

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A),
HYDERABAD-500075**

**1.3.2 Number of value-added courses for imparting transferable and life skills offered
during last five years**

Index AY:2017-2018

S.No	Name of the value added courses (with 30 or more contact hours)offered	Page Number
28	Advanced Simulation Lab	2
29	JAVA Programming	9
30	Industrial Exposure	12
31	Managerial Economics & Accountancy	20
32	Disaster Mitigation & Management	26
33	Communication and Navigation Products	32
34	Professional Ethics and Human Values	35
35	Professional Ethics and Human Values	41
36	Soft Skills and Employability Enhancement	44
37	Disaster Control and response	47
38	Conceptial Communication and Navigation Products	72

ADVANCED SIMULATION LAB

Instruction	3L Periods per week
Duration of University Examination	3 Hours
University Examination	50 Marks
Sessionals	25 Marks
Credits	2

LAB EXPERIMENTS

1. Familiarization with simulation tools like LabVIEW and Network Simulator2 (NS2)
2. Working with loops, Structures and Mathscripts
3. (a) Combinational circuits(Adders , Substractors , Mux , Demux, Decoder and Encoder)
- (b) Sequential circuits (Flip flops, counters and registers)
4. (a) Convolution and correlation of signals
- (b) Filters (FIR and IIR)
5. (a) Analog modulation and demodulation schemes(AM and FM)
- (b) Digital carrier modulation and demodulation schemes (ASK and FSK)
6. (a) Time domain analysis (State variable analysis)
- (b) Frequency domain analysis (Nquist and Bode plots)
7. Study of basic features and functions of RTOS (VxWorks)
8. VxWorks Task function programming
9. VxWorks Timer programming
10. VxWorks IPC Programming-I
- (a) Signals
- (b) Semaphores
11. VxWorks IPC Programming-II
- (a) Message Queques
- (b) Mail boxes
12. Creation of a network with at least four nodes.
13. Transmission between the nodes in a network.
14. Simulation of the data transfer between the nodes using TCP

Design and development of any one of the following applications.

- (a) Digital IIR Notch filter
- (b) Multistage design of decimator and interpolator
- (c) Discrete multitone transmitter and receiver
- (d) ALU
- (e) Universal shift registers
- (f) Code converters
- (g) PLL
- (h) Implementation of the Real time scheduling algorithms

No of students Enrolled: 209

No of students completing the course: 206

S.No	Roll Number	Name of the Student
1.	160114735001	AKSHITHA DUDDALA
2.	160114735002	ALEKHYA
3.	160114735003	ANJALI PANDIRI
4.	160114735004	BHARATHI KIMUDU
5.	160114735005	DEEKSHA BALLA
6.	160114735006	JAYAVANI
7.	160114735007	MAMATHA PASTAM
8.	160114735009	NISSIMA DEVARAPALLI
9.	160114735010	PRIYANKA SURANNAGARI
10.	160114735011	SERLA PUSHPA LATHA
11.	160114735012	RAGA REDDY GUNDLAPALLY
12.	160114735013	SAI MAANASA
13.	160114735014	SAI SIRISHA PYARASANI
14.	160114735015	SRAVANTHI DUPPATI
15.	160114735016	SRAVYA
16.	160114735017	SREEJA KALLEM
17.	160114735019	SRUJANA NANDOJU
18.	160114735020	TEJASWINI RAJAMURI
19.	160114735021	YASHASHWINI
20.	160114735022	ABHISHEK REDDY ANDLURU
21.	160114735023	AKASH REDDY
22.	160114735024	NAGULAVANCHA AKHIL
23.	160114735025	AMOSE
24.	160114735026	ANUDEEP REDDY MAMIDI
25.	160114735027	BALATEJA BOMMERI
26.	160114735028	BHARATH KUMAR MATURI
27.	160114735029	CHANDRA VARMA BANTUPALLI
28.	160114735030	DEEKSHIT MYAKALA
29.	160114735032	HARI SHANKER SHETTY
30.	160114735033	HARSHITH ALLAMSETTI
31.	160114735034	CHINTALAPATI HEMANTH VARMA
32.	160114735035	VAGGU JAYAPRAKASH
33.	160114735036	KARUNESH PASULA
34.	160114735037	KUSHAL KUMAR ANDE
35.	160114735038	LAKSHMAN GANTA
36.	160114735039	MOHAMMED SHAFEEQUR REHMAN
37.	160114735040	PARDHA SARATHY REDDY

38.	160114735041	PRAVEEN RAO NALLABELLY
39.	160114735042	RAHUL SURAM
40.	160114735043	NAMBALLA RAKESH
41.	160114735044	RAMGOPAL CHOWDARY EADARA
42.	160114735046	RAVI TEJA KONATHAM
43.	160114735047	HARSHA REDDY
44.	160114735048	PANDALA SAI SRIKAR
45.	160114735049	SAI VISHNU CHOWDARY TAMMINENI
46.	160114735050	SABBANI SAMANTH
47.	160114735051	SRI DATTA MUNKUNKAR
48.	160114735052	SRINIVAS REDDY MAMIDI
49.	160114735053	SRINIVASULU
50.	160114735054	SURENDRA VELPULA
51.	160114735056	SURYA TEJA
52.	160114735057	VEDAKSHAY JANDHYALA
53.	160114735058	VENKATA SAI KRISHNA GANJI
54.	160114735059	VISHAL KUMAR
55.	160114735060	ZOHEB KHAN
56.	160114735061	BHANU TEJASWI
57.	160114735062	MAANYAM BHAVANA
58.	160114735063	KOMMINENI DIVYA SITHARA
59.	160114735064	JB FARHEEN
60.	160114735065	MUKKELLI GEETHANJALI
61.	160114735066	MALLIPALLY HEMALATHA
62.	160114735067	MUSIPATLA KRISHNA SRI PRANVI
63.	160114735068	LAVANYA ANUGU
64.	160114735069	MANEESHA THALLAPANENI
65.	160114735070	PAVANIBETHIREDDY
66.	160114735071	POOJITHA JOGGARI
67.	160114735072	BASABATHINI RACHANA
68.	160114735073	RACHANA KUMBHA
69.	160114735074	RAKSHITHA ACHARLA
70.	160114735075	RANYASRI SINGAREDDY
71.	160114735076	RASWITHA MUSUKU
72.	160114735077	SAHITHI MADIRAJU
73.	160114735078	SAI SRUTHI BATHINA
74.	160114735079	SHAIK HASNA
75.	160114735080	SHAIK NAZEEMA
76.	160114735081	SHRIVA THOUTIREDDY
77.	160114735082	SIRISHA
78.	160114735083	AWUTI SPURTHI

79.	160114735084	SRAVYA GARAGA
80.	160114735085	SRI HARSHA PANGULURI
81.	160114735086	SUNAYANA BRAMHAKANTI
82.	160114735087	VARSHITHA MITTA
83.	160114735088	AKHIL KATHURI
84.	160114735089	AKHIL LAKKA
85.	160114735090	BASHEERUDDIN BAIG
86.	160114735092	CHANDRAHAAS
87.	160114735093	LAKSHMI NARAYANA REDDY
88.	160114735094	MANISH THODUPUNURI
89.	160114735095	MD NISAR AHMED
90.	160114735096	N.NAGARAJU
91.	160114735097	GORLA NANA ADITYA
92.	160114735098	NIKHIL.MAMILLAPALLI
93.	160114735099	NIKHIL SIRIPURAM
94.	160114735100	PAVANA MADHU KUMAR NALLURU
95.	160114735102	RAHUL CHITTURI
96.	160114735103	RAVI KIRAN
97.	160114735104	SAI CHANDAN REDDY NARRA
98.	160114735105	GUNDA SAI SURYA
99.	160114735106	RAAVIKANTI SAITEJA
100.	160114735107	SAI VINEETH PENUKULA
101.	160114735108	SAMPATH RAJU VYSAYARAJU
102.	160114735109	SATYADEVA ANKEY
103.	160114735110	SRIKAR REDDY NOMULA
104.	160114735111	SURAJ GUPTA
105.	160114735112	TANOOZ NICHANAMETLA
106.	160114735113	VENKATA SAI ANNAMRAJ
107.	160114735115	venu GOPAL
108.	160114735116	KALLURI VINEETH KUMAR
109.	160114735117	VINEETH TULASI
110.	160114735118	VISHNU SAI LADE
111.	160114735119	VIVEK VARDHAN REDDY KARNE
112.	160114735120	YESHUSTEJA DANTU
113.	160114735121	PORUMAMILLA AKHILA
114.	160114735122	BUSI.AKHILA PRIYA
115.	160114735123	K.ANNAPURNA
116.	160114735124	ARAVINDA HALVI
117.	160114735125	ASRITHA BOLLA
118.	160114735126	BHAVYA BUDDHA
119.	160114735127	DEVIKA CHOWDARY

120.	160114735128	KANMANTHAREDDY DIVYA
121.	160114735129	GOLLAGUEDEM GOUTHAMI
122.	160114735130	HARIKA REDDY PATLOLLA
123.	160114735131	HARSHINI VADDIREDDY
124.	160114735132	BASAVOJU KAVYA SREE
125.	160114735133	KHYATEESWARI BOLISETTI
126.	160114735134	LEKHASRI KONDU
127.	160114735135	MALLIKA
128.	160114735136	P MONICA REDDY
129.	160114735137	NIHARIKA RAMOJIPALLY
130.	160114735138	NIKHITHA ANDE
131.	160114735139	SINGURU RADHIKA
132.	160114735141	LIKHITHA DEVIREDDY
133.	160114735142	KUPPA SAI PRAVALLIKA
134.	160114735143	NIDUMUKKALA SAILAKSHMI
135.	160114735144	SHRUTHI REDDY RACHUMALLA
136.	160114735145	SNEHA LATHA PALAVARAPU
137.	160114735146	PASURLA SNEHA
138.	160114735147	SNIGDHA SHEREL GALI
139.	160114735148	SPANDANA MUNDLA
140.	160114735149	SRAVYA BANDHAKAVI
141.	160114735150	BHUCKYA SRI LEKHA
142.	160114735151	VINUTHNA PENDYALA
143.	160114735152	ABHILASH
144.	160114735153	DASARI ADITYA
145.	160114735155	AKHIL SURA
146.	160114735156	ANIRUDH NEHRU
147.	160114735157	ANUJ SANATHANAN
148.	160114735158	DEEPAK MANNE
149.	160114735159	GOUTHAM NAIK MOOD
150.	160114735160	KALI KRISHNA
151.	160114735161	CHEERLA KALYAN
152.	160114735162	RAVULAPALLI KIRAN VINEETH
153.	160114735163	NIKHIL NICHENAMETLA
154.	160114735164	NIRDESH KONIREDDY
155.	160114735165	MADUGULA PRANEETH
156.	160114735166	RAGHAVA VANATHADUPULA
157.	160114735167	KARNATI RAHUL
158.	160114735168	RAHUL SRIGADDE
159.	160114735169	RAMAKRISHNAREDDY
160.	160114735170	RAMESH SAGAR
161.	160114735171	RISHAV SRIVASTAV

162.	160114735172	RISHI KUMAR
163.	160114735173	SADA SANDEEP
164.	160114735174	BANDI SAI CHARAN TEJ
165.	160114735175	BUSAN SAI KIRAN
166.	160114735176	SAI PRASANNA KUMAR
167.	160114735177	REDNAM SAI SURYA SAKETH
168.	160114735178	SAI SUSHANTH
169.	160114735179	SANTHOSH REDDY KANDHIMALLA
170.	160114735180	SHRAVAN KINNERA
171.	160114735182	RITESH KOTIPALLI
172.	160114735301	HANMANTHU VADLA
173.	160114735302	JAKKENA NAVEEN
174.	160114735303	CHITYALA HARI KRISHNA
175.	160114735304	VINOD KUMAR GOUD EDIGA
176.	160114735305	SAIRAM GOUD RAMARAPU
177.	160114735306	SUVARNA PALETI
178.	160114735307	MEGHANA AKULA
179.	160114735308	RAJU KAKARLA
180.	160114735309	RAMYA KUMARI MAJJI
181.	160114735310	JYOTHI PONNALA
182.	160114735311	RAJITHA CHANDLAPURAM
183.	160114735312	SAIHARSHAVARDHANA REDDY
184.	160114735313	RAMAVATH KRISHNAVENI
185.	160114735314	THATI NAVEEN KUMAR
186.	160114735315	MANOJ BADUGU
187.	160114735316	ANIL KUMAR GOUD
188.	160114735317	RANJITH KUMAR BODDULA
189.	160114735318	PADALA BHULAXMI
190.	160114735319	SUPRIYA JEJIGARI
191.	160114735320	SWETHA PUDUTHA
192.	160114735322	BARMAVATH NARENDER
193.	160114735323	SHIVAJI VANKUDOTHU
194.	160114735324	REDDY BHAGYA NAGA SAISREE
195.	160114735325	ADITYA KATHURI
196.	160114735326	BANU KUMAR
197.	160114735327	MADHAVAN SAINATH RAO
198.	160114735328	SUMITH RAYABHARAPU
199.	160114735329	GANESH GOUDA
200.	160114735330	MAHESH DASARI
201.	160114735331	MOHD ASRARULLAH HAZRAMI
202.	160114735332	KONDURU SREETEJA

203.	160114735333	SV KARTHIK SIDDHARTH
204.	160114735334	MONDEDLA ANIL
205.	160114735335	BANOTH RAJITHA
206.	160114735336	SOUMYA

OBJECT ORIENTED PROGRAMMING WITH JAVA

Instruction	4L Periods per week
Duration of University Examination	3 Hours
University Examination	75 Marks
Sessional	25 Marks

Course Objectives:

1. Write, compile and execute Java programs.
2. Understand the role of the Java Virtual Machine in achieving platform independence.
3. Use threads in order to create more efficient Java programs.
4. Write, compile and execute event driven programming using AWT classes.

