAVI THUMU
13	1601-18-734-073	SOUMYA BANDLA
14	1601-18-734-074	SRAVANTHI GUDIVENUKA
15	1601-18-734-075	SRAVANTHI SADINENI
16	1601-18-734-076	SRAVYA SANKARNENI
17	1601-18-734-077	SREE VIDYA GOLLA
18	1601-18-734-078	SUNITHA RANI PITLA
19	1601-18-734-079	UMMAY SALMA
20	1601-18-734-080	ABHISHEK M
21	1601-18-734-081	ABHISHEKH MUTHYALA
22	1601-18-734-082	AJAY GUNNALA
23	1601-18-734-083	AKSHAY MORE
24	1601-18-734-084	CHAKRAVARTHY DANGATLA
25	1601-18-734-085	CHARAN KUMAR CHERUPALLY
26	1601-18-734-086	DINESH BUKYA
27	1601-18-734-087	ESWAR TEJA CHAVA
28	1601-18-734-088	HARI KIRAN VAGIRI
29	1601-18-734-089	JAYANTH DARAMALLA
30	1601-18-734-090	JEEVAN KUMAR G
31	1601-18-734-091	LOKESH GULLAPALLI
32	1601-18-734-092	MANIDEEP PANDULA
33	1601-18-734-094	NAVEEN DONTHULA
34	1601-18-734-095	PRUDHVI MURUKUTLA
35	1601-18-734-097	RAKESH ANNAM
36	1601-18-734-099	SAI LOKESH REDDY NANDAVARAPU
37	1601-18-734-100	SAI TEJA KOTHAKONDA
38	1601-18-734-101	SAIKIRAN KOLLOJU
39	1601-18-734-102	SAITEJA VARMA LAKKARSU

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40	1601-18-734-104	SHERANK DASARATH
41	1601-18-734-105	SHIVA ANIMESH REDDY CHITTI
42	1601-18-734-106	SOHAN KUMAR RUSTUMPET
43	1601-18-734-107	SRI SAI WENKAT NIZAMPATNAM
44	1601-18-734-108	SRI VAMSI DEEVI
45	1601-18-734-109	SRINIVAS GAURAV JAMALPUR
46	1601-18-734-110	SUJITH REDDY MUTHYLA
47	1601-18-734-111	SUMANTH SETTY
48	1601-18-734-112	TARUN CH NSNS
49	1601-18-734-113	UDAY SHANKAR DODDI
50	1601-18-734-114	VENKATA MANIKANTA SAI AMALAKANTI
51	1601-18-734-115	VENKATA SAI VARUN P
52	1601-18-734-116	VENKATESH BABU THADURI
53	1601-18-734-117	VINAY MOVVA
54	1601-18-734-118	YESHWANTH KUMAR BODDU
55	1601-18-734-119	YOGESH VENKANNAGARI
56	1601-18-734-307	DOKILE UMESH
57	1601-18-734-308	RAYABARAPU NAVYA
58	1601-18-734-309	VADDADI VIKAS
59	1601-18-734-310	VALUPADASU BUDDIK VARARAJ
60	1601-18-734-311	NENAVATH PRASHANTH

P. Raju

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TITLE OF THE VALUE ADDED COURSE

Basic Data Structures

Code: 20 CS C06

Duration: 40 Hours

Academic year: 2021-22



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SYLLABUS

With effect from the Academic Year 2021-2022

20CS C06

Basics of Data Structures (Common for all Programmes except CSE & IT)

Instruction	2 Hours per week
Duration of Semester End Examination	3 Hours
SEE	60 Marks
CIE	40 Marks
Credits	2

Prerequisites:

Basic knowledge of programming language such as C or C++ is preferred (but not mandatory) and some mathematical maturity also will be expected.

Course Objectives:

1. Basic linear and non-linear data structures.
2. Analyzing the performance of operations on data structures.
3. Different sorting and searching techniques and their complexities.

Course Outcomes:

- The students will be able to
1. Identify various data structures, searching & sorting techniques and their applications.
 2. Describe the linear and non-linear data structures, searching and sorting techniques.
 3. Apply suitable data structures to solve problems.
 4. Analyze various searching and sorting techniques.
 5. Evaluate the linear and non-linear data structures.

UNIT – 1

Introduction: Data Types, Data structures, Types of Data Structures, Operations, ADTs, Algorithms, Comparison of Algorithms- Complexity- Time and space tradeoff.

Recursion: Introduction, format of recursive functions, recursion Vs. Iteration, examples.

UNIT – 2

Linked Lists: Introduction, Linked lists and types, Representation of linked list, operations on linked list, Comparison of Linked Lists with Arrays and Dynamic Arrays.

UNIT – 3

Stacks and Queues: Introduction to stacks, applications of stacks, implementation and comparison of stack implementations. Introduction to queues, applications of queues and implementations, Priority Queues and applications

Searching and Sorting: Linear searching, binary Searching, sorting algorithms- bubble sort, selection sort, quick sort, heap sort

UNIT – 4

Trees: Definitions and Concepts, Operations on Binary Trees, Representation of binary tree, Conversion of General Trees to Binary Trees, Representations of Trees, Tree Traversals, Binary search Tree.

Unit-5


Graphs: Introduction, Applications of graphs, Graph representations, graph traversals, Minimal Spanning Trees

Text Books:

1. Narasimha Karumanchi "Data Structures and Algorithms Made Easy", Career Monk Publications, 2017
2. E.Horowitz, S. Sahni and Susan Anderson-Freed, "Fundamentals of Data structures in C", Silicon Pr; 2 edition (1 August 2007)
3. ReemaThareja, "Data Structures using C", Oxford, 2014


Suggested Reading:

1. https://www.tutorialspoint.com/data_structures_algorithms/index.htm
2. <https://www.edx.org/course/foundations-of-data-structures>


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Time Table

Brach: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday							
Wednesday							
Thursday							
Friday		Basic Data Structures					
Saturday							



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Gandipet, Hyderabad - 75

List of Participants:-


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2.	BOBBILI AKANKSHA	
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29.	MD FERDOUES	
30.	VADDE GANESH	
31.	GADDE GNANDEEP	
32.	VUTUKURI GOPICHAND	
33.	MANDAPATI HONNESH	
34.	KADARI KOWSHIKK	
35.	SAKAM MANIKANTA REDDY	
36.	MEESALA MANOJ KOUSHIK SOSA	
37.	NANNEBOYINA MANOJ	
38.	MOHAMMED RAYYAN	


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39.	EGA PRAGHNAY REDDY
40.	AMGOTH RAVINDER NAIK
41.	GAJWARI SAI KIRAN
42.	SAI NIRANSHU ANNAM
43.	DOPPA SAI THARUN
44.	DEVARUPPULA SAIRAM
45.	SAITEJA DASARIVENKATESHWARARAO
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76.	MALLAIAHGARI PAVANI
77.	ANTHANI PRAVALIKA
78.	NAGULA RACHANA
79.	GUJJA RISHITHA
80.	NANDIKONDA SAIARUN
81.	BOUTHU SHASHANKA


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82.	TEYNAMPET SHREYA
83.	GUNDA SREESHMA
84.	GUNDA SRINITHA
85.	PIDUGU SWATHI
86.	D VAISHNAVI
87.	VAIDYA VARSHITHA
88.	ABDUL JAVVAD AHMED
89.	ABHINAV PEDDINI
90.	ABHISHEK TOLUVA
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92.	DEVESH BAHADUR NEWAR
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94.	RASAMADUGU HAREYAANK
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106.	SANGANI PAVAN KUMAR
107.	PUSULURI PRANAY
108.	P PREM KUMAR
109.	BASHABOINA RAJU
110.	RISHIKESH PISKA
111.	RUHAAN AHMED KHAN
112.	MADDULA SAI KIRAN
113.	DHARAVATH SAIKUMAR
114.	SHIVANADHULA SAITEJA
115.	GANDLA SAKETH KUMAR
116.	LAKKEPURAM SHIVA PRANAY
117.	MARRI SHREYAN
118.	MACHARLA SIDDHARTHA
119.	PADALA SRAVAN KUMAR
120.	MAKTHALA UDAY KIRAN GOUD
121.	BHUKYA VIGNESH
122.	NALLA VISHNU TEJA
123.	BEETHI VIVEK
124.	GUDLA SUSHMITHA


