1.3 Curriculum Enrichment (30)

1.3.2 Number of value-added courses imparting transferable and life skills offered during the last five years (15)

Name of the value added courses (with 30 or more contact hours)offered during last five years	Course Code	Year of offering	No. of times offered during the same year	Year of discontinuation	Number of students enrolled in the year	Number of Students completing the course in the year
Year 1 (2018-19)						
UG Programs						
Mastering.Tally.ERP9	BITA01		1	--	86	86
Entrapreneur Development Awarness programm	ED111		1	--	100	100
Critical Thinking & Problem solving	CTP103		1	--	110	110
Introduction to Computers	BICS01		1	--	120	120
Value Added Course on Computer Training & Applications	BICS02		1	--	90	90
Basics to Computer Data Applications (CDA)	BICS03		1	--	124	124
Basic Computer Programmining	BICS04		1	--	116	116
Employability Soft Skill training Programm	BICH01		1	--	130	130
A Value Added Course on Quantitative Aptitude	BIMB06		1	--	180	180
Self Management and Learning Skills programm	BIMB07	2018-19	1	--	164	164
A Professional Course in Advanced Surveying Levels 1,2,3,4	BICE01		1	--	86	86
Advanced Structural Design Using STAAD Pro	BICE02		1	--	64	64
Course Outline of Electrical Design Engineering	BICEE10		1	--	116	116
Training Program on MATLAB and Its Applications	BIEC11		1	--	123	123
Hands on Programm AUTOCADD	BIME01		1	--	105	105
Hands on Programm ANSYS	BIME02		1	--	95	95
Value Added Course on Project Based Learning Using MATLAB	BIEC04		1	--	75	75
Digital Marketeing	BIBM1		1	--	98	98
Personality 360 Degress	BIBM2		1		65	65
PG Programs						
Ethical Hacking : CSE	EHC005		1	--	9	9
Hypertext Markup Language (HTML) : CSE	HTC005		1	--	9	9
Goods and Services Tax (GST) : MBA	GST102	**2018-19**	1	--	48	48
Logistic & Supply Chain Management: MBA	LSCM02		1	--	48	48
Stock Market Trading: MBA	STM113		1	--	48	48

Year 2 (2017-18)							
Name of the value added courses (with 30 or more contact hours)offered during last five years	Course Code	Year of offering	No. of times offered during the same year	Year of discontinuation	Number of students enrolled in the year	Number of Students completing the course in the year
UG Programs							
Mastering.Tally.ERP9	BITA01		1	--	90	90
Entrapreneur Development Awarness Programm	ED111		1	--	94	94
Critical thinking & problem solving	CTP103		1	--	86	86
Introduction to Computers	BICS01		1	--	100	100
Value Added course on Computer Training & Applications	BICS02		1	--	120	120
Basics to Computer Data Applications (CDA)	BICS03		1	--	105	105
Basic Computer Programmining	BICS04		1	--	109	109
Employability Soft Skill Training Programm	BICH01		1	--	98	98
A Value Added Course on Quantitative Aptitude	BIMB06		1	--	85	85
Self Management and Learning Skills	BIMB07		1	--	75	75
A Professional Course in Advanced Surveying Levels 1,2,3,4	BICE01	2017-18	1	--	101	101
Advanced Structural Design Using STAAD Pro	BICE02		1	--	109	109
Course Outline of Electrical Design Engineering	BICEE10		1	--	115	115
Training Program on MATLAB and its Applications	BIEC11		1	--	126	126
Hands on Programm AUTOCADD	BIME01		1	--	132	132
Hands on Programm ANSYS	BIME02		1	--	140	140
Value Added course on Project Based Learning Using MATLAB	BIEC04		1	--	133	133
Digital Marketeing	BIBM1		1	--	122	122
Personality Development Program	BIBM2		1	--	118	118
Ethics,Moral & Professional Values	EM101		1	--	80	80
Digital Marketing	DM101		1	--	75	75
Principles of Management	POM102		1	--	123	123
PG Programs							
Ethical Hacking : CSE	EHC005		1	--	9	9
Hypertext Markup Language (HTML) : CSE	HTC005		1	--	9	9
Goods and Services Tax (GST) : MBA	GST102		1	--	30	30
Logistic & Supply Chain Management: MBA	LSCM02	2017-18	1	--	30	30
Stock Market Trading: MBA	STM113		1	--	30	30