Course Outcomes:

1. Design, create, build, and debug Java applications and applets.
2. Create multiple threads for achieving multiple tasks.
3. Write programs using graphical user interface (GUI) components and Java's Event Handling models.
4. Use user defined exception handling to customize any type of errors
5. Create collections to organize objects
6. Use inheritance to reuse objects

Unit-I

Introduction to OOP : Introduction, Need of Object Oriented Programming, Principles of Object Oriented Languages ,Procedural languages Vs OOP, Applications of OOP, History of JAVA, Java Virtual Machine, Java Features, Program structures, Installation of JDK 1.6. Programming Constructs : Variables, Primitive Datatypes, Identifiers- Naming Conventions, Keywords, Literals, Operators Binary ,Unary and ternary, Expressions, Precedence rules and Associativity, Primitive Type Conversion and Casting, Flow of control-Branching, Conditional, loops.

Unit-II

Classes and Objects : classes, Objects Creating Objects, Methods, constructors-Constructor overloading, cleaning up unused objects-Garbage collector, Class variable and Methods-Static keyword, this keyword, Command line arguments.

Inheritance: Types of Inheritance, Deriving classes using extends keyword, method overloading ,super keyword, final keyword, Abstract class .

Unit-III

Interfaces, Packages and Exceptions : Interface, Extending interface, Interface Vs Abstract classes, Packages-Creating packages, using Packages, Access protection, java.lang package. Exception -Introduction, Exception handling techniques- try... catch, throws, finally block, user defined exception.

MultiThreading : java.lang.Thread , The main Thread, Creation of new threads, Thread priority, Multithreading- Using isAlive() and join(), Synchronization, suspending and Resuming threads, Communication between Threads.

Unit-IV:

Input/Output : Reading and writing data, java.io package.

Generics and java.util : Generics,Using Generics in Arguments and Return Types, Defining Your Own Generic Classes, Linked List, Hashset Class, Treemap Class, Hashmap Class,Treemap Class, Collections, Legacy Classes and Interfaces, Difference between Vector and ArrayList , Difference between Enumerations and Iterator.

Unit-V:

Applets: Applet class, Applet structure, An Example Applet Program, Applet Life Cycle, paint(),update() and repaint().

Event Handling : Introduction, Event Delegation Model, java.awt.event Description, Sources ofEvents, Event Listeners, Adapter classes, Inner classes.

Abstract Window Toolkit: Why AWT?, java.awt package, Components and Containers, Button, Label, Checkbox, Radio buttons,List boxes, Choice boxes, Text field and Text area, container classes, Layouts, Menu, Scroll bar.

TEXT BOOK:

1. Programming in JAVA,2ed, Sachin Malhotra, Saurabh choudary, Oxford University Press

Suggested Reading:

1.The Complete Reference Java, 8ed, Herbert Schildt, TMH

2.JAVA for Beginners, 4e, Joyce Farrell, Ankit R. Bhavsar, Cengage Learning.

3.Object Oriented Programming with JAVA, Essentials and Applications, Raj Kumar Bhuyya,Selvi, Chu TMH

Introduction to Java Programming, 7th ed, Y Daniel Liang, Pearson

No of students Enrolled: 35

No of students completing the course: 35

S.No	Roll Number	Name of the Student
1.	160114735003	ANJALI PANDIRI
2.	160114735010	PRIYANKA SURANNAGARI
3.	160114735013	SAI MAANASA
4.	160114735015	SRAVANTHI DUPPATI
5.	160114735020	TEJASWINI RAJAMURI
6.	160114735026	ANUDEEP REDDY MAMIDI
7.	160114735034	CHINTALAPATI HEMANTH VARMA
8.	160114735037	KUSHAL KUMAR ANDE
9.	160114735039	MOHAMMED SHAFEEQUR REHMAN
10.	160114735046	RAVI TEJA KONATHAM
11.	160114735049	SAI VISHNU CHOWDARY TAMMINENI
12.	160114735052	SRINIVAS REDDY MAMIDI
13.	160114735057	VEDAKSHAY JANDHYALA
14.	160114735058	VENKATA SAI KRISHNA GANJI
15.	160114735060	ZOHEB KHAN
16.	160114735089	AKHIL LAKKA
17.	160114735111	SURAJ GUPTA
18.	160114735119	VIVEK VARDHAN REDDY KARNE
19.	160114735132	BASAVOJU KAVYA SREE
20.	160114735149	SRAVYA BANDHAKAVI
21.	160114735150	BHUCKYA SRI LEKHA
22.	160114735151	VINUTHNA PENDYALA
23.	160114735170	RAMESH SAGAR
24.	160114735182	RITESH KOTIPALLI
25.	160114735301	HANMANTHU VADLA
26.	160114735302	JAKKENA NAVEEN
27.	160114735303	CHITYALA HARI KRISHNA
28.	160114735304	VINOD KUMAR GOUD EDIGA
29.	160114735305	SAIRAM GOUD RAMARAPU
30.	160114735308	RAJU KAKARLA
31.	160114735309	RAMYA KUMARI MAJJI
32.	160114735310	JYOTHI PONNALA
33.	160114735311	RAJITHA CHANDLAPURAM
34.	160114735312	SAI HARSHAVARDHANA REDDY
35.	160114735325	ADITYA KATHURI

TITLE OF THE VALUE ADDED COURSE

Industrial Exposure

Code: CBIT/17EEV01

Duration: 30 Hours

Academic year: 2017-18




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

Syllabus:

- Introduction
- Kaleshwaram lift irrigation project
- Gravity canals and lift irrigation
- Online storage
- Linking medigadda project to sripada yellampalli
- Lakshmipur pump house
- Sundilla pump house
- Power
- Electro mechanical equipment
- Switch gear
- Benefits of project


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			IE				
Wednesday							
Thursday						IE	
Friday	IE						
Saturday							



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

List of Participants :


SNO	Registered & completed student Name	Total no. of students registered & completed
1	HAREN D	145
2	BHANU TEJA	
3	KAUSHIK	
4	JUVVADI NISHEETH RAO	
5	SAI SURYA	
6	SAI VAMSHI	
7	SHASHWAT SINHA	
8	C SAI KIRAN GOUD	
9	ANUKRITI	
10	KANCHARLA ASRITA	
11	GOTTIMUKKULA BHAGYASRI	
12	BOLUGAM GHANATHA	
13	RACHURI HARITHA	
14	MALLU HARSHU	
15	CHAVA HYNDHAVI	


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16	VALLAPUREDDY KALPANA
17	VUGGE MANASA
18	KATEPALLY NITHYA REDDY
19	MULA PRANATHI REDDY
20	BOYENI RAMA DEVI
21	S SAHITYA
22	CHADA SHIVAPRIYA
23	UPRE SOUJANYA
24	MUDDASANI SPOORTHY
25	S SPURTHI
26	KAMATHAM SRINIJA REDDY
27	MOPARTHY SUSMITHA
28	P SWAPNA SRI
29	KATANGUR TEJASWI REDDY
30	AVADHANAM VAISHNAVI
31	BADHE VAISHNAVI
32	GULLIPALLI VAISHNAVI
33	ADITYA NAVUDURI
34	GUNTI AKASH
35	MALLEPAKA AKHIL
36	PAGADALA GIRISH
37	YALALA HANEESH REDDY
38	VEERANNAGARI HARI CHARAN REDDY
39	KANDIMALLA MAHENDRABABU
40	MADIBONI MANIKANTH
41	MOHAMMAD SALMAN
42	MOHD ZOHEB SHAHZAN


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43	ADLA NITHIN REDDY
44	LANAJAPALLI PANIKESWARA REDDY
45	RATHLAVATH PRASHANTH NAIK
46	PRITHVEESH LINGALA
47	SINGASANI PRUTHVICHANDRA KUMAR
48	THANDU RAHUL
49	BHUVANA REVANTH
50	S C V REVANTH VARMA K
51	PATTI SAHRUDAY REDDY
52	POBBATI SAI CHARAN
53	MAILA SAI CHARAN REDDY
54	VARAKALA SAI KRISHNA
55	SHAIK YOUSUF
56	AKULA SHARATH CHANDRA PRASAD
57	V SHARATH CHANDRA REDDY
58	MAMIDIPELLI SHASHIDHAR
59	B SWARNA VENKATA BHARATH
60	POTLURI TARUN SAI
61	MADDELA UTHAM KUMAR
62	MUTHYALA VAMSHI KRISHNA REDDY
63	AACHI VIJAY VENKAT
64	NADIKUDA VIKAS KIRAN
65	PASULA VISHNU
66	CHANDUPATLA SAI TEJA
67	MACHA SHARATH
68	MOHAMMAD AYESHA FARHEEN
69	JULURI RAVI KIRAN


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70	AKKALA LAXMAN
71	RAHUL. B
72	MUTTHINENI PRAVALIKA
73	GADAPAKA PRASHANTH
74	BADE NITHIN
75	KASALA RAJESH
76	A SUMEGHA REDDY
77	GAJJALA SWAPNA
78	VARNA ANJALI
79	RAVVA BHAGYA SRI
80	NADAKUDITI DEEPIKA
81	NEMMANI DIVYA SAI
82	THOTAKURA JAHNAVI
83	DUGGIRALA JAI ANUSHA
84	THANAM MARY NITHYA
85	MOHAMMAD RUMANA
86	VINJAMoor POOJITHA
87	MUSTHYALA PRATHYUSHA
88	RASHMI KAPOOR
89	DATLA SAI ALEKHYA
90	KORIVI SAI GOWTHAMI
91	RATNAKARAM SAI SRUTHI
92	JANGAM SANKEERTHANA
93	BANDIKALTA SHRAVANI
94	DHANAVATH SIRISHA
95	SIRISHA KETHAVATH
96	POGULA SNEHANJALI


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

97	GOSHIKA VAISHNAVI
98	VODDNAALAA VAISSHNAVI
99	VIBHAVARI NORI
100	ZAREEFA NOUSHEEN
101	THURPATI ANIL
102	SAMA ARAVIND
103	MOGILLA DINESH REDDY
104	JAY PANARA
105	SINGAVARAPU JOEL VINOD
106	AMARABOINA MADHU
107	KAITHA MANISH
108	MD JAVEED MEANDAD
109	MOHAMMED IMRAN
110	GAYAM NARASIMHA REDDY
111	KONDA NAVEEN KUMAR
112	CHEVITI PREMSAGAR
113	GUDIPUDI RAHUL
114	GOTLURU SAHITI SREEKARA SARMA
115	GADE SAI KIRAN
116	VEMULA SAI LOKESH KUMAR
117	MEDEPALLI SAITEJA
118	VOLLALA SAITEJA
119	MANDHA SAIUJWAL
120	YEDULLA SAI VIVEK REDDY
121	RAYAKANTI SAVITH KUMAR
122	CHINTAMANENI SOUMIC SAI
123	SRI SATYA SOURISH YERUBANDI


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124	CHILUKURY SRI TARUN REDDY
125	PULLURI SRIKESH
126	CHALASANI SRINAGH DHANUNJAI
127	JATOTHU SUMAN
128	RANDENI VARUN
129	THODE VIJAY KUMAR
130	PENTHALA VINAY KUMAR
131	BAGAM VISWAMITHRA
132	POLE YADAGIRI
133	DIVYA N
134	GODUGU ARUN KUMAR
135	VEERLA MANIKANTA
136	UDUTHA SATHEESH
137	SANDIRI SAIKRISHNA
138	KORRA RAMU NAIK
139	P VIJAYA BHARGAVA PHANI DUTT
140	DUDKA SOUMYA
141	VALABOJU CHANDANA
142	CHINTALA SUPRIYA
143	AMUDALA SAGARIKA
144	TANGUTURI PAVANI
145	AMENA NOUSHEEN