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125.	K CHINNA RAMUDU	
126.	KOBBAI DILEEP KUMAR	
127.	NAMAN GUPTA	
128.	PATTURI SAI PRIYA	
129.	GATTU VAMSHI	
130.	GANGULA AKASH	
131.	YADAGIRI AKANKSHA	
132.	MUZAFFAR NAVEED	


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TITLE OF THE VALUE ADDED COURSE

Basic Data Structures Lab

Code: 20 CS C07

Duration: 40 Hours

Academic year: 2021-22



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20CS C07

Basics of Data Structures Lab
(Common for all Programmes except CSE & IT)

Instruction	2 Hours per week
Duration of Semester End Examination	3 Hours
Semester End Examination	50 Marks
CIE	50 Marks
Credits	1

Pre-requisites: Any Programming Language

Course Objectives:

1. Design and construct simple programs by using the concepts of Data structures as abstract data type.
2. To have a broad idea about how efficiently pointers can be used in the implement of data structures.
3. To enhance programming skills while improving their practical knowledge in data structures.
4. To strengthen the practical ability to apply suitable data structure for real time applications.

Course Outcomes: The students will be able to

1. Implement the abstract data type.
2. Demonstrate the operations on stacks, queues using arrays and linked lists
3. Apply the suitable data structures including stacks, queues to solve problems
4. Analyze various searching and sorting techniques.
5. Choose proper data structures, sorting and searching techniques to solve real world problems


List of Experiments

1. Implementation of operations on arrays
2. Implementation of Stack.
3. Implementation of Queue.
4. Implementation of basic operations on Single Linked List.
5. Implementation of Searching techniques.
6. Implementation of Sorting Techniques
7. Case study like Banking System, Students Marks Management, Canteen Management, Library Management etc

Text Books

1. Brian W Kernighan, Dennis Ritchie, C Programming Language, PH PTR, 2nd Edition.

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3. Implementation of Queue.
4. Implementation of basic operations on Single Linked List.
5. Implementation of Searching techniques.
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7. Case study like Banking System, Students Marks Management, Canteen Management, Library Management etc

Text Books

1. Brian W Kernighan, Dennis Ritchie, C Programming Language, PH PTR, 2nd Edition.
2. Richard M Reese, Understanding and Using C Pointers, O'Reily , 2013.

Web Links


1. <https://nptel.ac.in/courses/106102064/>
2. <https://www.udemy.com/algorithms-and-data-structures-in-python/>

CO-PO & PSO Correlation Articulation Matrix-BDS Lab

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO-1	2	2	1	-	-	-	-	-	-	-	-	-			
CO-2	1	2	1	2	-	-	-	-	-	-	-	-			
CO-3	2	2	1	-	-	-	-	-	-	-	-	-			
CO-4	2	3	1	-	-	-	-	-	-	-	-	-			
CO-5	2	3	2	-	-	-	-	-	-	-	-	-			


Time Table

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Monday				LUNCH			
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Wednesday							
Thursday							
Friday							
Saturday			Basic Data Structures Lab				



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42.	SAI NIRANSHU ANNAM
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84.	GUNDA SRINITHA


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106.	SANGANI PAVAN KUMAR
107.	PUSULURI PRANAY
108.	P PREM KUMAR
109.	BASHABOINA RAJU
110.	RISHIKESH PISKA
111.	RUHAAN AHMED KHAN
112.	MADDULA SAI KIRAN
113.	DHARAVATH SAIKUMAR
114.	SHIVANADHULA SAITEJA
115.	GANDLA SAKETH KUMAR
116.	LAKKEPURAM SHIVA PRANAY
117.	MARRI SHREYAN
118.	MACHARLA SIDDHARTHA
119.	PADALA SRAVAN KUMAR
120.	MAKTHALA UDAY KIRAN GOUD
121.	BHUKYA VIGNESH
122.	NALLA VISHNU TEJA
123.	BEETHI VIVEK
124.	GUDLA SUSHMITHA
125.	K CHINNA RAMUDU
126.	KOBBAI DILEEP KUMAR


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 Dept. of EEE, CBIT (A)
 Gandipet, Hyderabad - 75

127.	NAMAN GUPTA	
128.	PATTURI SAI PRIYA	
129.	GATTU VAMSHI	
130.	GANGULA AKASH	
131.	YADAGIRI AKANKSHA	
132.	MUZAFFAR NAVEED	


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TITLE OF THE VALUE ADDED COURSE

Basics of Cyber Security (BCS)

Code: 18CSO07

Duration: 40 Hours

Academic year: 2021-22


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18CSO07

BASICS OF CYBER SECURITY
(Open Elective-2)

Instruction	3 L Hours per week
Duration of SEE	3 Hours
SEE	70 Marks
CIE	30 Marks
Credits	3

Pre-requisites: Operating System, Computer Network, Cryptography.**Course Objectives:** This course aims to:

1. Identify and present indicators that a cybercrime has occurred and understand methods and tools used in cybercrimes.
2. Collect, Process, Analyze and Present Computer Forensics Evidence.
3. Understand the legal perspectives and Organizational implications of Cyber Security

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

1. List the different types of cybercrimes and analyze legal frameworks to handle cybercrimes.
2. Identify the Tools and Methods used in cybercrimes.
3. Analyze and resolve cyber security issues and laws governing Cyberspace.
4. Describe the need of Digital Forensics and the importance of digital evidence in prosecution.
5. Interpret the commercial activities in the event of significant information security incidents in the Organization.
6. Discuss the vulnerabilities in networking protocols and their mitigation techniques.

UNIT - I**Introduction to Cyber Crime:** Cyber Crime: Definition and Origins of the Word, Cybercrime and Information Security, Classification of Cyber Crimes, Cyber Crime: The Legal Perspective, Cyber Crime: An Indian Perspective, A Global Perspective of Cyber Crime.**UNIT - II****Cyber Offenses:** Introduction, How Criminals plan the Attacks, Social Engineering, Cyber stalking, Cyber cafe and Cybercrimes, Botnets: The Fuel for Cybercrime, Attack Vector, Tools and Methods Used in Cybercrime**UNIT - II****Cyber Offenses:** Introduction, How Criminals plan the Attacks, Social Engineering, Cyber stalking, Cyber cafe and Cybercrimes, Botnets: The Fuel for Cybercrime, Attack Vector, Tools and Methods Used in Cybercrime: Introduction, Proxy Servers and Anonymizers, Phishing, Password Cracking, Keyloggers and Spywares, Virus and Worms, Trojan Horse and Backdoors, Steganography, DoS and DDoS attacks, SQL Injection, Buffer Overflow.**UNIT - III****Cyber Security:** The Legal Perspectives: Cyber Crime and the Legal Landscape around the World, Need of Cyber laws: the Indian Context, The Indian IT Act, Challenges to Indian Law and Cyber Crime Scenario in India, Digital Signatures and the Indian IT Act, Cyber Crime and Punishment, Cyber Law, Technology and Students: The Indian Scenario.**UNIT - IV****Understanding Cyber Forensics:** Introduction, Digital Forensics Science, Need for Computer Forensics, Cyber Forensics and Digital Evidence, Forensics Analysis of Email, Digital Forensics Life Cycle, Chain of Custody Concept, Network Forensics, Approaching a Cyber Forensics Investigation, Challenges in Computer Forensics.**UNIT - V****Cyber Security:** Organizational Implications: Introduction, Cost of Cybercrimes and IPR issues, Web threats for Organizations, Security and Privacy Implications, Social media marketing: Security Risks and Perils for Organizations, Social Computing and the associated challenges for Organizations.**Text Books:**


1. Sunit Belpre and Nina Godbole, Cyber Security: Understanding Cyber Crimes, Computer Forensics and Legal Perspectives, Wiley India Pvt. Ltd, 2011.
2. Kevin Mandia, Chris Prorise, Incident Response and computer forensics, Tata McGraw Hill, 2006.