Name	Course Code	Year of offering	No. of times offered during the same year	Year of discontinuation	Number of students enrolled in the year	No.of Students completing the course in the year
Entrapreneur Development Awarness Programm:MBA	ED111		1	--	30	30
Digital Marketing :MBA	DM101		1	--	30	30
Mastering.Tally, ERP9:MBA	BITA01		1	--	30	30

Year 3 (2016-17)						
Name of the value added courses (with 30 or more contact hours)offered during last five years	**Course Code**	**Year of offering**	**No. of times offered during the same year**	**Year of discontinuation**	**Number of students enrolled in the year**	**No.of Students completing the course in the year**
UG Programs						
Ethics, Moral & Professional values.	EMP101	2016-17	1	--	167	167
Principles of Management.	POM102		1	--	100	100
PG Programs						
Entrapreneur Development Awarness Programm:MBA	ED111		1	--	37	37
Digital Marketing :MBA	DM101		1	--	37	37
Mastering.Tally, ERP9:MBA	BITA01		1	--	37	37
Wireless Sensor Networks:ECE	WSN104	2016-17	1	--	22	22
Adhoc Networks : ECE	ADE104		1	--	22	22
Soft Skills:MBA	SSP360		1	--	37	37
Project Management:MBA	PMP05		1	--	37	37

Year 4 (2015-16)						
Name of the value added courses (with 30 or more contact hours)offered during last five years	**Course Code**	**Year of offering**	**No. of times offered during the same year**	**Year of discontinuation**	**Number of students enrolled in the year**	**Number of Students completing the course in the year**
UG Programs						
Critical Thinking & Problem Solving.	CTP103	2015-16	1	--	250	250
Ethics, Moral & Professional Values.	EMP101		1	--	217	217
PG Programs						
Wireless Sensor Networks:ECE	WSN104		1	--	10	10
Adhoc Networks : ECE	ADE104		1	--	10	10
Soft Skills:MBA	SSP360		1	--	45	45
Project Management:MBA	PMP05	2015-16	1	--	45	45
System Design Using MATLAB: EEE	SDM102		1	--	26	26
5G Communications: ECE	GCE104		1	--	11	11

Principles of Management:MBA	POM102		**1**	--	43	43
Corporate Goverance:MBA	CGMBA		1	--	43	43

Year 5 (2014-15)						
Name of the value added courses (with 30 or more contact hours)offered during last five years	**Course Code**	**Year of offering**	**No. of times offered during the same year**	**Year of discontinuation**	**Number of students enrolled in the year**	**Number of Students completing the course in the year**
UG Programs						
Critical Thinking & Problem Solving.	CTP103	2014-15	1	--	199	199
Ethics, Moral & Professional Values.	EMP101		1	--	90	90
PG Programs						
System Design Using MATLAB: EEE	SDM102		1	--	36	36
5G Communications: ECE	GCE104		1	--	28	28
Principles of Management:MBA	POM102		1	--	43	43
Corporate Goverance:MBA	CGMBA	2014-15	1	--	43	43
Soft Computing Applications in Power Systems :EEE	SCAP02		1	--	36	36
Hands on Session for ANSYS: ME	HSA103		1	--	10	10
Employability Skills:MBA	EMS112		1	--	40	40

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Summery Report on Life Skills Programmes for UG Students

Our institution imparts transferable and life skills to the students .institute organizes various programmes which are required for well- being and aid individual to develop into active and productive members of their communities. Besides curriculum we also teach the students to encounter challenges to meet the daily tasks in their lives and be as a successful human in the society.

The details of life skills programmes organized for past 5 years are shown below:

S.No	Academic Year	No. of Programs	No. of Students Participated
1	2018-19	19	2047
2	2017-18	22	2336
3	2016-17	02	267
4	2015-16	02	467
5	2014-15	02	289

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Report on Life Skills for UG Students

As part of enrichment of curriculum value added courses which impact transferable life skills which help the student to achieve placements and success in their activities. However in order to meet the functional requirements many courses are repeated and few are newly introduced.