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TITLE OF THE VALUE ADDED COURSE

Managerial Economics & Accountancy

Code: MB214


Duration: 30 Hours

Academic year: 2017-18


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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						MEA	
Wednesday	MEA						
Thursday							
Friday						MEA	
Saturday							



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

List of Participants :


SNO	Registered & completed student Name	Total no. of students registered & completed
1	THAKKALAPALLY ABHINAY RAO	136
2	KANADHIBHATLA SHANMUKHA SREERAM	
3	ALIYA TABASSUM	
4	CHINTHALGATTU ANKITHA	
5	BHAVYA Y	
6	CHANDRIKA K	
7	VEERLA MANASA	
8	M NANDINI	
9	RADHIKA SHARMA	
10	ALLA RASWITHA	
11	RINNY	
12	ANAPOSALA ROJA	
13	MADPATHI SHIVANI	
14	G SHREYA REDDY	
15	A SNEHITHA	
16	SRIVIDYA DYARAM	
17	VARUNI	
18	VENNELA REDDY	
19	CHINTHALAPALLY VINITHA	
20	ABHIJEET	
21	NEELI ARAVIND	
22	NEVILI DHEERAJ KUMAR	
23	T GOVARDHAN	
24	BOYA HARISH	
25	ADIKA HARSHAVARDHAN	
26	MAHANKALI INDRASEN	
27	GUNDLA KARTHIEEK	
28	BANDI KARTHIK	
29	VAITLA KARTHIK ROSHAN	
30	KODEBOYINA KETHAN KUMAR	
31	CHITRACHEDU LALUSWAMI	
32	MEKALA MANOJ KUMAR	
33	MANOJ KUMAR VANGA	
34	MD MUTEEB BASHA	
35	VARANASI NAGA VENKATA SAI	
36	PABBALA NAVEEN KUMAR	
37	NIKHIL REDDY	
38	BANOTHU PRASHANTH	
39	BUDIGONDA RAKESH	


HEAD
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40	RISHIKESH P
41	MANUBRAHMA SADGUNA CHARY
42	GUNDU SAI KIRAN
43	BODDUPALLY SAIKIRAN
44	GADE SAIKUMAR
45	KANDE SAI KUMAR
46	BANOTH SANTHOSH
47	MACHARLA SEETHARAMULU
48	SAILADA SRIKANTH
49	TELIKAPALLI SRIKAR
50	THATIKONDA SRINATH
51	TEKU SRINIVAS
52	SURYA CHANDRA REDDY
53	DONTHU RAVINDRANATH
54	GOLLA RAJKUMAR
55	CHELIMAL ARAVIND GOUD
56	A ANJANEYULU
57	VOLLALA SWATHI
58	DURGAM ANAND
59	CHANDAN KUMAR
60	KETHAVATH PANDU
61	N SRINIVASULU
62	ELLANDULA BIKSHAPATHI
63	T SHIREESHA
64	SAMREEN BEGUM
65	NEERATI DIVYA
66	ADITYA K
67	VASIREDDY ROHITH
68	DHARAVATH AKHILA
69	ANNAMANENI ANOOHYA
70	KOKKONDA DIVYASREE
71	JHANSYRANI UBBANA
72	GURRAM LAXMI MEGHANA
73	Y LAXMI PRIYANKA
74	MANDA MANASA
75	SAKKI MRUDULA
76	MATTA NAYANA
77	MOLAGARA PRIYANKA
78	DASYAM RAJA APOORVA
79	ARELLA RAMYA
80	VUDIMUDI SAI SANTOSHI
81	KASIBHATTA SAMHITHA


HEAD
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82	BHEEMANAPALLY SHALINI
83	JUPUDI SRESHTHA
84	M SRI TEJA
85	D SRIJA
86	BATTULA SUPRAJA
87	DODDA SUPRIYA
88	DHARAVATH BALAJI
89	RACHAKONDA BHARGAV SAGAR
90	B B SATYA MANI SAI KIRAN
91	KANIGIRIBHUVAN TEJ
92	PARIMI CHARANSAI
93	MUVVALA HARI GOPAL
94	VOORE JAYA ADARSH
95	JAYANTH PENAMATA
96	KOPERA KARTHIK SAI
97	GUDUR KRANTHI KUMAR REDDY
98	GURRAPU MADHU
99	YELURI MAHARSHI
100	MOLUGURI MAHESH
101	BATHULA MANISH KUMAR
102	VARIKOLU MANOJ KUMAR
103	MANOJ LABHISHETTY
104	MOHD FAIZAN IYAAZUDDIN
105	PATNAM NITHIN CHANDRA
106	G NITHIN KUMAR
107	MUNDRATHI NITHIN KUMAR
108	MANDHADI PAVAN REDDY
109	G PURUSHOTHAMA RAGHAVENDRA REDDY
110	MALKA SAI KIRAN
111	SAI PRAKASH V
112	YELLANKI SAIKUMAR
113	G SAMPREETH REDDY
114	RAMINENI SANDEEP
115	SANDEEP SANGISHETTY
116	THAMBALLA SANDEEP
117	MANDARI SIDDHARTHA
118	MULLAPUDI SIVA KRISHNA
119	CHARKA SOURAB
120	SREEKANTH CHIRUGANAM
121	CHINNABATHINI SRIKANTH
122	TALARI SRIKANTH
123	POTHARLA SRIKANTH YADAV


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124	YESHWANTH S	
125	BOBBALA RAJESH	
126	ADIKOPPULA VARSHA	
127	GUJJA RAMAKRISHNA	
128	MASEED ANITHA	
129	BONDUGULA AKSHAY	
130	MANDALA VIKRAM	
131	PANNALA PRATHAP REDDY	
132	DASARI RUSHMITHA	
133	N SRILEKHA	
134	KADAGONI MAHESH	
135	THORTHI SAI VAMSI	
136	THUMALAPALLY SRAVANI	


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TITLE OF THE VALUE ADDED COURSE

Disaster Control and Response

Code: CBIT/17CEV02

Duration: 30 Hours

Academic year: 2017-18



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Gandipet, Hyderabad - 75

Syllabus:

DISASTER CONTROL AND RESPONSE

COURSE CODE: - CBIT/17CEV02

Instruction

3 Periods per week

Course Objectives:

1. To equip the students with the basic knowledge of hazards, disasters, risks and vulnerabilities including natural, climatic and human induced factors and associated impacts.
2. To impart knowledge in students about the nature, mechanism causes, consequences and mitigation measures of the various natural disasters including hydro metrological and geological based disasters.
3. To enable the students to understand risks, vulnerabilities and human errors associated with human induced disasters including chemical, biological and nuclear warfare agents.

Course Outcomes:

1. Ability to analyse and critically examine existing programs in disaster management regarding vulnerability, risk and capacity at local level
2. Ability to choose the appropriate activities and tools and set up priorities to build a coherent and adapted disaster management plan.
3. Ability to understand various mechanisms and consequences of natural and human induced disasters for the participatory role of engineers in disaster management.

UNIT-I:


Introduction to Natural, human induced and human made disasters – Meaning, nature, types and effects; International decade of natural disaster reduction (IDNDR); International strategy of natural disaster reduction (ISDR)

UNIT-II:

Natural Disasters– Hydro meteorological disasters: Causes, impacts, Early warning systems, structural and non-structural measures for floods, drought and cyclones; Tropical cyclones: Overview, cyclogenesis, drought monitoring and management.;

UNIT III:

Human induced hazards: Risks and control measures in a chemical industry, Causes, impacts and mitigation measures for chemical accidents, chemical disaster management, current status and perspectives; Case studies related to various chemical industrial hazards eg: Bhopal gas tragedy;


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UNIT IV:

Use of remote sensing and GIS in disaster mitigation and management; Scope of application of ICST (Information, communication and space technologies in disaster management, Critical applications & Infrastructure; Potential application of Remote sensing and GIS in disaster management and in various disastrous conditions like earthquakes, drought, Floods, landslides etc.

UNIT V:

Concept of disaster management: Introduction to disaster management, Relationship between Risk, vulnerability and a disaster, Disaster management cycle, Principles of disaster mitigation: Hazard identification and vulnerability analysis, Early warning systems and forecasting; Infrastructure and development in disaster management;

Text Books:


1. Rajib, S and Krishna Murthy, R.R (2012), "Disaster Management Global Challenges and Local Solutions" Universities Press Hyderabad.
2. Notes / Reading material published by National Disaster Management Institute, Ministry of Home Affairs, Govt. of India.

Suggested Reading:

1. Navele, P & Raja, C.K. (2009), Earth and Atmospheric Disasters Management, Natural and Manmade. B.S. Publications, Hyderabad.
2. Fearn-Banks, K (2011), Crises computations approach: A case book approach. Route ledge Publishers, Special Indian Education, New York & London.
3. Battacharya, T. (2012), Disaster Science and Management. Tata McGraw Hill Company, New Delhi.


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			DCR	LUNCH			
Tuesday						DCR	
Wednesday							
Thursday		DCR					
Friday							
Saturday							



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

List of Participants :


SNO	Registered & completed student Name	Total no. of students registered & completed
1	THAKKALAPALLY ABHINAY RAO	99
2	KANADHIBHATLA SHANMUKHA SREERAM	
3	CHINTHALGATTU ANKITHA	
4	BHAVYA Y	
5	CHANDRIKA K	
6	RADHIKA SHARMA	
7	ALLA RASWITHA	
8	RINNY	
9	ANAPOSALA ROJA	
10	MADPATHI SHIVANI	
11	G SHREYA REDDY	
12	A SNEHITHA	
13	VARUNI	
14	VENNELA REDDY	
15	CHINTHALAPALLY VINITHA	
16	T GOVARDHAN	
17	BOYA HARISH	
18	ADIKA HARSHAVARDHAN	
19	MAHANKALI INDRASEN	
20	GUNDLA KARTHIEEK	
21	BANDI KARTHIK	
22	VAITLA KARTHIK ROSHAN	
23	MEKALA MANOJ KUMAR	
24	MANOJ KUMAR VANGA	
25	NIKHIL REDDY	
26	BUDIGONDA RAKESH	
27	MANUBRAHMA SADGUNA CHARY	
28	GUNDU SAI KIRAN	
29	BODDUPALLY SAIKIRAN	
30	GADE SAIKUMAR	
31	KANDE SAI KUMAR	
32	BANOTH SANTHOSH	
33	MACHARLA SEETHARAMULU	
34	THATIKONDA SRINATH	
35	TEKU SRINIVAS	
36	SURYA CHANDRA REDDY	
37	CHELIMAL ARAVIND GOUD	
38	DURGAM ANAND	
39	ELLANDULA BIKSHAPATHI	


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40	SAMREEN BEGUM
41	NEERATI DIVYA
42	ADITYA K
43	VASIREDDY ROHITH
44	DHARAVATH AKHILA
45	KOKKONDA DIVYASREE
46	JHANSYRANI UBBANA
47	GURRAM LAXMI MEGHANA
48	Y LAXMI PRIYANKA
49	MANDA MANASA
50	SAKKI MRUDULA
51	MOLAGARA PRIYANKA
52	DASYAM RAJA APOORVA
53	ARELLA RAMYA
54	VUDIMUDI SAI SANTOSHI
55	KASIBHATTA SAMHITHA
56	M SRI TEJA
57	D SRIJA
58	BATTULA SUPRAJA
59	DODDA SUPRIYA
60	DHARAVATH BALAJI
61	RACHAKONDA BHARGAV SAGAR
62	MUVVALA HARI GOPAL
63	VOORE JAYA ADARSH
64	JAYANTH PENAMATA
65	KOPERA KARTHIK SAI
66	GUDUR KRANTHI KUMAR REDDY
67	MOLUGURI MAHESH
68	BATHULA MANISH KUMAR
69	MANOJ LABHISHETTY
70	MOHD FAIZAN IYAAZUDDIN
71	PATNAM NITHIN CHANDRA
72	G NITHIN KUMAR
73	MUNDRATHI NITHIN KUMAR
74	MANDHADI PAVAN REDDY
75	G PURUSHOTHAMA RAGHAVENDRA REDDY
76	MALKA SAI KIRAN
77	SAI PRAKASH V
78	G SAMPREETH REDDY
79	RAMINENI SANDEEP
80	SANDEEP SANGISHETTY
81	THAMBALLA SANDEEP