Suggested Reading:

1. Alfred Basta, Nadine Basta, Mary Brown, Ravinder Kumar, Cyber Security and Cyber Laws, Paperback – 2018.
2. Mark F Grady, Francesco Parisi, The Law and Economics of Cyber Security, Cambridge university press, 2006.

Online Resources:


1. <https://www.edx.org/learn/cybersecurity>
2. <https://www.coursera.org/courses?query=cyber%20security>
3. <https://swayam.gov.in/course/4002-cyber-law>



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Time Table

Brach: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday		Basics of Cyber Security (BCS)					Basics of Cyber Security (BCS)
Wednesday							
Thursday							
Friday							
Saturday							



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Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

List of Participants:-


S.NO	Registered & completed student Name	Total no. of students registered & completed
1.	K ABHIRAM	124
2.	G JASWANTH KUMAR YADAV	
3.	PULIPATI KAUSHAL	
4.	KUMMARI CHANDRAKALA	
5.	PUTLA DHARANI	
6.	GUJJA INDRANI	
7.	KAVYA TAMMALI	
8.	CHIMARLA KEERTHANA	
9.	SOLIPURAM KEERTHANA REDDY	
10.	JAGATHKARI LAXMIPRIYA	
11.	KASHA MAHATHI	
12.	MYAKA MANIDEEPIKA REDDY	
13.	P NEHASREE	
14.	ERPULA RANI	
15.	BATTULA RASAGNA	
16.	DARAPU SAI AKSHAYA	
17.	SHIVARATHRI SRAVANI	
18.	NARAYANA SRINIDHI REDDY	
19.	VATTIKONDA SUSHMITHA	
20.	SANIKOMMU VAISHNAVI	
21.	THODUPUNURI VASAVI	
22.	VINUTHNA REDDY GUTHA	
23.	KANTHALA ADITH CHANDRA	
24.	KULAKARNI ADITHYA	
25.	MOHAMMED AMAAN FAROOQUI	
26.	K CHINNA RAMUDU	
27.	KOBBAI DILEEP KUMAR	
28.	AGGADI MANI DEEP	
29.	NABEEL KHAN	
30.	NAMAN GUPTA	


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31.	AMANCHI NAVEEN
32.	NAVID PABANI
33.	GUGILLA RAGHAVESHWAR
34.	MOTUPALLI RAMA KRISHNA SAI
35.	ARRA RASHMITH REDDY
36.	D SAI SIDHARTH KSHYAP
37.	VANGALA SAI SRUJAN
38.	M SHANMUKHESH
39.	BOGE SIDDARTH
40.	NUGURI TARUN
41.	KALVA VENU
42.	KATAKAM VINAY KUMAR
43.	CHENNA VINEETH
44.	VISHWAS P
45.	ZIYAD AHMED MOHAMMED
46.	MUNJA YAMINI
47.	RAMAVATH SAIKUMAR
48.	SHAIK NEHA GULSHAN
49.	PAPIGARI AKSHAY KUMAR
50.	BHARGAVI SINGAJOGI
51.	CHELLA MEENAKSHI S
52.	LOHITHA REDDY ANNADI
53.	MANASVINI KOTTAPALLY
54.	SURUKANTI NISHITHA
55.	NISHMA REDDY KASTURI
56.	RACHEL A
57.	RISHITHA ARIKOTLA
58.	SAI VARSHA MAKTHAL
59.	SANDHYA KORRA
60.	THUMU SNEHA BHANDHAVI
61.	SOUMYA BANDLA
62.	GUDIVENUKA SRAVANTHI
63.	SADINENI SRAVANTHI


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64.	SANKARNENI SRAVYA
65.	SREE VIDYA GOLLA
66.	SUNITHA RANI PITLA
67.	UMMAY SALMA
68.	M ABHISHEK
69.	MUTHYALA ABHISHEKH
70.	AJAY GUNNALA
71.	MORE AKSHAY
72.	CHAKRAVARTHY DANGATLA
73.	CHERUPALLY CHARAN KUMAR
74.	DINESH BUKYA
75.	HARI KIRAN VAGIRI
76.	JAYANTH DARAMALLA
77.	JEEVAN KUMAR G
78.	PANDULA MANIDEEP
79.	RAKESH ANNAM
80.	SAILLOKESH REDDY NANDAVARAPU
81.	KOTHAKONDA SAI TEJA
82.	SAIKIRAN KOLLOJU
83.	LAKKARSU SAITEJA VARMA
84.	SOHAN KUMAR RUSTUMPET
85.	SRI SAI WENKAT NIZAMPATNAM
86.	SRI VAMSI DEEVI
87.	SRINIVAS GAURAV JAMALPUR
88.	MUTHYALA SUJITH REDDY
89.	SUMANTH SETTY
90.	DODDI UDAY SHANKAR
91.	VENKATA MANIKANTA SAI AMALAKANTI
92.	THADURI VENKATESH BABU
93.	BODDU YESHWANTH KUMAR
94.	VENKANNAGARI YOGESH
95.	DOKILE UMESH
96.	RAYABARAPU NAVYA


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97.	VADDADI VIKAS
98.	NENAVATH PRASHANTH
99.	GANASALA HEPSIBA RANI
100.	P CHAKRADHAR
101.	KSHITEISSH BHARADWAJ
102.	PRAVEENA BOBBALA
103.	BAKKAREDDY PRIYANKA
104.	BURRA VARSHITHA
105.	KSHITEISSH BHARADWAJ
106.	NARAYANA NITHIN
107.	CHILLAMCHARLA SAI RAGHU
108.	GUDIMALLA SANJAY
109.	M SHANMUKHESH
110.	MUNJA YAMINI
111.	RAMAVATH SAIKUMAR
112.	CHITLA PAVAN
113.	G YASHWANTH KUMAR
114.	KAVYA PINNEBOINA
115.	ESWAR TEJA CHAVA
116.	DONTHULA NAVEEN
117.	PRUDHVI MURUKUTLA
118.	LAKKARSU SAITEJA VARMA
119.	SHERANK DASARATH
120.	TARUN CH NSNS
121.	MOVVA VINAY
122.	BODDU YESHWANTH KUMAR
123.	VENKANNAGARI YOGESH
124.	DOKILE UMESH


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 Dept. of EEE, CBIT (A)
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TITLE OF THE VALUE ADDED COURSE: Technical Presentation

COURSE CODE: CBIT/21EGV04

ACADEMIC YEAR: 2021 - 22

TARGET PARTICIPANTS: Final Year Students - VII

DURATION OF THE COURSE: 40 hours/ 10 weeks

P. Raj Kumar

Head
Dept. of English
CBIT (A), Hyderabad-75.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)HYDERABAD-75