The Below table indicates courses offered during the last five years for UG students.

Academic Year	Total Courses	Repeated Courses	New Courses
2018-19	20	19	01
2017-18	22	21	01
2016-17	02	02	Nil
2015-16	02	02	Nil
2014-15	02	02	Nil
Total	**48**	**46**	**02**

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Summery Report on Life Skills Programmes for PG Students

Our institution imparts transferable and life skills to the students .institute organizes various programmes which are required for well- being and aid individual to develop into active and productive members of their communities. Besides curriculum we also teach the students to encounter challenges to meet the daily tasks in their lives and be as a successful human in the society.

The details of life skills programmes organized for past 5 years are shown below:

S.No	Academic Year	No. of Programs	No. of Students Participated
1	2018-19	05	162
2	2017-18	08	198
3	2016-17	07	229
4	2015-16	08	233
5	2014-15	07	236

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Report on Life Skills for PG Students

As part of enrichment of curriculum value added courses which impact transferable life skills which help the student to achieve placements and success in their activities. However in order to meet the functional requirements many courses are repeated and few are newly introduced.

The Below table indicates courses offered during the last five years for PG students.

Academic Year	Total Courses	Repeated Courses	New Courses
2018-19	05	05	Nil
2017-18	08	05	03
2016-17	07	03	04
2015-16	08	04	04
2014-15	07	04	03
Total	**35**	**21**	**14**

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2018-19

Contents for Critical thinking & problem solving

FACULTY NAME: Dr. Sudhakar Rao

Sl.No	TOPIC
1	Creativity, lateral thinking, critical thinking

What is Critical Thinking?

Characteristics of critical thinking

Teaching Strategies to help Promote Critical thinking |
2	Multiple intelligence,
3	Problem solving
4	Six thinking hats Mind mapping & analytical thinking
5	Personality development
6	Decision Making
7	Communication Skills.
8	Analytical Thinking
9	Determination
10	Critical thinking behaviours: active listening, probing

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Contents for Quantitative Aptitude

FACULTY NAME: Mr.B.Veeru

SL.NO	TOPIC
1	Time and work
2	Average
3	Mixtures Alligations
4	Number system
5	Permutation & Combination
6	Ratioproportion
7	Percentage
8	Clock
9	calendar
10	probability

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2017-18

Principles of management

FACULTY NAME: Dr G.Naresh

SL.NO	TOPIC
1	Introduction to Principles of Management
2	Personality, Attitudes, and Work Behaviors
3	Globalization, and Values-Based Leadership
4	Organizational Culture
5	Social Networks
6	Leading People and Organizations
7	Decision Making
8	Communication in Organizations
9	Managing Groups and Teams
10	Motivating Employees
11	The Essentials of Control
12	Strategic Human Resource Management

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Contents for DIGITAL MARKETING

FACULTY NAME: Dr. L.Sampath

Sl.No	TOPIC
1	New marketing Environment
2	Online Marketing planning Issues
3	Online Marketing Research
4	Search Engine Marketing
5	Online Buyer Behaviour
6	Website Developments
7	Pricing Issues in Web
8	Online Communication Tools
9	Online Distrubution and Procurment
10	Online Marketing Legal issues
11	Online Product
12	E-Marketing

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2016-17

Ethics ,Moral & Professional values

FACUTY NAME : N.HEMA

SL.NO	TOPIC
1	Human values, civic rights
2	Ethics ,Engineering as social experimentation
3	Environmental Ethics
4	Code of ethics like ASME,ASCE,IEEE
5	Leadership Skills leadership levels of leadership
6	Global issues
7	Self-Motivated professional attitude
8	ethical principles

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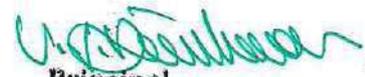Dist. Warangal - 506 331

Introduction to computers

FACUTY NAME : D.Ranjith

Sl.No	TOPIC
1	Module 1: Introduction Computer definition
2	Generation of computers
3	Module 2: Computer Hardware Hardware components
4	Software components
5	An Overview of Storage Devices
6	Module 3: System Software Operating systems
7	Module 4: Windows
8	Module 5: Communications and Information Literacy Networks
9	Module 7: Networks and Security
10	Internet
11	Business on the web
12	Programming languages