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82	MANDARI SIDDHARTHA	
83	MULLAPUDI SIVA KRISHNA	
84	CHARKA SOURAB	
85	SREEKANTH CHIRUGANAM	
86	CHINNABATHINI SRIKANTH	
87	POTHARLA SRIKANTH YADAV	
88	YESHWANTH S	
89	ADIKOPPULA VARSHA	
90	GUJJA RAMAKRISHNA	
91	MASEED ANITHA	
92	BONDUGULA AKSHAY	
93	MANDALA VIKRAM	
94	PANNALA PRATHAP REDDY	
95	DASARI RUSHMITHA	
96	N SRILEKHA	
97	KADAGONI MAHESH	
98	THORTHI SAI VAMSI	
99	THUMALAPALLY SRAVANI	


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TITLE OF THE VALUE ADDED COURSE

Communication and Navigation Products

Code: CBIT/HAL/01

Duration: 30 Hours

Academic year: 2017-18


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Gandipet, Hyderabad - 75

Syllabus:

Introduction to satellite system

- Orbital Mechanics
- Linking by satellite
- Available technologies (C, Ku, K-bands)
- Geosynchronous orbits and LEO's (Low Earth Orbits)
- Satellite design
- Transponder design

Satellite propagation and transmission equations

- Uplink characterization
- Transponder characterization
- Downlink characterization
- Atmospheric effects

Earth station design

- Uplink amplifiers, frequency converters, modulators
- Downlink amplifiers, frequency converters, demodulators
- Antennas

Analog modulation techniques

Digital modulation techniques

Satellite networks

FDMA, TDMA, CDMA, and packet


- Inter-satellite communications
- Performance evaluation

Navigation by satellite

- Time Difference of Arrival Techniques
- GPS Systems
- Limitations to Accuracy


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			CNP	LUNCH			
Tuesday							
Wednesday	CNP						
Thursday						CNP	
Friday							
Saturday							


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

List of Participants :

SNO	Registered & completed student Name	Total no. of students registered & completed
1	Ms. R. Amulya Reddy	03
2	Ms. U.L.S.S.Veda Mahita	
3	Ms. K. Navya Reddy	


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16CEC03

PROFESSIONAL ETHICS AND HUMAN VALUES

Instruction	1 L Periods per week
Duration of End Examination	2 Hours
End Examination	50 Marks
Sessional	---
Credits	1

Course Objectives:

1. To develop the critical ability among students to distinguish between what is of value and what is superficial in life
2. To enable the students, understand the values, the need for value adoption and prepare them meet the challenges
3. To enable the students, develop the potential to adopt values, develop a good character and personality and lead a happy life
4. To motivate the students, practice the values in life and contribute for the society around them and for the development of the institutions/organisation around they are in.
5. To make the students understand the professional ethics and their applications to engineering profession

Course Outcomes:

1. Students develop the capability of shaping themselves into outstanding personalities, through a value based life.
2. Students turn themselves into champions of their lives.
3. Students take things positively, convert everything into happiness and contribute for the happiness of others.
4. Students become potential sources for contributing to the development of the society around them and institutions/organisation they work in.
5. Students shape themselves into valuable professionals, follow professional ethics and are able to solve their ethical dilemmas.

UNIT-I: Concepts and Classification of Values – Need and challenges for value Adoption – Definition of Values – Concept of Values – Classification of Values – Hierarchy of Values – Types of Values – Interdependence of Values
Need for value education – Lack of education in values – Benefit of value education – Challenges for Value adoption – Cultural, Social, Religious, Intellectual and Personal challenges

UNIT – II: Personal Development and Values in Life

Personal Development: – Accountability and responsibility – Desires and weaknesses – Character development – Good relationships, self-restraint, Spirituality and Purity - Integrating values in everyday life

UNIT – III: Practicing Values for the development of Society

Resentment Management and Self-analysis – Positive Thinking and Emotional Maturity – The importance of Women , Children and Taking care of them – Helping the poor and needy – Fighting against addictions and atrocities – Working for the Sustainable development of the society

Principles of Integrity - Institutional Development - Vision for better India.

UNIT – IV: Basic Concepts of Professional Ethics

Ethics, Morals and Human life , Types of Ethics, Personal Ethics, Professional Ethics, Ethical dilemmas, Science – Religion - Ethics, Case Studies on Professional Ethics, Exemplary life sketches of prominent Indian personalities like Sri.M. Visweshwarayya, Dr. APJ Abdul Kalam and JRD Tata

UNIT-V: Ethics in Engineering Profession

Engineering Profession - Technology and Society - Ethical obligations of Engineering Professionals - Role and responsibility of Engineers - A few Case Studies on Risk management safety and Risk Management Plagiarism - Self plagiarism -- Ethics Standards and Bench Marking

Text Books:

1. Subramanian R, "Professional Ethics ", Oxford University Press, 2013
2. Nagarajan R S, "A Text Book on Human Values and Professional Ethics " New Age Publications, 2007
3. Dinesh Babu S, "Professional Ethics and Human Values", Laxmi Publications, 2007

Suggested Reading:

1. Santosh Ajmera and Nanda Kishore Reddy, "Ethics, Integrity and Aptitude", McGraw Hill Education Private Limited, 2014
2. Govinda Rajan M, Natarajan S, Senthil Kumar VS, "Professional Ethics and Human Values", Prentice Hall India, Private

Number of Students Enrolled: 180

Number of students completing course: 174

S.No	Roll Number	Name of the Student Completing the course
1.	160117735001	AKHILA MAARKA
2.	160117735002	ANJALI KANCHARLAPALLY
3.	160117735003	FAROOQUNNISA
4.	160117735004	HASEENA PALLE
5.	160117735005	KHUNDHANA M
6.	160117735007	LOHITHA GUNDAGANI
7.	160117735008	MAANSA KROVVIDI
8.	160117735009	NAMITHA KOMMINENI
9.	160117735010	NIKHILA RAJ NITTA
10.	160117735011	NIKHITHA T
11.	160117735012	NIPUNA VANCHA
12.	160117735013	PRAGNA DASARI
13.	160117735014	PRIYANKA KILARU
14.	160117735015	SAATHVI AVULA
15.	160117735016	SHIVANI JANNAIKODE
16.	160117735017	SHRAVANI REDDY VODDULA
17.	160117735018	SHREYA REDDY NANDIKA
18.	160117735019	SOWJANYA BODDANI
19.	160117735020	SRINIJA LANKALA
20.	160117735021	SRIYAPEYETI
21.	160117735022	VYSHNAVI CHEDEPUDI
22.	160117735023	ABHINAY SURYA
23.	160117735024	ABHISHEK ADIRE

S.No	Roll Number	Name of the Student Completing the course
24.	160117735025	ABHISHEK BEGARI
25.	160117735026	ADITYA PAMULAPATI
26.	160117735027	ASHISH ALLAMPALLY
27.	160117735028	BHARGAV KUMAR MAMIDALA
28.	160117735029	BHUVANESH SAMMETA
29.	160117735030	CHANIKYA MAMINDLAPALLI
30.	160117735031	DAMODHAR GADDI
31.	160117735032	DINESH REDDY SUNKARI

32.	160117735033	HARIKRISHNA ABBIDI
33.	160117735034	HARISH REDDY KOMATIREDDY
34.	160117735035	HRUSHIKESH A
35.	160117735036	KRISHNA SANDEEP REDDY NALLAMILLI
36.	160117735037	PRANITH AKUNURI
37.	160117735038	ROHITH REDDY S
38.	160117735039	SAI GOWTHAM CHITTEMSETTY
39.	160117735040	SAI PRATHAP REDDY VADICHERLA
40.	160117735041	SAI TEJA MACHABATHUNI
41.	160117735042	SHAIK JANI MIYA
42.	160117735043	SHAIK JUNIATH
43.	160117735044	SHAIK SOHAIL
44.	160117735045	SHASHIVARDHAN REDDY KAVELI
45.	160117735046	SHIVAKUMAR Y
46.	160117735047	SHRAVAN KUMAR GOUD KALALI
47.	160117735048	SRIKANTH GAVIDE

S.No	Roll Number	Name of the Student Completing the course
48.	160117735049	SRIKANTH GUNTURU
49.	160117735050	SUFIYAN AHMED
50.	160117735051	SUNIL VARMA RUDRARAJU S S
51.	160117735052	THARUN THOTA
52.	160117735053	UTHEJ KADARI
53.	160117735054	VARUN MASKU
54.	160117735055	ERUKULLA VENKAT SAI ROHAN
55.	160117735056	VENKATA KRISHNA SATHVIK RALLABANDI
56.	160117735057	VENKATA PAVAN VISHNU RACHAPUDI
57.	160117735058	VIJAY BHASKAR NITTALA
58.	160117735059	VIVEK KALVA
59.	160117735060	VIVEK PALLE
60.	160117735061	AKANKSHA THALLA
61.	160117735062	AKHILA MARRIKUKKALA
62.	160117735063	ANUSHA BAMAR
63.	160117735064	CHANDANA SUNKARA
64.	160117735065	GAYATHRIDEVI PAPPU
65.	160117735066	KAVYA MADASU
66.	160117735067	LIKHITHA ANDE
67.	160117735068	MALIKA RANI TIRVAJI
68.	160117735069	MAMATHA ERUGADINLA
69.	160117735070	MANISHA A
70.	160117735071	NAVYA CHALAMALASETTY
71.	160117735072	NIHARIKA HARI

S.No	Roll Number	Name of the Student Completing the course
72.	160117735073	NIHARIKA KAVADI
73.	160117735074	NIKITHA KOTHARAMULA
74.	160117735075	RITHIKA GURRAM
75.	160117735076	SAHITI ARIGELA
76.	160117735077	SAI HARSHITHA GOLLAPALLI
77.	160117735078	SAI PRANAVI REDDY P
78.	160117735079	SANJANA G
79.	160117735080	SHREYA REDDY G
80.	160117735081	SOWMYASRI SANGAPU
81.	160117735082	ABDUL LATEEF MOHD ABDUL KALEEM
82.	160117735083	ABHIJIT CHANDRA UTPALA
83.	160117735084	ABHINAV K J
84.	160117735085	AJAY SRIKAR MEDIDI
85.	160117735086	AKSHITH ALUGURI
86.	160117735087	ARUN KUMAR S
87.	160117735089	BHARADWAJ DANDE V N
88.	160117735090	CHARANJIT NANDIGAMA
89.	160117735091	DHEERAJ VAMSI GADDAM
90.	160117735092	GOVARDHAN KATTA
91.	160117735093	HRITHIK ROSHAN PALAMPATLA
92.	160117735094	KRISHNA CHAITANYA GOPARAJU
93.	160117735095	LAKSHMI SRIKANTH YECHURI
94.	160117735096	MAANVIK THODUPUNURI

S.No	Roll Number	Name of the Student Completing the course
95.	160117735097	MAHIDHARA REDDY KANKARA
96.	160117735098	MOHAMMED MOIZUDDIN
97.	160117735099	NAVEEN Y
98.	160117735100	NIKHIL KANUKUNTLA
99.	160117735101	PRAJAY REDDY MINUKA
100.	160117735102	PRANITH REDDY MINUMULA
101.	160117735103	RAHUL T ₄
102.	160117735104	RAKSHITH DEVUNURI
103.	160117735105	RUPESH CHANDRA SAYAM

104.	160117735106	SAITHARUN BAIRI
105.	160117735107	SAKETH REDDY DODDA
106.	160117735108	SHIVA DHANUSH DUSSA
107.	160117735109	TARUN KALTHI
108.	160117735110	TEJA REDDY KOMMIDI
109.	160117735111	TEJESHWAR SINGH RAJPUT
110.	160117735112	VAMSHI GANNA
111.	160117735113	SUREDDY VAMSHIDHAR REDDY
112.	160117735114	VASHISTA BASAVA
113.	160117735115	VASEPALLI ENKATA DINESH KUMAR REDDY
114.	160117735116	VINAY REDDY NAVARI
115.	160117735117	VINAY REDDY POCHAMPALLY
116.	160117735118	VISHNU BHARGAV KOTTE
117.	160117735119	VISHWA TEJA BINGI
118.	160117735120	VISHWA VIJETHA GUJJULA