DEPARTMENT OF ENGLISH

VALUE ADDED COURSE

Subject: Technical Presentation

Subject Code: CBIT/21EGV04AY 2021-22 YEAR IV SEM VII

Total number of students: 67

VII Sem CSE-3		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-733-121	AISHWARYA JAIN
2	1601-18-733-122	AISHWARYA MAMIDI
3	1601-18-733-123	AMULYA USEM
4	1601-18-733-124	ANNA FLORENCE VELUVALI
5	1601-18-733-125	ASHWITHA REDDY VENNA
6	1601-18-733-126	CHANDANA KALAPALLY
7	1601-18-733-127	DHARANI NEELAGIRI
8	1601-18-733-128	JAHNAVI GARAGA
9	1601-18-733-129	JAYA SRIHARSHITA KONETI
10	1601-18-733-130	JYOSHNA KANDI
11	1601-18-733-131	LAHARI MADISHETTY
12	1601-18-733-132	LIKITHA DAREDDY
13	1601-18-733-133	MADHURI REDDY RAVULA
14	1601-18-733-134	REECHA PULICHINTHA
15	1601-18-733-135	SANJANA L H
16	1601-18-733-136	SANJANA REDDY K
17	1601-18-733-137	SHREYA BOINIPALLY
18	1601-18-733-138	SLESHA ADI
19	1601-18-733-139	SNIGDHA REDDY SURAM
20	1601-18-733-140	SOUMYA REDDY GADDAM
21	1601-18-733-141	SUDEEPHI TELUGU
22	1601-18-733-142	SUMALATHA R
23	1601-18-733-143	YASASWINI UMMADI
24	1601-18-733-144	AHMED ASRAR HUSSAIN P
25	1601-18-733-145	AKSHAY PANDU
26	1601-18-733-146	ANIRUDH REVALLI
27	1601-18-733-147	ARYAMAN RAO NAGENENI
28	1601-18-733-148	BARNABOSS PULI
29	1601-18-733-149	BHARATHREDDY SHYAMALA
30	1601-18-733-151	DHARMTEJA MALI
31	1601-18-733-152	HARI REMELLA
32	1601-18-733-153	HRITHIK PAWAN KAKKIRENI
33	1601-18-733-154	ILYAS KHAN MOHAMMED

P. Raj Reddy

Head
Dept. of English
CBIT (A), Hyderabad-75.

34	1601-18-733-155	KESHAV NAYAK ESLAVATH
35	1601-18-733-157	LIKHITH REDDY RECHINTALA
36	1601-18-733-158	MUSTAFA SHANAWAZ MOHAMMED
37	1601-18-733-159	NAGA VENKATESH SRIPAD VAYUVEGULA
38	1601-18-733-160	NAVEEN KUMAR BEJJAM
39	1601-18-733-161	PAVAN KUMAR BARKAM
40	1601-18-733-162	PAVAN KUMAR RAYELLA
41	1601-18-733-163	RAHUL PITTALA
42	1601-18-733-164	RANGANATH VENKATA MACHAVARAM
43	1601-18-733-165	RITHIK KOTHA
44	1601-18-733-166	ROHIT REDDY KESIREDDY
45	1601-18-733-167	SAI CHANDRA POTHURI
46	1601-18-733-168	SAI KIRAN DACHEPALLY
47	1601-18-733-169	SAI KIRAN PARIMI
48	1601-18-733-170	SAI PAVAN PANASA
49	1601-18-733-171	SAI SANJEEV KUMAR REDDY BOPPIDI
50	1601-18-733-172	SAI SHASHANK K
51	1601-18-733-173	SAI SUMANTH KORTHIWADA
52	1601-18-733-174	SHRIKAR REDDY KOTA
53	1601-18-733-175	SIDHARTH SITIMALLE
54	1601-18-733-176	SRINATH REDDY MITTAMEDHI
55	1601-18-733-177	SRIVATSAVA PERUMANDLA
56	1601-18-733-178	VIJAY DONKENA
57	1601-18-733-179	YASHWANTH REDDY THIMMAREDDY
58	1601-18-733-180	YASHWANTH REDDY VADDE
59	1601-18-733-185	PARAS PHULL
60	1601-18-733-186	ARJUN SINGH THAKUR
61	1601-18-733-313	GOPI LAYA RAO
62	1601-18-733-314	RACHHA GEETHA
63	1601-18-733-315	OGGU VARSHA
64	1601-18-733-316	KEDARI SNEHA
65	1601-18-733-317	RUDRA RACHANA
66	1601-18-733-318	DHANAVATH PAVAN
67	1601-17-733-168	MALAVATH SAIROSHAN

P. Nayak

Head
Dept. of English
CBIT (A), Hyderabad-75.

TITLE OF THE VALUE ADDED COURSE

Overview of Artificial intelligence

Code: CBIT/21EEV002

Duration: 30 Hours


Academic year: 2021-22



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Syllabus


- Module 1 – Preparatory Sessions – Python & Linux
- Module 2 – GIT
- Module 3 – Python with Data Science
- Module 4 – Advanced Statistics
- Module 5 – Machine Learning & Prediction Algorithms
- Module 6 – Data Science at Scale with PySpark
- Module 7 – AI & Deep Learning using TensorFlow
- Module 8 – Deploying Machine Learning Models on Cloud (MLOps)
- Module 9 – Data Visualization with Tableau
- Module 10 – Data Science Capstone Project
- Module 11 – Data Analysis with MS Excel
- Module 12 – Data Wrangling with SQL
- Module 13 – Natural Language Processing and its Applications



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Branch: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday							
Wednesday							
Thursday							
Friday							
Saturday						Overview of Artificial intelligence	


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Dept. of EEE, CBIT (A)
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List of Participants:-

SNO	Registered & completed student Name	Total no. of students registered & completed
1	DIVYAREDDY DHAMMA	01



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Dept. of EEE, CBIT (A)
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TITLE OF THE VALUE ADDED COURSE
Fundamentals of Blockchain using Python

Code: CBIT/21EEV004

Duration: 30 Hours

Academic year: 2021-22



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Time Table

Brach: EEE							
Day	9:10 - 10:10	10:10-11:10	11:15-12:15	12:15-13:00	13:00-14:00	14:00-15:00	
Monday				LUNCH			
Tuesday	Fundamentals of Blockchain using Python						
Wednesday							
Thursday							
Friday							
Saturday							

List of Participants

SNO	Registered & completed student Name	Total no. of students registered & completed
1	K ABHIRAM	01


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TITLE OF THE VALUE ADDED COURSE

Basics of Machine learning

Code: CBIT/21EEV005

Duration: 30 Hours

Academic year: 2021-22



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Syllabus:

Module 1 – Introduction to Machine Learning

Module 2 – Supervised Learning and Linear Regression

Module 3 – Classification and Logistic Regression

Module 4 – Decision Tree and Random Forest


Module 5 – Naïve Bayes and Support Vector Machine

Module 6 – Unsupervised Learning

Module 7 – Natural Language Processing and Text Mining

Module 8 – Introduction to Deep Learning

Module 9 – Time Series Analysis



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Time Table

Branch: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday		BML		LUNCH	Basics of Machine learning		
Tuesday							
Wednesday							
Thursday			BML				
Friday							
Saturday							

List of Participants

SNO	Registered & completed student Name	Total no. of students registered & completed
1	KULAKARNI ADITHYA	01



HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

TITLE OF THE VALUE ADDED COURSE
Introduction to Personality Development

Code: CBIT/21EEV006


Duration: 30 Hours

Academic year: 2021-22


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Syllabus:

1. **Week 1:** Define Personality, Determinants of Personality Development, Perception – Definition, Perceptual Process.
2. **Week 2:** Factors of Association – Relationship, Personality Traits, Developing Effective Habits, Emotional Intelligence.
3. **Week 3:** Motivation, Introspection, Self-Assessment, Self-Appraisal & Self-development, Sigmund Freud Id, Ego & SuperEgo.
4. **Week 4:** Self Esteem and Maslow, Self Esteem & Erik Erikson, Mind Mapping, Competency Mapping & 360 Degree Assessment, Types of Personalities – Introvert, Extrovert & Ambivert person, Effective Communication & Its key aspects.
5. **Week 5:** Assertiveness, Decision-making skills, Conflict: Process & Resolution, Leadership & Qualities of Successful Leader.
6. **Week 6:** Interpersonal Relationship, Personality – Spiritual journey beyond the management of change, Good manners & Etiquities, Effective Speech, Understanding Body language, projective positive body language.
7. **Week 7:** Attitude – Concept -Significance -Factors affecting attitudes – Positive attitude–Advantages –Negative attitude-Disadvantages -Ways to develop a positive attitude, Carl Jung 's contribution to personality development theory.
8. **Week 8:** Stress Management: Introduction, Causes, stress management techniques, Time management: Importance of time management, Techniques of time management, Time management styles.