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2015-16

Employability Soft skills Training Program

FACULTY NAME:Dr. V.Sudhakar Rao

Sl.No	TOPIC
1	Emotional Intelligence.
2	Problem Solving
3	Presentation Skills.
4	Time Management.
5	Interpersonal Skills.
6	Leadership & Management.
7	Business Etiquette.
8	Communication Skills.
9	Analytical Reasoning
10	Team Building Skills

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Contents for Tally.ERP9

FACULTY NAME: Dr. K.Prasad

Sl.No	TOPIC
1	Introduction to Financial Accounting Company
2	Accounts with inventory Inventory enabled voucher entry
3	Concept of VAT, ST, TDS, FBT,CST, TCS,ED Cost centres
4	Data Backup And Recovery Payroll
5	ERP &TALLY
6	Inventory Stock Management Payroll System
7	Entery TAX Entery Source to Product Creation
8	Accounting Job Persons, Tax Consultants, Chartered Accountants, Cost
9	Tally ERP 9 Online Course with GST,
10	Masters – Ledgers
11	Masters – Bill wise Debtors and Creditors Ledger
12	Goods and Services Tax (GST)
13	Sales Voucher with GST
14	Tally Audit
15	Stock Analysis and Reports

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2014-15

Course Outline of Electrical Design Engineering

FACULTY NAME: Mr R.Ranadeer Reddy

Sl.No	TOPIC
1	System Planning
2	Cost estimating of industrial power systems
3	Lighting Design
4	Cable sizing and Selection of single Phase and three phase
5	Internal Electrification design
6	Protection of building and allied structures against lighting
7	Earthing Deign and calculation of Power Plants
8	DESIGN AND ENGINEERING OF TRANSMISSION LINE
9	Design and engineering of switchyard

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Advance Surveying

FACULTY NAME: Mr P.Venkateshwarlu

Sno	Topic
1	Module-1 : Curve Surveying
2	Module-2 : Geodetic Surveying and Theory of Errors
3	Module-3 : Introduction to Field Astronomy
4	Module-4 : Aerial Photogrammetry
5	Module-5 : Modern Surveying Instruments

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Ethical Hacking

Academic Year: 2018-19

Resource Person: Mr.B.Ranjith Kumar, Assistant Professor, Dept of CSE.

Introduction to Ethical Hacking
Foot printing and Reconnaissance
Scanning Networks
System Hacking
Malware Threats
Sniffing
Evading IDS, Firewalls, and Honey pots
Hacking Web Servers
Hacking Web Applications
SQL Injection
IoT Hacking

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Hypertext Markup Language (HTML)

Academic Year: 2018-19

Resource Person: Mr. S.Santhosh, Assistant Professor, Dept of CSE

Introduction to HTML
Cascading Style sheets
Java Script
JDBC
Web Servers
Servlets
PHP Basic
Parsers

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Goods and Services Tax (GST)

Academic Year: 2018-19

Resource Person: Mr. N.Sreedhar, Assistant Professor, Dept. of MBA

Introduction to Goods and Service Tax
Phases of GST, GST Council
Taxes under GST, Cess
Registration under GST
Supply under GST and Valuation of Supply
Input Tax Credit under GST & Returns:
Custom Duty and Indirect Taxation
Explanation under various levels of income

Logistic and Supply Chain Management (LSCM)

Academic Year: 2018-19

Resource Person: Ms.Hema Neelam, Assistant Professor, Dept of CSE

Introduction, Supply Management, Evolution of ERP, Concept of ERP in SCM,
Inventory Models, Inventory Control Systems
Definition of Logistics and Logistics Management, Types of Logistic Activities,
Determinants of Designing Logistical System, Transportation, Warehousing, Packaging
Understanding the Benchmarking Concept, Benchmarking Process
New Developments in Supply Chain Management
Outsourcing Supply Chain operations
The Role of E-Commerce in Supply Chain Management
Green Supply Chain Management
Distribution Resource Planning, World Class Supply Chain Management