S.No	Roll Number	Name of the Student Completing the course
119.	160117735121	AKHILA KONAKANCHI
120.	160117735122	ANUSHA G
121.	160117735123	DEEPIKA REDDY BADDAM
122.	160117735125	DIVYA SREE P V
123.	160117735126	GAYATRI PEDDI
124.	160117735127	JYOTHSNAVI KUPPILI
125.	160117735128	MAANASVI KODLI
126.	160117735129	MADIHA FATHIMA
127.	160117735130	NAGA SAI HARSHITA KAZA
128.	160117735131	NIKHILA MANUPURI
129.	160117735132	NIKHITHA VALISHETTI
130.	160117735133	NISHNA VEERANKI
131.	160117735134	PRAGATHI G
132.	160117735135	PRAVALIKA CHITLOJU
133.	160117735136	SARAYU JUPUDI
134.	160117735137	SHIVANI SAMA
135.	160117735138	SHRAVANI JALLI
136.	160117735139	SOWMIKA ANJURU
137.	160117735140	SREEJA K
138.	160117735141	SRI SAI MERUGU
139.	160117735142	SRITEJA GOPALA
140.	160117735143	TEENA CHOWDARY DHULIPALA
141.	160117735144	VENKAT SAI SRUTHI CHEBROLU

S.No	Roll Number	Name of the Student Completing the course
142.	160117735145	VINOOTHNA SREE NAYAKANTI
143.	160117735146	ABHIRAM M S D
144.	160117735147	AKHIL TEJA JAMPANI
145.	160117735148	BHAGATH SINGH KHARE
146.	160117735149	BOB ABISHAI BATHULA
147.	160117735150	JOSEPH MICHAEL MURRAY
148.	160117735151	KAILAS SALAVATH
149.	160117735152	KARTHIK MATHKA
150.	160117735153	MADHUKAR REDDY VARALA
151.	160117735154	MAHESH MANMARI
152.	160117735156	MOHAMMED ARIF
153.	160117735158	NITESH ALONEY
154.	160117735159	NITHISH CHILUKURI
155.	160117735160	PRANAV K
156.	160117735161	ALLAMPALLI RAGHUSENA
157.	160117735162	RAHUL GUNDALA
158.	160117735163	ROHIT PRASAD VARANASI
159.	160117735164	SAI ABHISHEK KODI
160.	160117735165	PURRA SAI DHIKSHIT
161.	160117735166	SAI KIRAN BANDARI
162.	160117735167	SAI KIRAN KONDOJU
163.	160117735168	SAI PANINDRA SANTOSH KUMAR MAJJI

S.No	Roll Number	Name of the Student Completing the course
164.	160117735169	A SAI SANDEEP
165.	160117735170	A SAI TEJA
166.	160117735171	SAITEJA REDDY PIDUGU
167.	160117735173	SHIVA KUMAR REDDY NAREDDY
168.	160117735174	SRI HARI KORAM
169.	160117735175	SRINIVASA BHARADWAJ CHAKILAM
170.	160117735176	SUDEEP REDDY SABBI REDDY
171.	160117735177	SURYA KANKATA
172.	160117735178	TULASI RAM CHOWDARY VEGE
173.	160117735179	VENKAT GANESH
174.	160117735180	VENKATA SAI LAXMAN YADAV GORIPARTHI

CHEMICAL ENGINEERING DEPARTMENT

Value Added Course

BASIC HUMAN VALUES

Course Code: CBIT/17CEV03

Offered During 2017-18 (I Semester)

Course Duration: 36 Hrs (3 Hrs/week)



1/c HEAD
Dept. of Chemical Engineering
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

Basic Human Values
Instruction 3L Periods per week

Course Objectives:

1. To develop the critical ability among students to distinguish between what is of value and what is superficial in life
2. To enable the students, understand the values, the need for value adoption and prepare them meet the challenges
3. To enable the students, develop the potential to adopt values, develop a good character and personality and lead a happy life
4. To motivate the students, practice the values in life and contribute for the society around them and for the development of the institutions /organisation around they are in.
5. To make the students understand the professional ethics and their applications to engineering profession

Course Outcomes:

1. Students develop the capability of shaping themselves into outstanding personalities, through a value-based life.
2. Students turn themselves into champions of their lives.
3. Students take things positively, convert everything into happiness and contribute for the happiness of others.
4. Students become potential sources for contributing to the development of the society around them and institutions/ organisations they work in.
5. Students shape themselves into valuable professionals, follow professional ethics and are able to solve their ethical dilemmas.

UNIT-I Concepts and Classification of Values –Need and challenges for value Adoption -Definition of Values – Concept of Values – Classification of Values – Hierarchy of Values – Types of Values – Interdependence of Values
Need for value education – Lack of education in values – Benefits of value education- Challenges for Value adoption – Cultural, Social, Religious, Intellectual and Personal challenges

UNIT – II: Personal Development and Values in Life

Personal Development: – Accountability and responsibility – Desires and weaknesses – Character development – Good relationships, self-restraint, Spirituality and Purity - Integrating values in everyday life

UNIT – III: Practicing Values for the development of Society

Resentment Management and Self-analysis – Positive Thinking and Emotional Maturity – The importance of Women , Children and Taking care of them – Helping the poor and needy – Fighting against addictions and atrocities – Working for the Sustainable development of the society

Principles of Integrity-Institutional Development - Vision for better India.

UNIT – IV: Basic Concepts of Professional Ethics

Ethics, Morals and Human life , Types of Ethics, Personal Ethics, Professional Ethics, Ethical dilemmas, Science – Religion - Ethics, Case Studies on Professional Ethics, Exemplary life sketches of prominent Indian personalities like Sri.M.Visweshwarayya, Dr.APJ Abdul Kalam and JRD Tata

UNIT-V: Ethics in Engineering Profession

Engineering Profession-Technology and Society- Ethical obligations of Engineering Professionals-Role and responsibility of Engineers - A few Case Studies on Risk management safety and Risk Management


Plagiarism-Self plagiarism- -Ethics Standards and Bench Marking

Text Books:

1. Subramanian R, “ Professional Ethics “ , Oxford University Press , 2013
2. Nagarajan R S, “ A Text Book on Human Values and Professional Ethics “ New Age Publications , 2007
3. Dinesh Babu S, “ Professional Ethics and Human Values “ , Laxmi Publications , 2007


Suggested Reading:

1. SantoshAjmera and Nanda Kishore Reddy , “Ethics , Integrity and Aptitude”,McGrawhill Education Private Limited, 2014
2. Govinda Rajan M, Natarajan S, Senthil Kumar V S, “Professional Ethics and Human Values”, Prentice Hall India, Private Limited,2012
3. Course Material for Post Graduate Diploma In “Value Education & Spirituality” Prepared by Annamalai University in Collaboration with Brahma Kumaris, 2010


HEAD
Dept. of Chemical Engineering
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

List Of students who completed the course (44)

1601-17-802-001	AAHITHYA REDDY KOTHA
1601-17-802-003	DIMPLE K
1601-17-802-004	HANUSHA DURISETY
1601-17-802-005	KIRANMAI PALCHAM
1601-17-802-006	MANASA KAMIDI
1601-17-802-007	MOUNIKA M
1601-17-802-009	CHANDANA A N K
1601-17-802-010	NEHA MANKALA
1601-17-802-011	PALLAVI POTHALA
1601-17-802-012	POOJITHA KANDATI
1601-17-802-013	PRAVALIKA M
1601-17-802-014	RAMYA PEDAVALLI
1601-17-802-015	RAMYA POGAKU
1601-17-802-016	RITHUSHA K
1601-17-802-017	SHALINI SURAN
1601-17-802-018	SIDDHI SARDA
1601-17-802-019	ABHISHEK BABU
1601-17-802-020	ABHISHEK CHANGDE
1601-17-802-021	AKANKSH MAMIDALA
1601-17-802-022	ASTHOSH KUMAR THAKUR
1601-17-802-023	BALYA BANAVATH
1601-17-802-024	CHARAN SAI NOMULA
1601-17-802-026	HARISH REDDY MADDIKUNTA
1601-17-802-027	HARSH AGARWAL
1601-17-802-029	KETAN CHUNGI
1601-17-802-031	LOKESH SAI GRANDHI
1601-17-802-032	MOHAMMED MANSOOR ALI
1601-17-802-037	RAVI TEJA POLAMURI
1601-17-802-038	ROHIT CHITYALA
1601-17-802-039	ROHIT RATHI
1601-17-802-040	RUSHIKESH PEDDABOMMA
1601-17-802-041	SAI AASHRITH THATIPALLI
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1601-17-802-044	SAMARTH SANDHA
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1601-17-802-049	VAMSHI GOUD SUKKALA
1601-17-802-051	VIJAYA RAJU KESANAPALLI
1601-17-802-052	VINAY RAO VEMULA
1601-17-802-054	YUVARAJU JALLI
1601-17-802-301	INJARAPU CHAITANYA VAMSI KRISHNA
1601-16-802-004	HARSHITHA I
1601-16-802-031	MOHAMMED AMINUDDIN


 1/c HEAD
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CHEMICAL ENGINEERING DEPARTMENT


Value Added Course

Soft skills and Employability Enhancement

Course Code: CBIT/17CEV03

Offered During 2017-18 (I Semester)

Course Duration: 36 Hrs (3 Hrs/week)


1/2 HEAD
Dept. of Chemical Engineering
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

Basic Human Values

Instruction 3L Periods per week

Course Objectives:

1. To develop the critical ability among students to distinguish between what is of value and what is superficial in life
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3. To enable the students, develop the potential to adopt values, develop a good character and personality and lead a happy life
4. To motivate the students, practice the values in life and contribute for the society around them and for the development of the institutions /organisation around they are in.
5. To make the students understand the professional ethics and their applications to engineering profession

Course Outcomes:

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3. Dinesh Babu S, “ Professional Ethics and Human Values “ , Laxmi Publications , 2007


Suggested Reading:

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HEAD
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List Of students who completed the course (44)

1601-17-802-001	AAHITHYA REDDY KOTHA
1601-17-802-003	DIMPLE K
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1601-17-802-014	RAMYA PEDAVALLI
1601-17-802-015	RAMYA POGAKU
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1601-17-802-020	ABHISHEK CHANGDE
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1601-17-802-023	BALYA BANAVATH
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1601-17-802-029	KETAN CHUNGI
1601-17-802-031	LOKESH SAI GRANDHI
1601-17-802-032	MOHAMMED MANSOOR ALI
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1601-17-802-039	ROHIT RATHI
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1601-17-802-041	SAI AASHRITH THATIPALLI
1601-17-802-042	SAI NITHEESH MAGASANI
1601-17-802-043	SAI SUMANTH GOUD MOLAGARA
1601-17-802-044	SAMARTH SANDHA
1601-17-802-046	SUHANTH P
1601-17-802-047	THARUNESH PONUKANTI
1601-17-802-049	VAMSHI GOUD SUKKALA
1601-17-802-051	VIJAYA RAJU KESANAPALLI
1601-17-802-052	VINAY RAO VEMULA
1601-17-802-054	YUVARAJU JALLI
1601-17-802-301	INJARAPU CHAITANYA VAMSI KRISHNA
1601-16-802-004	HARSHITHA I
1601-16-802-031	MOHAMMED AMINUDDIN


 1/2
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CHEMICAL ENGINEERING DEPARTMENT

Value Added Course

Course Code: CBIT/17CEV02

DISASTER CONTROL AND RESPONSE

Offered During 2017-18

Course Duration: 36 Hrs (3 Hrs/week)



HEAD
Dept. of Chemical Engineering
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

SYLLABUS

Instruction

3 Periods per week

Course Objectives:

1. To equip the students with the basic knowledge of hazards, disasters, risks and vulnerabilities including natural, climatic and human induced factors and associated impacts.
2. To impart knowledge in students about the nature, mechanism causes, consequences and mitigation measures of the various natural disasters including hydro metrological and geological based disasters.
3. To enable the students to understand risks, vulnerabilities and human errors associated with human induced disasters including chemical, biological and nuclear warfare agents.

Course Outcomes:

1. Ability to analyse and critically examine existing programs in disaster management regarding vulnerability, risk and capacity at local level
2. Ability to choose the appropriate activities and tools and set up priorities to build a coherent and adapted disaster management plan.
3. Ability to understand various mechanisms and consequences of natural and human induced disasters for the participatory role of engineers in disaster management.

UNIT-I:

Introduction to Natural, human induced and human made disasters – Meaning, nature, types and effects; International decade of natural disaster reduction (IDNDR); International strategy of natural disaster reduction (ISDR)

UNIT-II:

Natural Disasters– Hydro meteorological disasters: Causes, impacts, Early warning systems, structural and non-structural measures for floods, drought and cyclones; Tropical cyclones: Overview, cyclogenesis, drought monitoring and management.;

UNIT III:


Human induced hazards: Risks and control measures in a chemical industry, Causes, impacts and mitigation measures for chemical accidents, chemical disaster management, current status and perspectives; Case studies related to various chemical industrial hazards eg: Bhopal gas tragedy;

UNIT IV:

Use of remote sensing and GIS in disaster mitigation and management; Scope of application of ICST (Information, communication and space technologies in disaster management, Critical applications& Infrastructure; Potential application of Remote sensing and GIS in disaster management and in various disastrous conditions like earthquakes, drought, Floods, landslides etc.