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Time Table

Brach: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday							
Wednesday							
Thursday		Introduction to Personality Development					
Friday							
Saturday							

List of Participants

SNO	Registered & completed student Name	Total no. of students registered & completed
1	VANGALA SAI SRUJAN	01


HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

TITLE OF THE VALUE ADDED COURSE

Introduction to Hybrid Electric Vehicle Technology

Code: CBIT/21EEV007

Duration: 30 Hours

Academic year: 2021-22



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Syllabus:

Chapter 1 -Introduction: Electric Vehicle

History
Components of Electric Vehicle
Comparison with Internal combustion Engine : Technology
Comparison with Internal combustion Engine: Benefits and Challenges
EV classification and their electrification levels.
EV Terminology

Chapter - 2. Motor Torque Calculations For Electric Vehicle

Calculating the Rolling Resistance
calculating the grade resistance
Calculating The Acceleration Force
Finding The Total Tractive Effort
Torque Required On The Drive Wheel

Chapter- 3. Electric Vehicle Architecture Design

Types of Electric Vehicle and components
Electrical protection and system requirement
Photovoltaic solar based EV design
Battery Electric vehicle (BEV)
Hybrid electric vehicle (HEV)
Plug-in hybrid vehicle (PHEV)
Fuel cell electric vehicle (FCEV)
Electrification Level of EV
Comparison of fuel vs Electric and solar power
Solar Power operated Electric vehicles

Chapter- 4. Electric Drive and controller

Types of Motors
Selection and sizing of Motor
RPM and Torque calculation of motor
Motor Controllers
Component sizing
Physical locations
Mechanical connection of motor
Electrical connection of motor

Chapter 5 - Energy Storage Solutions(ESS)

Cell Types (Lead Acid/Li/NiMH)
Battery charging and discharging calculation
Cell Selection and sizing
Battery lay outing design
Battery Pack Configuration
Battery Pack Construction
Battery selection criteria

Chapter 6 -Battery Management System(BMS)/Energy

Management System (EMS)

Need of BMS
Rule based control and optimization based control
Software-based high level supervisory control
Mode of power
Behavior of motor
Advance Features

Chapter 7 - Control Unit


Function of CU
Development Process
Software
Hardware
Data Management
GUI/HMI

Chapter-8. Electric Vehicles charging station

Type of Charging station
Selection and Sizing of charging station
Components of charging station
Single line diagram of charging station

Chapter-9.INDIAN and GLOBAL Scenario

Technology Scenario
Market Scenario
Policies and Regulations
Payback and commercial model
Payback and commercial model
Polices in India



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Time Table

Branch: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday							Introduction to Hybrid Electric Vehicle Technology
Wednesday							
Thursday							
Friday							
Saturday							

List of Participants

SNO	Registered & completed student Name	Total no. of students registered & completed
1	BHARGAVI SINGAJOGI	01


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Dept. of EEE, CBIT (A)
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TITLE OF THE VALUE ADDED COURSE

Overview of Solar Water Heater

Code: CBIT/21EEV008


Duration: 30 Hours

Academic year: 2021-22


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Syllabus:

1. Introduction
2. Solar Energy
 - 2.1 Solar radiation intensity
 - 2.2 Cloud cover
 - 2.3 Site latitude
 - 2.4 Orientation to path of sun
 - 2.5 Shading
 - 2.6 Collector placement within a building cluster
3. Solar Hot Water Thermal System
 - 3.1 Collector performance indices
 - 3.2 Types of hot water solar systems
 - 3.3 Solar thermal energy collectors
 - 3.4 Heat transfer fluid
 - 3.5 Piping arrangements
 - 3.6 Storage tank
 - 3.7 Heat exchangers
 - 3.8 Pumps
 - 3.9 Expansion tank
 - 3.10 Back-up/supplemental heater
 - 3.11 Controls
4. DOD Installation Solar Hot Water Applications
 - 4.1 Areas of potential Army use
 - 4.2 Building hot water demands
 - 4.3 Basic solar system design
 - 4.4 Cost effectiveness
 - 4.5 Case studies
5. Design Considerations
 - 5.1 Collector site placement
 - 5.2 Structural (foundation)
 - 5.3 Mechanical
 - 5.4 System startup considerations
6. System Maintenance
 - 6.1 General maintenance
 - 6.2 Glycol fluid care



HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

Time Table

Brach: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday							
Wednesday							
Thursday							
Friday		Overview of Solar Water Heater					
Saturday							

List of Participants

SNO	Registered & completed student Name	Total no. of students registered & completed
1	NANDEVARAPU SAI LOKESH REDDY	01


HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

TITLE OF THE VALUE ADDED COURSE

Principles of Python

Code: CBIT/21EEV009

Duration: 30 Hours

Academic year: 2021-22




HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

Time Table

Brach: EEE							
Day	9:10 - 10:10	10:10- 11:10	11:15- 12:15	12:15- 13:00	13:00- 14:00	14:00- 15:00	15:05- 16:05
Monday				LUNCH			
Tuesday		Principles of Python					
Wednesday							
Thursday							
Friday							
Saturday							

List of Participants

SNO	Registered & completed student Name	Total no. of students registered & completed
1	NANDAVARAPU SAI LOKESH REDDY	02
2	PAPIGARI AKSHAY KUMAR	


HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad - 75

Title of the value added course

Work System Design

Code : CBIT/19MEV046

Duration: 32 hrs

Target participates: All

Duration of the course:

Academic year : 2021 -22

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36 hrs	1	1

List of participants

1. Sainiranjana Tammagiri



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SAI KIRAN TAMMANNAGARI

for successfully completing the course



Work System Design

with a consolidated score of **83** %

Online Assignments	24.69/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **462**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2021
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21ME84S44590536

To validate and check scores: <https://nptel.ac.in/noc>

Title of the value-added course
Solar Energy Engineering and Technology

Code: CBIT/19MEV061


Duration: 36 hrs

Target participates: All
Duration of the course: 36 hrs
Academic year: 2021 -22

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36	2	2


List of participants

1. Sai Kiran Tammagiri
2. Singi Reddy Shiva Keshav Reddy



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SAI KIRAN TAMMANNAGARI

for successfully completing the course


Solar Energy Engineering and Technology

with a consolidated score of **52** %


Online Assignments	20.56/25	Proctored Exam	31.82/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **432**


Jul-Oct 2021
(12 week course)



Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21GE23S14590090

To validate and check scores: <https://nptel.ac.in/noc>



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SINGIREDDY SHIVA KESHAV

for successfully completing the course

Solar Energy Engineering and Technology

with a consolidated score of **63** %

Online Assignments	20.35/25	Proctored Exam	42.53/75
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Total number of candidates certified in this course: **432**

Jul-Oct 2021
(12 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21GE23S23631880

To validate and check scores: <https://nptel.ac.in/noc>

Title of the value added course

Mathematical Modelling Of Manufacturing Process

Code : CBIT/19MEV045

Duration: 36 hrs

Target participates: All

Duration of the course:

Academic year : 2021 -22

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36 hrs	2	2

List of participants

1. Sai Kiran Tammagiri
2. Singi Reddy Shiva Keshav Reddy



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SAI KIRAN TAMMANNAGARI

for successfully completing the course



Mathematical Modeling of Manufacturing Processes

with a consolidated score of **78** %

Online Assignments	22.81/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **63**

Jul-Oct 2021
(12 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21ME124S24590465

To validate and check scores: <https://nptel.ac.in/noc>



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SINGIREDDY SHIVA KESHAV

for successfully completing the course



Mathematical Modeling of Manufacturing Processes

with a consolidated score of **79** %

Online Assignments	21.56/25	Proctored Exam	57/75
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Total number of candidates certified in this course: **63**

Jul-Oct 2021
(12 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21ME124S13630742

To validate and check scores: <https://nptel.ac.in/noc>

Title of the value added course

Manufacturing Strategy

Code : CBIT/19MEV052

Duration: 36 hrs

Target participates: All

Duration of the course:

Academic year : 2021 -22

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36 hrs	1	1

List of participants

1.Sai Kiran Tammannagari



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SAI KIRAN TAMMANNAGARI

for successfully completing the course

Manufacturing Strategy

with a consolidated score of **67** %

Online Assignments	21.25/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **108**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2021
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21MG68S14480204

To validate and check scores: <https://nptel.ac.in/noc>

Title of the value added course

Dealing With Materials Data _ Collection, Analysis And
Interpretation

Code : CBIT/19MEV051

Duration: 36 hrs

Target participates: All

Duration of the course:

Academic year : 2021 -22

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36 hrs	1	1

List of participants

1.Shruti Shankar Pydimarri



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SRUTHI SHANKER PYDIMARRY

for successfully completing the course

**Dealing with Materials Data : Collection,
Analysis and Interpretation**

with a consolidated score of **46** %

Online Assignments	14.69/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **4**

Jan-Apr 2022
(12 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No:NPTEL22MM07S33530522

To validate and check scores: <https://nptel.ac.in/noc>

Title of the value-added course

Energy Conservation and Waste Heat Recovery

Code: CBIT/19MEV064

Duration: 36 hrs

Target participates: All

Duration of the course:

Academic year: 2021 -22

UNIT-IV

Direct conversion technologies – thermoelectric generators, thermionic conversion, thermo-PV, magneto hydro dynamics, heat pump, heat recovery from incinerators.

UNIT-V

Energy storage – introduction, energy storage techniques – pumped hydro, compressed air, flywheel, superconducting magnetic storage, thermal storage (sensible & latent), battery, chemical energy storage, fuel cells, energy economics.

Reference Books:

1. Nikolai V. Khartchenko, “Advance Energy Systems”, Taylor and Francis Publishing,2000
2. M.M.El-Wakil, Powerplant Technology, Tata McGraw Hill ,2013
3. Rajmohan Gupta, “Steam Turbine”, Oxford & IBH Publishing Co. Pvt. Ltd.

Suggested Reading:

1. Ganesan, “Gas Turbine”, McGraw Hil,2013l
2. Practical Heat Recovery – Boyen J.L. John Wiley, New York, USA1976.

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36 hrs	2	2

List of participants

1. Chandra Epsita Jasti
2. Shruti Shankar Pydimarri



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

CHANDRA EEPSITA JASTI
for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of **55** %

Online Assignments	10.38/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **100**



Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)



Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21MM23S23634390

To validate and check scores: <https://nptel.ac.in/noc>

Title of the value added course
System Design For Sustainability

Code : CBIT/19MEV069

Duration: 32 hrs

Target participates: All

Duration of the course:

Academic year : 2021 -22

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36 hrs	1	1

List of participants

1. Shruti Shankar Pydimarri



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SRUTHI SHANKER PYDIMARRY

for successfully completing the course

System Design for Sustainability

with a consolidated score of **58** %

Online Assignments	17.88/25	Proctored Exam	40.13/75
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Total number of candidates certified in this course: **30**

Jul-Oct 2021
(12 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21DE09S23634447

To validate and check scores: <https://nptel.ac.in/noc>

Title of the value added course

Understanding Design

Code : CBIT/19MEV056

Duration:

Target participates: All

Duration of the course:

Academic year : 2021 -22

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36 hrs	1	1

List of participants

- 1. Shruti Shankar Pydimarri**



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SRUTHI SHANKER PYDIMARRY

for successfully completing the course

Understanding Design

with a consolidated score of **54** %

Online Assignments	16.92/25	Proctored Exam	36.99/75
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Total number of candidates certified in this course: **156**

Feb-Mar 2022
(4 week course)


Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL22DE01S13531605

To validate and check scores: <https://nptel.ac.in/noc>

Title of the value-added course

Design Thinking - A Primer

Code: CBIT/19MEV054

Duration: 36 hrs

Target participates: All


Duration of the course:

Academic year: 2021 -22

Name of the value added course	Course code	Year of offering	No of time offered during the same year	Duration	No of students enrolled	Number of students completing course in the year
		2021-22	1	36 hrs	1	1

List of participants


1. Chandra Eepsita Jasti



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

CHANDRA EEPSITA JASTI


for successfully completing the course

Design Thinking - A Primer

with a consolidated score of **70** %


Online Assignments	15.25/25	Proctored Exam	54.75/75
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Total number of candidates certified in this course: **1566**




Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM


Feb-Mar 2022
(4 week course)



Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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swayam
शिक्षण सर्वत्र, ज्ञान सर्वत्र

Roll No: NPTEL22MG32S13530085

To validate and check scores: <https://nptel.ac.in/noc>

TITLE OF THE VALUE ADDED COURSE:

Professional Etiquette

COURSE CODE:

CBIT/21EGV03

ACADEMIC YEAR:

2021 - 22

TARGET PARTICIPANTS:

Final Year Students - VII

DURATION OF THE COURSE:

40 hours/ 10 weeks

P. Raj Kumar

Head
Dept. of English
CBIT (A), Hyderabad-75.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)HYDERABAD-75

DEPARTMENT OF ENGLISH

VALUE ADDED COURSE

Subject: PROFESSIONAL ETIQUETTE

Subject Code: CBIT/21EGV03

AY 2021-22 YEAR IV SEM VII

Total number of students: 6

VII Sem Civil-1		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-732-006	MANASA BADRI
2	1601-18-732-007	MANASA BATHINI
3	1601-18-732-008	NEEHARIKA PUSALA

VII Sem Civil-2		
Sl. No.	Roll Nos	Name of the Student
1	1601-18-732-068	SHIVANI SOMIREDDY
2	1601-18-732-071	SRIVIDYA YALATI
3	1601-18-732-077	ASHISH RAJAPURAM

P. Raj

Head
Dept. of English
CBIT (A), Hyderabad-75.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

Department of COMPUTER SCIENCE AND ENGINEERING

CSE Honours Degree Data (29-04-2022)**L4G Coursera Courses list for Proctored Examination Conduction:****May-2021- ODD SEMESTER Courses:**

S.No.	Course Code	Course Name	Track	Level number	Weeks	Credits	Type of the Course
1	CBIT/20CSV002	Apply Generative Adversarial Networks (GANs)	Advanced Artificial Intelligence	4	3	0.75	Theory
2	CBIT/20CSV003	Artificial Intelligence Ethics in Action	Advanced Artificial Intelligence	2	3+2	1.25	Project
3	CBIT/20CSV007	Full Stack Cloud Development Capstone Project	Programming and Application Development	3	6+2	2	Project
4	CBIT/20CSV004	Competitive Programming for Beginners (Moscow Institute of Physics and Technology)	Common to all tracks	1	4	1	Theory

Jan-2022- ODD SEMESTER

5	CBIT/20CSV001	Application Development using Microservices and Serverless	Programming and Application Development	4	5+2	1.75	Project
6	CBIT/20CSV005	Design Patterns	Software Systems Engineering	4	4	1	Theory
7	CBIT/20CSV011	Introduction to Data Engineering (IBM)	Advanced Data Science	4	4	1	Theory
8	CBIT/20CSV008	Game Design and Development: 2D Shooter (Michigan State University)	Virtual and Augmented Reality	3	4+2	1.5	Project
9	CBIT/20CSV006	Ethics of Artificial Intelligence (Politecnico di Milano)	Advanced Artificial Intelligence	2	4	1	Theory
10	CBIT/20CSV016	Startups in Open Innovation (Saint Petersburg State University).	Common to all tracks	1	5	1.25	Theory

Kanaka
 Professor and Head Department
 Department of Computer Science & Engineering
 Chaitanya Bharathi Institute of Technology (A)
 Gandipet, Hyderabad-500 075.(T.S.)