Stock Market Trading (SMT)

Academic Year: 2018-19

Resource Person: Mr. N.Sreedhar, Assistant Professor, Dept of MBA

Security Markets – Legal Environment: SEBI Act, 1992, Securities Contract Regulation Act
Security Markets – Primary market – its role and functions
Allotment of shares – Procedures for new issues
E-trading.
Secondary Market – Role, importance, an organization of stock exchanges
Internet-based trading.
Depository: Role and need – The Depositories Act, 1996
Take-over's – Internet-based trading.
Capital Market Instruments
National Securities Depository Ltd. (NSDL)

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Entrepreneurial Development Awarness Programm

Academic Year: 2017-18

Resource Person: Mr.G.Naresh, Assistant Professor, Dept. of MBA

Definitions of Entrepreneur Today
Nature and Developments of Entrepreneurship
The entrepreneurial Decision process
Change from present Lifestyle
Entrepreneurship in Economic Development
Entrepreneurial Career and Education
The entrepreneurial and Intrepreneurial mind
Develop a Business plan
Commitment of Recourse
Commitment of Opportunity
Causes of for Interest in Intrepreneurship
Creating and starting venture
Methods of Generating Ideas
Creative Problem Solving
Idea Stage
E-Commerce
Business start –up[
Financing the New Venture
Debt or Equity Financing
Personal Fund
Commercial banks
Government Grants
Entrepreneurial Strategy
Generation of New entry Opportunities
Risk reeducation Strategy
Market scope Strategy
Managing Newness

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Digital Marketing

Academic Year: 2017-18

Resource Person: Mr. L.Sampath, Assistant Professor, Dept of MBA.

New marketing Environment
Online Marketing planning Issues
Online Marketing Research
Search Engine Marketing
Online Buyer Behaviour
Website Developments
Pricing Issues in Web
Online Communication Tools
Online Distrubution and Procurment
Online Marketing Legal issues
Online Product
E-Marketing

MASTERING TALLY, ERP

Academic Year: 2017-18

Resource Person: Dr.K.Prasad, Associate Professor, Dept of MBA

Introduction to Financial Accounting Company
Accounts with inventory Inventory enabled voucher entry
Concept of VAT, ST, TDS, FBT,CST, TCS,ED Cost centres
Data Backup And Recovery Payroll
ERP &TALLY
Inventory Stock Management Payroll System
Entery TAX Entery Source to Product Creation
Accounting Job Persons, Tax Consultants, Chartered Accountants, Cost
Tally ERP 9 Online Course with GST,
Masters – Ledgers
Masters – Bill wise Debtors and Creditors Ledger
Goods and Services Tax (GST)
Sales Voucher with GST
Tally Audit
Stock Analysis and Reports

Wireless Sensor Networks

Academic Year: 2016-17

Resource Person: Dr. S Rajashekhar, Professor, Deprt of EEE

Introduction
Applications of WSN
Design of WSN
Data Mining Techniques and Tools for WSNs
Research Issues

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Adhoc Networks

Academic Year: 2016-17

Resource Person: Mr.D.Sunil Suresh, Assistant Professor, Dept.of ECE

Topics Include for Adhoc Networks

Introduction
Types of ad-hoc wireless networks
TCP (Transmission Control Protocol)
TCP (Internet Protocol)
Multimedia Wireless Ad Hoc Networks

Soft skills

Academic Year: 2016-17

Resource Person: Dr.V.Sudhakar Rao, Associate Professor, Dept.of H&S

Emotional Intelligence.
Problem Solving
Presentation Skills.
Time Management.
Interpersonal Skills.
Leadership & Management.
Business Etiquette.
Communication Skills.