UNIT V:

Concept of disaster management: Introduction to disaster management, Relationship between Risk, vulnerability and a disaster, Disaster management cycle, Principles of disaster mitigation: Hazard identification and vulnerability analysis, Early warning systems and forecasting; Infrastructure and development in disaster management.



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Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

Text Books:

1. Rajib, S and Krishna Murthy, R.R (2012), "Disaster Management Global Challenges and Local Solutions" Universities Press Hyderabad.
2. Notes / Reading material published by National Disaster Management Institute, Ministry of Home Affairs, Govt. of India.


Suggested Reading:

1. Navele, P & Raja, C.K. (2009), Earth and Atmospheric Disasters Management, Natural and Manmade. B.S. Publications, Hyderabad.
2. Fearn-Banks, K (2011), Crises computations approach: A case book approach. Route ledge Publishers, Special Indian Education, New York & London.
3. Battacharya, T. (2012), Disaster Science and Management. Tata McGraw Hill Company, New Delhi.


HEAD
Dept. of Chemical Engineering
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

List of participants (21)

S.No	Roll No	Name
1	160114802026	Kandepi Gnaneswar
2	160114802029	Mohammed Jawad Ali
3	160114802030	Mohammed Noushad
4	160114802031	Mohd Ajlan Parvez
5	160114802032	Banothu Naganna
6	160114802034	Tuvva Pavan Kumar Reddy
7	160114802035	Raghav Kaushik S
8	160114802036	Pulugundla Rahul
9	160114802037	Vasireddy Rahul
10	160114802038	Mudigiri Raju
11	160114802042	Muntha Shashank
12	160114802043	Thota Shashank
13	160114802045	Mudu Srinivas
14	160114802046	Kasoju Sumanth
15	160114802047	Sumanth M V
16	160114802049	Varun K Shah
17	160114802050	Ch V Vishal Kumar
18	160114802051	Gundeboina Vikas
19	160114802302	K Sevy Naik
20	160114802304	Penta Prashanth
21	160114802305	Gadhari Sathish Kumar


1/2 HEAD
Dept. of Chemical Engineering
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

CHEMICAL ENGINEERING DEPARTMENT

Value Added Course

A Journey towards Entrepreneurship

Course Code: CBIT/17MEV03

Offered During 2017-18

Duration of the course: 25.12.2017 to 28.04.2018

32 Hrs (3 Hrs/week)

Target participants: UG students of Semester VII


HEAD
Dept. of Chemical Engineering
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

Syllabus


Meaning and Importance, Evolution of term 'Entrepreneurship', Factors influencing entrepreneurship', Psychological factors, Social factors, Economic factor, Environmental factors

Types of entrepreneur: based on type of business, use of technology, motivation, growth, stages, new generations of entrepreneurship viz. social entrepreneurship, edupreneurship, health entrepreneurship, tourism entrepreneurship, women entrepreneurship etc.

Indian Industrial Environment: Competence, Opportunities and Challenges, Entrepreneurship and Economic growth, Entrepreneurship and Engineering, Small Scale Industry in India


Formulation of Business Plan: Introduction, Elements of Business Plan and its salient features, Technical Analysis, Profitability and Financial Analysis, Marketing Analysis, Feasibility studies, Executive Summary.

Project Management: During construction phase, project organization, project planning, execution and control using CPM, PERT techniques


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Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.

List of Participants (32)

160113802017	Nimmagadda Sruthi
160113802305	Katiki Jeevan Prakash
160113802307	Kadamanchi Yellaswamy
160113802309	Chitram Anandam
160113802310	Kasaju Surya
160114802001	R Ankitha
160114802002	Dishika Gupta
160114802003	Ishita Chatterjee
160114802004	Gagilam Kamaneeya
160114802005	Ande Mounika
160114802006	Nikitha Suresh
160114802007	Pragathi Jha
160114802008	Anne Priyanka
160114802009	Eppa Rohini
160114802011	Bandaru Sai Prasanna
160114802012	Kancharla Samanvita
160114802013	Sharika B
160114802014	Shri Durga G S
160114802015	Talla Sindhuja
160114802016	Billanuka Sowmya
160114802017	Sravya Talupula
160114802018	Kothapally Srivarsha
160114802019	Tadepalli Tejaswini
160114802020	Thiruvaipati Vinuthna
160114802021	Abdul Majeed
160114802022	Bommisetti Amith
160114802023	G Balaji Saikumar
160114802024	N Devisri Preetham
160114802025	T Gautam Singh
160114802033	Modali Narayana
160114802039	Ratan Sai Mandela
160114802040	R Saisameer Varma


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**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (Autonomous)
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

Class Time Table for the Academic year 2017-18 - I Semester

Class: **1/4 ECE**

Room No: **K-303**

Period Day	I 9.40 to 10.30	II 10.30 to 11.20	III 11.20 to 12.10	IV 12.10 to 1.00	1.00 to 1.35	V 1.35 to 2.25	VI 2.25 to 3.15	VII 3.15 to 4.05
MON					L U N C H			
TUE								
WED								
THU								
FRI							PC LAB	
SAT								

16EGC02

PROFESSIONAL COMMUNICATION LABORATORY

Instruction	2 P Periods per week
Duration of End Examination	2 Hours
End Examination	35 Marks
Sessional	15 Marks
Credits	1

Course Objectives:

1. To introduce students to phonetics and the different sounds in English.
2. To familiarize the students with the software and give them sufficient practice in correct pronunciation.
3. To enable students to speak English correctly with focus on stress and intonation.
4. To help students overcome their inhibitions while speaking in English and to build their confidence. The focus shall be on fluency rather than accuracy.
5. To understand teamwork, role behavior and to develop the ability to analyze, evaluate, construct and refute arguments.

Course Outcomes:

1. The students will understand the speech sounds in English and the nuances of pronunciation.
2. The students will understand tone, intonation and rhythm and apply stress correctly.
3. The students will be able to participate in group discussions with clarity and confidence.
4. The students will speak confidently on stage with appropriate body language.
5. The students will debate on various issues and learn to work in teams.

Exercises

1. **Introduction to English Phonetics:** Introduction to auditory, acoustic and articulatory phonetics, organs of speech: the respiratory, articulatory and phonatory systems.
2. **Sound system of English:** Phonetic sounds and phonemic sounds, introduction to international phonetic alphabet, classification and description of English phonemic sounds, minimal pairs. The syllable: types of syllables, consonant clusters.
3. **Aspect of connected speech:** Strong forms, weak forms, contracted forms, elision.
4. **Word stress:** Primary stress, secondary stress, functional stress, rules of word stress.
5. **Rhythm & Intonation:** Introduction to Rhythm and Intonation. Major patterns, intonation of English with the semantic implications.
6. **Listening skills**—practice with IELTS and TOEFL material
7. **Situational dialogues and roleplay**
8. **Public speaking** to be shown by incorporating narrative examples and extracts from speeches.
9. **Group Discussions**—video to be shown and practice sessions
10. **Poster making**—preparation and presentation
11. **Debate**—Differences between a debate and a group discussion. Essentials of a debate, conducting a debate.

Suggested Reading:

1. E Suresh Kumar et al., English for Success (with CD), Cambridge University Press India Pvt Ltd, 2010.
2. Aruna Koneru, Professional Speaking Skills, Oxford University Press, 2016
3. T Balasubramanian. A Textbook of English Phonetics for Indian Students, Macmillan, 2008.
4. J Sethi et al. A Practical Course in English Pronunciation (with CD), Prentice Hall India, 2005.
5. Edgar Thorpe. Winning at Interviews, Pearson Education, 2006
6. Priyadarshi Patnaik. Group Discussions and Interviews, Cambridge University Press Pvt Ltd 2011

Number of Students Enrolled: 180

Number of students completing course: 180

S.No	Roll Number	Name of the Student Completing the course
1.	160117735001	AKHILA MAARKA
2.	160117735002	ANJALI KANCHARLAPALLY
3.	160117735003	FAROOQUNNISA
4.	160117735004	HASEENA PALLE
5.	160117735005	KHUNDHANA M
6.	160117735006	KRISHNA SAI GEETHIKASRIPATHI
7.	160117735007	LOHITHA GUNDAGANI
8.	160117735008	MAANSA KROVVIDI
9.	160117735009	NAMITHA KOMMINENI
10.	160117735010	NIKHILA RAJ NITTA
11.	160117735011	NIKHITHA T
12.	160117735012	NIPUNA VANCHI
13.	160117735013	PRAGNA DASARI
14.	160117735014	PRIYANKA KILARU
15.	160117735015	SAATHVI AVULA
16.	160117735016	SHIVANI JANNAIKODE
17.	160117735017	SHRAVANI REDDY VODDULA
18.	160117735018	SHREYA REDDY NANDIKA
19.	160117735019	SOWJANYA BODDANI
20.	160117735020	SRINIJA LANKALA
21.	160117735021	SRIYA PEYYETI
22.	160117735022	VYSHNAVI CHEEDEPUDI
23.	160117735023	ABHINAY SURYA
24.	160117735024	ABHISHEK ADIRE

S.No	Roll Number	Name of the Student Completing the course
25.	160117735025	ABHISHEK BEGARI
26.	160117735026	ADITYA PAMULAPATI
27.	160117735027	ASHISH ALLAMPALLY
28.	160117735028	BHARGAV KUMAR MAMIDALA
29.	160117735029	BHUVANESH SAMMETA

30.	160117735030	CHANIKYA MAMINDLAPALLI
31.	160117735031	DAMODHAR GADDI
32.	160117735032	DINESH REDDY SUNKARI
33.	160117735033	HARIKRISHNA ABBIDI
34.	160117735034	HARISH REDDY KOMATIREDDY
35.	160117735035	HRUSHIKESH A
36.	160117735036	KRISHNA SANDEEP REDDY NALLAMILLI
37.	160117735037	PRANITH AKUNURI
38.	160117735038	ROHITH REDDY S
39.	160117735039	SAI GOWTHAM CHITTEMSETTY
40.	160117735040	SAI PRATHAP REDDY VADICHERLA
41.	160117735041	SAI TEJA MACHABATHUNI
42.	160117735042	SHAIK JANI MIYA
43.	160117735043	SHAIK JUNIATH
44.	160117735044	SHAIK SOHAIL
45.	160117735045	SHASHIVARDHAN REDDY KAVELI
46.	160117735046	SHIVAKUMAR Y
47.	160117735047	SHRAVAN KUMAR GOUD KALALI
48.	160117735048	SRIKANTH GAVIDE

S.No	Roll Number	Name of the Student Completing the course
49.	160117735049	SRIKANTH GUNTURU
50.	160117735050	SUFIYAN AHMED
51.	160117735051	SUNIL VARMA RUDRARAJU S S
52.	160117735052	THARUN THOTA
53.	160117735053	UTHEJ KADARI
54.	160117735054	VARUN MASKU
55.	160117735055	ERUKULLA VENKAT SAI ROHAN
56.	160117735056	VENKATA KRISHNA SATHVIK RALLABANDI
57.	160117735057	VENKATA PAVAN VISHNU RACHAPUDI
58.	160117735058	VIJAY BHASKAR NITTALA
59.	160117735059	VIVEK KALVA
60.	160117735060	VIVEK PALLE
61.	160117735061	AKANKSHA THALLA
62.	160117735062	AKHILA MARRIKUKKALA
63.	160117735063	ANUSHA BAMAR
64.	160117735064	CHANDANA SUNKARA
65.	160117735065	GAYATHRIDEVI PAPPU
66.	160117735066	KAVYA MADASU
67.	160117735067	LIKHITHA ANDE
68.	160117735068	MALIKA RANI TIRVAJI

69.	160117735069	MAMATHA ERUGADINLA
70.	160117735070	MANISHA A
71.	160117735071	NAVYA CHALAMALASETTY
72.	160117735072	NIHARIKA HARI