Department of COMPUTER SCIENCE AND ENGINEERING

CSE Honours Degree Data (29-04-2022)

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

May-2021- ODD SEMESTER


S. No.	Name	Roll No.	Semester	Mobile Number(whatsapp number)	Coursera Courses Completed			Remarks	Total Credits
1	Koneti Jaya Sriharshita	160118733129	VIII	6303662472	Apply Generative Adversarial Networks (GANs)	Artificial Intelligence Ethics in Action	Full Stack Cloud Development Capstone Project	completed	4
2	Rayan Ahmed	160120733164	IV	6309335877	Competitive Programming for Beginners (Moscow Institute of Physics and Technology)			completed	1
3	Jampani Teja saichenna malleswar rao	160120733175	IV	9182934578	Competitive Programming for Beginners.			completed	1

Jan-2022- ODD SEMESTER

S. No.	Name	Roll No.	Semester	Mobile Number(whatsapp number)	Coursera Courses Completed or Pursuing			Remarks	Total Credits
1	Koneti Jaya Sriharshita	160118733129	VIII		Application Development using Microservices and Serverless	Design Patterns		1 week to complete that is by 30-4-2022	2.75

Kanaka
 Professor and Head Department
 Department of Computer Science & Engineering
 Chaitanya Bharathi Institute of Technology (A)
 Gandipet, Hyderabad-500 075.(T.S.)

2	Rayan Ahmed	160120733164	IV	6309335877	Introduction to Data Engineering (IBM)	Game Design and Development: 2D Shooter (Michigan State University)	Ethics of Artificial Intelligence (Politecnico di Milano)	1 month to complete that is by 15-5-2022	3.5
3	Jampani Teja saichenna mallewarao	160120733175	IV	9182934578	Ethics of Artificial Intelligence			completed	1
4	MOHAMMAD ADNAN	160120733153	IV	9642415121	Introduction to Data Engineering (IBM)	Game Design and Development 1: 2D Shooter (Michigan State University)	Startups in Open Innovation (Saint Petersburg State University)	1 month to complete that is by 15-5-2022	3.75
5	Asiya Anjum	160120733122	IV	6300075754	Introduction to Data Engineering (IBM)	Game Design and Development 1: 2D Shooter (Michigan State University)	Startups in Open Innovation (Saint Petersburg State University)	1 month to complete that is by 15-5-2022	3.75


 Professor and Head Department
 Department of Computer Science & Engineering
 Chaitanya Charathi Institute of Technology (A)
 Gandipet, Hyderabad-500 075.(T.S.)

Name of the value added courses offered in 2021-22(From S.No:171-76)

S.No.	Name of the value added courses offered	S.No. in Uploaded file
1	Introduction to Machine Learning	CBIT/20CSV013
2	Deep Learning	CBIT/20CSV025
3	Social Networks	CBIT/20CSV015
4	Introduction to Industry 4.0 and Industrial Internet of Things	CBIT/20CSV012
5	In order of preference: Algorithmic Puzzles, Algorithms Implemented, DataStructures and Competitive Programming	CBIT/20CSV010
6	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	CBIT/20CSV014


Professor and Head Department
Department of Computer Science & Engineering
Chaitanya Charan Institute of Technology (An
Affiliate of JNTU, Hyderabad-500 075, (T.S.)

SUMMARY REPORT OF VALUE-ADDED COURSES – 2021-22

Course 1: Introduction to Machine Learning

Code: CBIT/20CSV013

Duration: 12 Weeks

SNO	Registered & completed student Name	Total no. of students registered & completed
1	160118733129 & Koneti Jaya Sriharshita	01

Syllabus:

Week 0: Probability Theory, Linear Algebra, Convex Optimization - (Recap)

Week 1: Introduction: Statistical Decision Theory - Regression, Classification, Bias Variance

Week 2: Linear Regression, Multivariate Regression, Subset Selection, Shrinkage Methods, Principal Component Regression, Partial Least squares

Week 3: Linear Classification, Logistic Regression, Linear Discriminant Analysis

Week 4: Perceptron, Support Vector Machines

Week 5: Neural Networks - Introduction, Early Models, Perceptron Learning, Backpropagation, Initialization, Training & Validation, Parameter Estimation - MLE, MAP, Bayesian Estimation

Week 6: Decision Trees, Regression Trees, Stopping Criterion & Pruning loss functions, Categorical Attributes, Multiway Splits, Missing Values, Decision Trees - Instability Evaluation Measures

Week 7: Bootstrapping & Cross Validation, Class Evaluation Measures, ROC curve, MDL, Ensemble Methods - Bagging, Committee Machines and Stacking, Boosting

Week 8: Gradient Boosting, Random Forests, Multi-class Classification, Naive Bayes, Bayesian Networks

Week 9: Undirected Graphical Models, HMM, Variable Elimination, Belief Propagation


Week 10: Partitional Clustering, Hierarchical Clustering, Birch Algorithm, CURE Algorithm, Density-based Clustering

Week 11: Gaussian Mixture Models, Expectation Maximization

Week 12: Learning Theory, Introduction to Reinforcement Learning, Optional videos (RL framework, TD learning, Solution Methods, Applications)

Books and references

1. The Elements of Statistical Learning, by Trevor Hastie, Robert Tibshirani, Jerome H. Friedman (freely available online)
2. Pattern Recognition and Machine Learning, by Christopher Bishop (optional)


Professor and Head Department
Department of Computer Science & Engineering
Chaitanya Charathi Institute of Technology (A)
Gandipet, Hyderabad-500 075.(T.S.)

Course 2: Deep Learning

Code: CBIT/20CSV025

Duration: 12 Weeks

SNO	Registered & completed student Name	Total no. of students registered & completed
1	160118733129 & Koneti Jaya Sriharshita	01

Syllabus:

Week 1: Introduction to Deep Learning, Bayesian Learning, Decision Surfaces

Week 2: Linear Classifiers, Linear Machines with Hinge Loss

Week 3: Optimization Techniques, Gradient Descent, Batch Optimization

Week 4: Introduction to Neural Network, Multilayer Perceptron, Back Propagation Learning

Week 5: Unsupervised Learning with Deep Network, Autoencoders

Week 6: Convolutional Neural Network, Building blocks of CNN, Transfer Learning

Week 7: Revisiting Gradient Descent, Momentum Optimizer, RMSProp, Adam

Week 8: Effective training in Deep Net- early stopping, Dropout, Batch Normalization, Instance Normalization, Group Normalization

Week 9: Recent Trends in Deep Learning Architectures, Residual Network, Skip Connection Network, Fully Connected CNN etc.

Week 10: Classical Supervised Tasks with Deep Learning, Image Denoising, Semantic Segmentation, Object Detection etc.


Week 11: LSTM Networks

Week 12: Generative Modeling with DL, Variational Autoencoder, Generative Adversarial Network
Revisiting Gradient Descent, Momentum Optimizer, RMSProp, Adam

Books and references

1. Deep Learning- Ian Goodfellow, Yoshua Benjio, Aaron Courville, The MIT Press

2. Pattern Classification- Richard O. Duda, Peter E. Hart, David G. Stork, John Wiley & Sons Inc.


Professor and Head Department
Department of Computer Science & Engineering
Chaitanya Charathi Institute of Technology (A)
Gandipet, Hyderabad-500 075.(T.S.)

Course 3: Social Networks

Code: CBIT/20CSV015

Duration: 12 Weeks

SNO	Registered & completed student Name	Total no. of students registered & completed
1	160118733129 & Koneti Jaya Sriharshita	01

Syllabus:

Week 1: Introduction

Week 2: Handling Real-world Network Datasets

Week 3: Strength of Weak Ties

Week 4: Strong and Weak Relationships (Continued) & Homophily

Week 5: Homophily Continued and +Ve / -Ve Relationships

Week 6: Link Analysis

Week 7: Cascading Behaviour in Networks

Week 8: Link Analysis (Continued)

Week 9: Power Laws and Rich-Get-Richer Phenomena


Week 10: Power law (contd..) and Epidemics

Week 11: Small World Phenomenon

Week 12: Pseudocore (How to go viral on web)

Books and references

1. **Networks, Crowds and Markets by David Easley and Jon Kleinberg, Cambridge University Press, 2010 (available for free download).**
2. **Social and Economic Networks by Matthew O. Jackson, Princeton University Press, 2010.**


Professor and Head Department
Department of Computer Science & Engineering
Chaitanya Charathi Institute of Technology (A)
Gandipet, Hyderabad-500 075.(T.S.)