S.No	Roll Number	Name of the Student Completing the course
73.	160117735073	NIHARIKA KAVADI
74.	160117735074	NIKITHA KOTHARAMULA
75.	160117735075	RITHIKA GURRAM
76.	160117735076	SAHITI ARIGELA
77.	160117735077	SAI HARSHITHA GOLLAPALLI
78.	160117735078	SAI PRANAVI REDDY P
79.	160117735079	SANJANA G
80.	160117735080	SHREYA REDDY G
81.	160117735081	SOWMYASRI SANGAPU
82.	160117735082	ABDUL LATEEF MOHD ABDUL KALEEM
83.	160117735083	ABHIJIT CHANDRA UTPALA
84.	160117735084	ABHINAV K J
85.	160117735085	AJAY SRIKAR MEDIDI
86.	160117735086	AKSHITH ALUGURI
87.	160117735087	ARUN KUMAR S
88.	160117735088	BADAVATH BALA
89.	160117735089	BHARADWAJ DANDE V N
90.	160117735090	CHARANJIT NANDIGAMA
91.	160117735091	DHEERAJ VAMSI GADDAM
92.	160117735092	GOVARDHAN KATTA
93.	160117735093	HRITHIK ROSHAN PALAMPATLA
94.	160117735094	KRISHNA CHAITANYA GOPARAJU
95.	160117735095	LAKSHMI SRIKANTH YECHURI
96.	160117735096	MAANVIK THODUPUNURI

S.No	Roll Number	Name of the Student Completing the course
97.	160117735097	MAHIDHARA REDDY KANKARA
98.	160117735098	MOHAMMED MOIZUDDIN
99.	160117735099	NAVEEN Y
100.	160117735100	NIKHIL KANUKUNTLA
101.	160117735101	PRAJAY REDDY MINUKA
102.	160117735102	PRANITH REDDY MINUMULA
103.	160117735103	RAHUL T
104.	160117735104	RAKSHITH DEVUNURI

105.	160117735105	RUPESH CHANDRA SAYAM
106.	160117735106	SAITHARUN BAIRI
107.	160117735107	SAKETH REDDY DODDA
108.	160117735108	SHIVA DHANUSH DUSSA
109.	160117735109	TARUN KALTHI
110.	160117735110	TEJA REDDY KOMMIDI
111.	160117735111	TEJESHWAR SINGH RAJPUT
112.	160117735112	VAMSHI GANNA
113.	160117735113	SUREDDY VAMSHIDHAR REDDY
114.	160117735114	VASHISTA BASAVA
115.	160117735115	VASEPALLI ENKATA DINESH KUMAR REDDY
116.	160117735116	VINAY REDDY NAVARI
117.	160117735117	VINAY REDDY POCHAMPALLY
118.	160117735118	VISHNU BHARGAV KOTTE
119.	160117735119	VISHWA TEJA BINGI
120.	160117735120	VISHWA VIJETHA GUJJULA

S.No	Roll Number	Name of the Student Completing the course
121.	160117735121	AKHILA KONAKANCHI
122.	160117735122	ANUSHA G
123.	160117735123	DEEPIKA REDDY BADDAM
124.	160117735124	DEVEEKA RAVI MESHRAM
125.	160117735125	DIVYA SREE P V
126.	160117735126	GAYATRI PEDDI
127.	160117735127	JYOTHSNAVI KUPPILI
128.	160117735128	MAANASVI KODLI
129.	160117735129	MADIHA FATHIMA
130.	160117735130	NAGA SAI HARSHITA KAZA
131.	160117735131	NIKHILA MANUPURI
132.	160117735132	NIKHITHA VALISHETTI
133.	160117735133	NISHNA VEERANKI
134.	160117735134	PRAGATHI G
135.	160117735135	PRAVALIKA CHITLOJU
136.	160117735136	SARAYU JUPUDI
137.	160117735137	SHIVANI SAMA
138.	160117735138	SHRAVANI JALLI
139.	160117735139	SOWMIKA ANJURU
140.	160117735140	SREEJA K
141.	160117735141	SRI SAI MERUGU
142.	160117735142	SRITEJA GOPALA
143.	160117735143	TEENA CHOWDARY DHULIPALA

144.	160117735144	VENKATA SAI SRUTHI CHEBROLU
------	--------------	-----------------------------

S.No	Roll Number	Name of the Student Completing the course
145.	160117735145	VINOOTHNA SREE NAYAKANTI
146.	160117735146	ABHIRAM M S D
147.	160117735147	AKHIL TEJA JAMPANI
148.	160117735148	BHAGATH SINGH KHARE
149.	160117735149	BOB ABISHAI BATHULA
150.	160117735150	JOSEPH MICHAEL MURRAY
151.	160117735151	KAILAS SALAVATH
152.	160117735152	KARTHIK MATHKA
153.	160117735153	MADHUKAR REDDY VARALA
154.	160117735154	MAHESH MANMARI
155.	160117735155	MANEESH KUMAR JERIPOTHULA
156.	160117735156	MOHAMMED ARIF
157.	160117735157	MOHAMMED FAIZAN ALI
158.	160117735158	NITESH ALONEY
159.	160117735159	NITHISH CHILUKURI
160.	160117735160	PRANAV K
161.	160117735161	ALLAMPALLI RAGHUSENA
162.	160117735162	RAHUL GUNDALA
163.	160117735163	ROHIT PRASAD VARANASI
164.	160117735164	SAI ABHISHEK KODI
165.	160117735165	PURRA SAI DHIKSHIT
166.	160117735166	SAI KIRAN BANDARI
167.	160117735167	SAI KIRAN KONDOJU
168.	160117735168	SAI PANINDRA SANTOSH KUMAR MAJJI

S.No	Roll Number	Name of the Student Completing the course
169.	160117735169	A SAI SANDEEP
170.	160117735170	A SAI TEJA
171.	160117735171	SAITEJA REDDY PIDUGU
172.	160117735172	SHIVA KUMAR
173.	160117735173	SHIVA KUMAR REDDY NAREDDY
174.	160117735174	SRI HARI KORAM
175.	160117735175	SRINIVASA BHARADWAJ CHAKILAM
176.	160117735176	SUDEEP REDDY SABBI REDDY
177.	160117735177	SURYA KANKATA

178.	160117735178	TULASI RAM CHOWDARY VEGE
179.	160117735179	VENKAT GANESH
180.	160117735180	VENKATA SAI LAXMAN YADAV GORIPARTHI

16EG CO3

SOFT SKILLS AND EMPLOYABILITY ENHANCEMENT LAB

Instruction	2 Hours per week
Duration of Semester End Examination	2 Hours
Semester End Examination	35 Marks
CIE	15 Marks
Credits	1

Course Objectives: Students will be able to understand

1. Participate in group discussions and case studies with confidence and to make effective presentations. Also to learn the art of communication.
2. With- resume packaging, preparing and facing interviews.
3. Build an impressive personality through effective time management & goal setting, self confidence and assertiveness.
4. Understand what constitutes proper grooming and etiquette in a professional environment. Also to understand academic ethics and value systems.
5. The elements of research and hone their soft skills through a live, mini project.

Course Outcomes: Students will able to

1. Be effective communicators and participate in group discussions and case studies with confidence. Also be able to make presentations in a professional context.
2. Write resumes, prepare and face interviews confidently.
3. Be assertive and set short term and long term goals. Also learn to manage time effectively and deal with stress.
4. Make the transition smoothly from Campus to Corporate. Also use media with etiquette and know what academic ethics are.
5. Do a live, mini project by collecting and analyzing data and making oral and written presentation of the same.

Exercise 1

Group Discussion and Case studies: Dynamics of group discussion, intervention, summarizing, modulation of voice, body language, relevance, fluency and coherence.

Elements of effective presentation, Structure of presentation, Presentation tools, Body language, Creating an effective PPT.

Exercise 2

Interview Skills: Resume writing, structure and presentation, planning, defining the career objective, projecting ones strengths and skill-sets.

Interview Skills: concept and process, pre-interview planning, opening strategies, answering strategies, mock interviews.

Exercise 3

Personality Development: Effective Time Management, setting realistic goals, self confidence and assertiveness, stress management, moral values.

Exercise 4

Corporate Culture: Grooming and etiquette, communication media etiquette, Academic ethics and integrity.

Exercise 5

Mini Project: General/Technical research, developing a questionnaire, data collection, analysis, written report and project seminar.

Suggested Reading:

1. Dr. Shalini Verma, "Body Language- Your Success Mantra", S Chand, 2006.
2. Ramesh, Gopalswamy, and Mahadevan Ramesh, "The ACE of Soft Skills", New Delhi: Pearson, 2010.
3. Covey and Stephen R, "The Habits of Highly Effective People", New York: Free Press, 1989.

No of students Enrolled: 211

No of students completing the course: 211

S.No	Roll Number	Name of the Student
1.	160116735001	AISHWARYA KANAPARTHI
2.	160116735002	ANITHA YARA
3.	160116735003	ASHWINI RATHLAVATH
4.	160116735004	BHARGAVI GURRAM
5.	160116735005	BHAVANA LINGAMPALLY
6.	160116735006	CHINMAYEE PUJARI
7.	160116735007	CH GEETHIKA
8.	160116735008	HARSHINI SRI LALITHA PALAPARTHI
9.	160116735009	LAKSHMI SARVANI KOTA
10.	160116735010	LOHITHA MARADANI
11.	160116735011	MAHENAZ AMREEB
12.	160116735012	PREETHI VORUGANTI
13.	160116735013	SAHITHI BELLAM
14.	160116735014	SAIPRANATHI VELDANDA
15.	160116735015	SHAGUFTA ANJUM
16.	160116735016	B. SHIVANI SHRADDHA
17.	160116735017	SOHILA KRISHNA POGAKULA
18.	160116735018	POREDDY SREEJA
19.	160116735019	SRI DIVYA BOGA
20.	160116735020	SUSMITHA GUDA
21.	160116735021	VAISHNAVI NOMULA
22.	160116735022	VIJAYALAKSHMI K
23.	160116735023	YOSHITHA GANDHAM
24.	160116735024	KOTA ASHISH
25.	160116735025	BHARGHAV RAPOLU
26.	160116735026	BHAVIK PERSHAD
27.	160116735027	NUNSAVATH CHAITAN
28.	160116735028	DEEPAK SAMEER
29.	160116735029	DILEEP KUMAR V
30.	160116735030	DILIP EPPARAPALLI
31.	160116735031	SAMPATH JASTI
32.	160116735032	HARUN RASHEED MOHAMMAD
33.	160116735033	KARTHIK P
34.	160116735034	B.KIRAN KUMAR
35.	160116735035	MAHESH NIPANI
36.	160116735036	MD KHALID MUDASSIR
37.	160116735037	MOHAMMAD SAAD
38.	160116735038	NAGESH KATLA
39.	160116735039	PARSHARAMULU MAMINDLA
40.	160116735040	PAVANKUMAR REDDY CHAPPIDI
41.	160116735041	RISHI RUDHRABHATLA
42.	160116735042	TALLADA SAICHAKRI
43.	160116735043	SAIPRANAV DEVINENI

44.	160116735044	SAI SOHAM RAMAGIRI
45.	160116735045	GAJULA SAITEJA
46.	160116735046	SATISH KUMAR MEKALA
47.	160116735047	SHALOMJI USIRIPELLI
48.	160116735048	SHIVA KUMAR GADDAM
49.	160116735049	SHIVANK AGARWAL
50.	160116735050	CHAMA SREE NARESH KRISHNA
51.	160116735051	SRIHARI CHEVUGANI
52.	160116735052	SRIKAR GULLAPALLI
53.	160116735054	SUKESH REDDY NAGAM
54.	160116735055	SURESH KONA
55.	160116735056	VAMSI KRISHNA MASETTY
56.	160116735057	VARUN KUMAR REDDY K
57.	160116735058	PRODDATURI VARUN
58.	160116735059	VEERA TEJA BACHU
59.	160116735060	VINITH KOUDA
60.	160116735061	MOHIMIN TAHA AMTUL
61.	160116735062	AYESHA SAMREEN
62.	160116735063	BHAVANA S
63.	160116735064	BLESSY NAIKAL
64.	160116735065	SAI NEEHARIKA PALA
65.	160116735066	HARINI AKUMALLA
66.	160116735067	KEERTHI POKALA
67.	160116735068	LIKHITA YAPAMANU
68.	160116735069	MAMATHA KOTHWAL
69.	160116735070	MANMITHA JANAGAM
70.	160116735071	NAGA SANTOSHI NALLAPATI
71.	160116735072	PALLAVI REDDY PAVUDALA
72.	160116735073	PRIYANKA BOLLA
73.	160116735074	RAMYATHA PENUMALLA
74.	160116735075	RISHITHA REDDY KOMATIREDDY
75.	160116735076	SIRISHA JANGA
76.	160116735077	SNEHITHA MADHURIMA MUKKU
77.	160116735078	SPANDANA REDDY
78.	160116735079	SREYA KUMBAM
79.	160116735081	SUSHMA NARKIMELLI
80.	160116735082	VANAJA SUNKI
81.	160116735083	VARTIKA PANDEY
82.	160116735084	VENKATA LAVANYA YELEBOINA
83.	160116735085	VIDYA LINGALA
84.	160116735086	ABHILASH KURLEPU
85.	160116735087	AJITH VOLAM
86.	160116735088	AKHIL AYYALA
87.	160116735089	AKHIL KUMAR VANNALA
88.	160116735090	AKHIL NALLA 4
89.	160116735091	ANJANEYA PRASAD KACHARLA
90.	160116735092	ANURAG G
91.	160116735093	ARUN KUMAR MUKKAMLA

92.	160116735094	BHANUPRASAD MUDDASANI
93.	160116735095	SUNEEL POPURI
94.	160116735096	KAUSHIK BOORA
95.	160116735097	KRISHNA ABHISHITH PURIHELLA
96.	160116735098	MOHAMMED RASHED
97.	160116735100	NIKHIL RAJ KOTHA
98.	160116735101	PRAKASH REDDY ADAPALA
99.	160116735102	PRANAV TEJASVI ADIRAJU ADIRAJU
100.	160116735103	RAVITEJA SULTAN
101.	160116735104	ROHITH REDDY MALLEPALLI
102.	160116735105	SAI CHARAN PAGADALA
103.	160116735106	DIGVIJAY SAI D
104.	160116735107	SAI TEJA KOMMINENI
105.	160116735108	SAI VIKAS RATHKANTI
106.	160116735109	SAI VISHWATEJA TANUGULA
107.	160116735110	SAKIRAN KOKKULA
108.	160116735111	MEKALA SHASHANK KUMAR
109.	160116735112	SRINIVAS TEJA BHATTAR
110.	160116735113	SUDHEER P
111.	160116735114	TARUNENDRA MALEPATI
112.	160116735116	VAMSHI KRISHNA CHALLA
113.	160116735117	NAINI VENKATA NARSIMHA REDDY
114.	160116735118	VISHWANATH REDDY YASA
115.	160116735119	YATINDRA ROHIT CHODISETTI
116.	160116735120	NISCHAL Y
117.	160116735121	AKHILA CHITTIREDDY
118.	160116735122	ANWESHA KAR
119.	160116735123	DEEPTHI SRI LAASYA GOLLAPUDI
120.	160116735124	GEETHA VAISHNAVI
121.	160116735125	HEMA BHARAT JANI
122.	160116735126	JAHNAVI RAMAGIRI
123.	160116735127	LAHARI RAVVA
124.	160116735128	MADHUMITHA CHINNARIGARI
125.	160116735129	MADHUMITHA DANDE
126.	160116735130	MANEESHA MENENI
127.	160116735131	NEHA BEGUM
128.	160116735132	NIHARIKA KUMMITHI
129.	160116735133	NIKHITA KUMILI
130.	160116735134	PRAVALLIKA AVULA
131.	160116735135	PURNIMA BHUKYA
132.	160116735136	REVATHI SHAPURAM
133.	160116735137	SHREYA LOKRAY
134.	160116735138	SREYA SREE SILOJU
135.	160116735139	SANJANA PERABATHULA
136.	160116735140	SRIVANI BOMMANI
137.	160116735141	PALAKURTHI SRIJA
138.	160116735142	VAISHNAVI SUTHRAM
139.	160116735143	ADITYA KONDURI

140.	160116735144	G AKHIL
141.	160116735145	ANURAG VADDI
142.	160116735146	CHAITANYA KRISHNA PAMIDI
143.	160116735147	CHANDRA SAI KIRAN KAMMARI
144.	160116735148	DEEKSHITH MADANI
145.	160116735149	HIMAMSU MARELLAPUDI
146.	160116735150	ADITYA NUKALA
147.	160116735151	KOUSHIK NATH REDDY
148.	160116735152	AKKAPEDDI LAKSHMI CHANDRAHASS
149.	160116735153	JANI PASHA MAHAMMED
150.	160116735154	MOHAMMED ABDUL IRFAN
151.	160116735155	NAVANEETH MONIGARI
152.	160116735156	NIKHIL DUGYALA
153.	160116735157	NIKIL KADAPALA
154.	160116735158	PAVAN KUMAR BHUKYA
155.	160116735159	PAVAN YETURU
156.	160116735160	PRANAY KOLA
157.	160116735161	PRASAD KORUKONDA
158.	160116735162	MANUKONDA PRUDHVI
159.	160116735163	RAHUL KESI
160.	160116735164	RAJ KUMAR GADDIKOPLA
161.	160116735166	RAJASHEKAR REDDY MUCHARLA
162.	160116735167	SAI NAVEEN KOUSHIK CH
163.	160116735168	SAI TEJA BOGA
164.	160116735169	SAIVIKAS MANDADAPU
165.	160116735170	SATHISH KOMIRE
166.	160116735171	SHIVAKUMAR PADAKAL
167.	160116735172	SIVA KRISHNA BATHINA
168.	160116735173	SRIRAM SAIREDDY
169.	160116735174	SRUJAN PEDDAPANGA
170.	160116735175	SUMANTH NAIDU MERUGULA
171.	160116735176	SYED JAWAD MOHIUDDIN
172.	160116735177	THANOJKUMAR GUNTUPALLI
173.	160116735178	VEDAVYAS KANDUKURI
174.	160116735179	VISHNUVARDHAN OGGU
175.	160116735180	VISWA SOURAB KOTHAKOTI
176.	160116735301	SHRAVANI SRIRAMOJU
177.	160116735302	ANISHA BOMMA
178.	160116735303	RAHUL T. S.
179.	160116735304	VINAY KUMAR JAJERAO
180.	160116735305	RASAGNA VEMULA
181.	160116735306	SHARATH KUMAR
182.	160116735307	AYESHA NIKHATH
183.	160116735308	KOTA KAVYA
184.	160116735309	NAVANEETHA VADLA
185.	160116735310	GUGULOTH LAKHPATHI
186.	160116735311	REETA THADAGONDA
187.	160116735312	NAUSHEEN BEGUM

188.	160116735313	RAGA SAI KORUMILLI
189.	160116735314	ROOPALI GOLLAGADDA
190.	160116735315	SREYA POLISHETTY
191.	160116735316	VENKATESH KOLE
192.	160116735317	MEGHANA RANGU
193.	160116735318	SUPRIYA GAJABEEMKAR
194.	160116735319	MANASA SANGEM
195.	160116735320	ANIL KUMAR ALUGOJU
196.	160116735321	VENKATESH RAGULA
197.	160116735322	AKHIL GILLALA
198.	160116735323	SHEEBA RANI MYSA
199.	160116735324	VISLAVATH MOHAN
200.	160116735325	APPAM SHIVA KUMAR
201.	160116735326	APPAM SHIVAKUMAR
202.	160116735327	CHIPPA AVINASH TEJA
203.	160116735328	VELPULA SWETHA
204.	160116735329	DURGAM LALITH
205.	160116735330	SAI HARISH
206.	160116735331	KIRAN KUMAR BOGAM
207.	160116735332	DARUGULA SRIKANTH
208.	160116735333	PRADEEP VARMA YADAV GANDRAKOTA
209.	160116735334	NAVYA SHAGANTI
210.	160116735335	SUSHMITHA ERGADINDLA
211.	160116735336	PRIYANKA KUNSOTH

CHEMICAL ENGINEERING DEPARTMENT


Value Added Course

Course Code: CBIT/17CEV02

DISASTER CONTROL AND RESPONSE

Offered During 2017-18

Course Duration: 36 Hrs (3 Hrs/week)


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SYLLABUS

Instruction

3 Periods per week

Course Objectives:

1. To equip the students with the basic knowledge of hazards, disasters, risks and vulnerabilities including natural, climatic and human induced factors and associated impacts.
2. To impart knowledge in students about the nature, mechanism causes, consequences and mitigation measures of the various natural disasters including hydro metrological and geological based disasters.
3. To enable the students to understand risks, vulnerabilities and human errors associated with human induced disasters including chemical, biological and nuclear warfare agents.

Course Outcomes:

1. Ability to analyse and critically examine existing programs in disaster management regarding vulnerability, risk and capacity at local level
2. Ability to choose the appropriate activities and tools and set up priorities to build a coherent and adapted disaster management plan.
3. Ability to understand various mechanisms and consequences of natural and human induced disasters for the participatory role of engineers in disaster management.

UNIT-I:

Introduction to Natural, human induced and human made disasters – Meaning, nature, types and effects; International decade of natural disaster reduction (IDNDR); International strategy of natural disaster reduction (ISDR)

UNIT-II:

Natural Disasters– Hydro meteorological disasters: Causes, impacts, Early warning systems, structural and non-structural measures for floods, drought and cyclones; Tropical cyclones: Overview, cyclogenesis, drought monitoring and management.;

UNIT III:

Human induced hazards: Risks and control measures in a chemical industry, Causes, impacts and mitigation measures for chemical accidents, chemical disaster management, current status and perspectives; Case studies related to various chemical industrial hazards eg: Bhopal gas tragedy;

UNIT IV:

Use of remote sensing and GIS in disaster mitigation and management; Scope of application of ICST (Information, communication and space technologies in disaster management, Critical applications& Infrastructure; Potential application of Remote sensing and GIS in disaster management and in various disastrous conditions like earthquakes, drought, Floods, landslides etc.

UNIT V:

Concept of disaster management: Introduction to disaster management, Relationship between Risk, vulnerability and a disaster, Disaster management cycle, Principles of disaster mitigation: Hazard identification and vulnerability analysis, Early warning systems and forecasting; Infrastructure and development in disaster management.



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Text Books:

1. Rajib, S and Krishna Murthy, R.R (2012), "Disaster Management Global Challenges and Local Solutions" Universities Press Hyderabad.
2. Notes / Reading material published by National Disaster Management Institute, Ministry of Home Affairs, Govt. of India.


Suggested Reading:

1. Navele, P & Raja, C.K. (2009), Earth and Atmospheric Disasters Management, Natural and Manmade. B.S. Publications, Hyderabad.
2. Fearn-Banks, K (2011), Crises computations approach: A case book approach. Route ledge Publishers, Special Indian Education, New York & London.
3. Battacharya, T. (2012), Disaster Science and Management. Tata McGraw Hill Company, New Delhi.


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List of participants (21)

S.No	Roll No	Name
1	160114802026	Kandepi Gnaneswar
2	160114802029	Mohammed Jawad Ali
3	160114802030	Mohammed Noushad
4	160114802031	Mohd Ajlan Parvez
5	160114802032	Banothu Naganna
6	160114802034	Tuvva Pavan Kumar Reddy
7	160114802035	Raghav Kaushik S
8	160114802036	Pulugundla Rahul
9	160114802037	Vasireddy Rahul
10	160114802038	Mudigiri Raju
11	160114802042	Muntha Shashank
12	160114802043	Thota Shashank
13	160114802045	Mudu Srinivas
14	160114802046	Kasoju Sumanth
15	160114802047	Sumanth M V
16	160114802049	Varun K Shah
17	160114802050	Ch V Vishal Kumar
18	160114802051	Gundeboina Vikas
19	160114802302	K Sevy Naik
20	160114802304	Penta Prashanth
21	160114802305	Gadhari Sathish Kumar


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TITLE OF THE VALUE ADDED COURSE

Communication and Navigation Products

Code: CBIT/HAL/01

Duration: 30 Hours

Academic year: 2017-18


HEAD
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Gandipet, Hyderabad - 75

Syllabus:

Introduction to satellite system

- Orbital Mechanics
- Linking by satellite
- Available technologies (C, Ku, K-bands)
- Geosynchronous orbits and LEO's (Low Earth Orbits)
- Satellite design
- Transponder design

Satellite propagation and transmission equations

- Uplink characterization
- Transponder characterization
- Downlink characterization
- Atmospheric effects

Earth station design

- Uplink amplifiers, frequency converters, modulators
- Downlink amplifiers, frequency converters, demodulators
- Antennas

Analog modulation techniques

Digital modulation techniques

Satellite networks

FDMA, TDMA, CDMA, and packet


- Inter-satellite communications
- Performance evaluation

Navigation by satellite

- Time Difference of Arrival Techniques
- GPS Systems
- Limitations to Accuracy


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			CNP	LUNCH			
Tuesday							
Wednesday	CNP						
Thursday						CNP	
Friday							
Saturday							


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List of Participants :

SNO	Registered & completed student Name	Total no. of students registered & completed
1	Ms. R. Amulya Reddy	03
2	Ms. U.L.S.S.Veda Mahita	
3	Ms. K. Navya Reddy	


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