Course 4: Introduction to Industry 4.0 and Industrial Internet of Things

Code: CBIT/20CSV012

SNO	Registered & completed student Name	Total no. of students registered & completed
1	160118733129 & Koneti Jaya Sriharshita	01

Duration: 12 Weeks

Syllabus:

Week 1 : Introduction: Sensing & actuation, Communication-Part I, Part II, Networking-Part I, Part II

Week 2 : Industry 4.0: Globalization and Emerging Issues, The Fourth Revolution, LEAN Production Systems, Smart and Connected Business Perspective, Smart Factories

Week 3 : Industry 4.0: Cyber Physical Systems and Next Generation Sensors, Collaborative Platform and Product Lifecycle Management, Augmented Reality and Virtual Reality, Artificial Intelligence, Big Data and Advanced Analysis

Week 4 : Cybersecurity in Industry 4.0, Basics of Industrial IoT: Industrial Processes-Part I, Part II, Industrial Sensing & Actuation, Industrial Internet Systems.

Week 5 : IIoT-Introduction, Industrial IoT: Business Model and Reference Architecture: IIoT-Business Models-Part I, Part II, IIoT Reference Architecture-Part I, Part II.

Week 6 : Industrial IoT- Layers: IIoT Sensing-Part I, Part II, IIoT Processing-Part I, Part II, IIoT Communication-Part I.

Week 7 : Industrial IoT- Layers: IIoT Communication-Part II, Part III, IIoT Networking-Part I, Part II, Part III.

Week 8 : Industrial IoT: Big Data Analytics and Software Defined Networks: IIoT Analytics - Introduction, Machine Learning and Data Science - Part I, Part II, R and Julia Programming, Data Management with Hadoop.

Week 9 : Industrial IoT: Big Data Analytics and Software Defined Networks: SDN in IIoT-Part I, Part II, Data Center Networks, Industrial IoT: Security and Fog Computing: Cloud Computing in IIoT-Part I, Part II.

Week 10 : Industrial IoT: Security and Fog Computing - Fog Computing in IIoT, Security in IIoT-Part I, Part II, Industrial IoT- Application Domains: Factories and Assembly Line, Food Industry.

Week 11 : Industrial IoT- Application Domains: Healthcare, Power Plants, Inventory Management & Quality Control, Plant Safety and Security (Including AR and VR safety applications), Facility Management.

Week 12 : Industrial IoT- Application Domains: Oil, chemical and pharmaceutical industry, Applications of UAVs in Industries, Real case studies :

Case study - I : Milk Processing and Packaging Industries

Case study - II: Manufacturing Industries - Part I

Case study - III : Manufacturing Industries - Part II

Case study - IV : Student Projects - Part I


Case study - V : Student Projects - Part II

Case study - VI : Virtual Reality Lab

Case study - VII : Steel Technology Lab

Books and references

“Industry 4.0: The Industrial Internet of Things”, by Alasdair Gilchrist (Apress)2. “Industrial Internet of Things: Cybermanufacturing Systems”by Sabina Jeschke, Christian Brecher, Houbing Song, Danda B. Rawat (Springer)3. Research papers.


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Department of Computer Science & Engineering
Chaitanya Charathi Institute of Technology (A)
Gandipet, Hyderabad-500 075.(T.S.)

Course 5: In order of preference: Algorithmic Puzzles, Algorithms Implemented, Data Structures and Algorithms with C++ and Python Algorithms for Competitive Programming (Getting Started with Competitive Programming)

Code: CBIT/20CSV010

Duration: 12 Weeks

SNO	Registered & completed student Name	Total no. of students registered & completed
1	160118733129 & Koneti Jaya Sriharshita	01
2	160120733164 & Rayan Ahmed	01
3	160120733122 & Asiya Anjum	01
4	160120733153 & MOHAMMAD ADNAN	01

Syllabus:

- Week 1: Sorting and Searching Algorithms
- Week 2: Greedy Algorithms - I
- Week 3: Greedy Algorithms - II
- Week 4: Disjoint Set Union with Path Compression
- Week 5: Minimum Spanning Tree
- Week 6: Shortest Paths: Dijkstra and Beyond
- Week 7: Network Flows - I
- Week 8: Network Flows - II, Divide and Conquer
- Week 9: Dynamic programming - I
- Week 10: Dynamic programming - II
- Week 11: Dynamic programming - III
- Week 12: Dynamic programming - IV

Books and references

Algorithms by Jeff Erickson (freely available online)

Algorithms Illuminated by Tim Roughgarden

Algorithm Design


Jon Kleinberg and Éva Tardos

Introduction to Algorithms

Cormen, Leiserson, Rivest, Stein

Competitive Programming 4: The Lower Bound of Programming Contests in the 2020s by Steven Halim and Felix Halim

Guide to Competitive Programming: Learning and Improving Algorithms Through Contests Antti Laaksonen


Professor and Head Department
Department of Computer Science & Engineering
Chaitanya Charathi Institute of Technology (A)
Gandipet, Hyderabad-500 075.(T.S.)

Course 6: Introduction to Quantum Computing: Quantum Algorithms and Qiskit

Code: CBIT/20CSV014

Duration: 12 Weeks

SNO	Registered & completed student Name	Total no. of students registered & completed
1	160120733164 & Rayan Ahmed	01

Syllabus:

Week 1: Introduction and IBM Quantum Perspective, Q Mission in India – Invited talk, Quantum Computing Applications, Quantum Computing Basics


Week 2: IBM Quantum Composer and Quantum Lab using Qiskit

Week 3: Quantum Algorithms-I (Oracles, Deutsch Jozsa), Quantum Algorithms-II (Grover's Algorithm with Hands-on)

Week 4: Quantum Error Correction, NISQ era Quantum Algorithms (VQE/QAOA and industrial applications)

Books and references

- Qiskit Textbook: <https://qiskit.org/textbook/preface.html>
- YouTube Quantum learning series: <https://www.youtube.com/playlist?list=PLOFEBzvs-Vvp2xg9-POLJhQwtVktlYGBY>
- Quantum Computation and Quantum Information, Textbook by M. A. Nielsen and I. Chuang, Cambridge University Press (2010).


Professor and Head Department
Department of Computer Science & Engineering
Chaitanya Charathi Institute of Technology (A)
Gandipet, Hyderabad-500 075, (T.S.)

Course 3: Social Networks

Code: CBIT/20CSV015

Duration: 12 Weeks

SNO	Registered & completed student Name	Total no. of students registered & completed
1	160118733129 & Koneti Jaya Sriharshita	01

Syllabus:

Week 1: Introduction

Week 2: Handling Real-world Network Datasets

Week 3: Strength of Weak Ties

Week 4: Strong and Weak Relationships (Continued) & Homophily

Week 5: Homophily Continued and +Ve / -Ve Relationships

Week 6: Link Analysis

Week 7: Cascading Behaviour in Networks

Week 8: Link Analysis (Continued)

Week 9: Power Laws and Rich-Get-Richer Phenomena


Week 10: Power law (contd..) and Epidemics

Week 11: Small World Phenomenon

Week 12: Pseudocore (How to go viral on web)

Books and references

- 1. Networks, Crowds and Markets by David Easley and Jon Kleinberg, Cambridge University Press, 2010 (available for free download).**
- 2. Social and Economic Networks by Matthew O. Jackson, Princeton University Press, 2010.**


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Department of Computer Science & Engineering
Chaitanya Charathi Institute of Technology (A)
Gandipet, Hyderabad-500 075.(T.S.)