Project Management

Academic Year: 2016-17

Resource Person: Ms.Hema Neelam, Assistant Professor, Dept. of MBA

Project Management
Project Identification and Selection
Project finance
Project Planning and Control

System Design Using MATLAB

Academic Year: 2015-16

Resource Person: Dr. S Suresh Rao, Professor, Dept. of EEE

Introductory sessions of MATLAB training course.
Introduction to Artificial Intelligence.
Real time Embedded Systems.
Introduction to IOTMATLAB Programming
Scientific methods in Artificial Intelligence.
Applications of RTOS
MATLAB Programming.
Programming using EMBEDDED C
MATLAB Toolboxes (Signal Processing, Image Processing)
Simulink

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5G Communications

Academic Year: 2015-16

Resource Person: Mr. V. Ramakrishna Reddy, Assistant Professor, Dept.of ECE

5G Mobile Core and Operation System
Softwarization in 5G
5G Ultra Dense Networks
Multi Connectivity Functional Architecture in 5G
5G Security Goals

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Accredited By NBA (UG – CE, ME, ECE & CSE Programmes) & NAAC
(Affiliated to JNTUH, Hyderabad and Approved by the AICTE, New Delhi)
www.bitswgl.ac.in, email: principal@bitswgl.ac.in :: Ph. 98660 50044, Fax 08718-230521

Soft Skills(

Academic Year: 2015-16

Resource Person: Dr. V.Sudhakar Rao, Associate Professor, Dept of H&S

Organised by Dept.of MBA

Emotional Intelligence.
Problem Solving
Presentation Skills.
Time Management.
Interpersonal Skills.
Leadership & Management.
Business Etiquette.
Communication Skills.

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Laknepally, Mdl. Narsampet,
Dist. Warangal - 506 331

TALLY

Academic Year: 2015-16

Resource Person: Dr. K.Prasad, Associate Professor, Dept of MBA

Introduction to Financial Accounting Company
Accounts with inventory Inventory enabled voucher entry
Concept of VAT, ST, TDS, FBT,CST, TCS,ED Cost centres
Data Backup And Recovery Payroll
ERP &TALLY
Inventory Stock Management Payroll System
Entery TAX Entery Source to Product Creation
Accounting Job Persons, Tax Consultants, Chartered Accountants, Cost
Tally ERP 9 Online Course with GST,
Masters – Ledgers
Masters – Bill wise Debtors and Creditors Ledger
Goods and Services Tax (GST)
Sales Voucher with GST
Tally Audit
Stock Analysis and Reports

ISO 9001:2015 Certified Institution   Estd. : 2001

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Soft Computing Applications in Power Systems

Academic Year: 2014-15

Resource Person: Mr. Singireddy Mallikarjun Reddy, Assistant Professor, Dept.of EEE

Various soft computing techniques.
Convergence characteristics of algorithms like BPA, Fuzzy and GA.
Randomness in the final output.
Applications of above techniques to problems like ATC calculations etc.,

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Hands on Session for ANSYS

Academic Year: 2014-15

Resource Person: Mr.T.S.R.BABU , Assistant Professor,Dept.of ME

Introduction
Simulation Basics
General Preprocessing
Static Structural Analysis
Free Vibration Analysis
Thermal Analysis
Linear Buckling Analysis
Results Post processing
CAD & Parameters
Harmonic Analysis

Advance Surveying

Academic Year: 2014-15

Resource Person: Mr P.Venkateshwarlu, Assistant Professor,Dept.of CE

Module-1 : Curve Surveying
Module-2 : Geodetic Surveying and Theory of Errors
Module-3 : Introduction to Field Astronomy
Module-4 : Aerial Photogrammetry
Module-5 : Modern Surveying Instruments

Employability Skills

Academic Year: 2014-15

Resource Person: Dr.V.Sudhakar Rao, Associate Professor, Dept.of H&S

Campus to Corporate Brochure Content:
Modules:
- Communication Skills
- Verbal & Non-Verbal
- Group Discussion
- Interpersonal Communication
- Business Meetings

- Writing of Business Communication
- Process of Writing
- Persuasive writing
- Bad News Message
- Business letter writing

- Presentation Skills
- Writing the Report
- Planning the Report
- Steps in writing business Letters
- Kinds of Business letters

- Role of Business Presentation
- Planning and organizing Presentations
- Team Presentation
- Online Presentation
- Understanding yourself
- Carrer
- Goal Setting

- Resume Formats
- Preparing resume
- Preparing for job interview
- Practicing Business Etiquettes

- Conflict Management
- Creating a Win-Win situation
- Negotiation and Persuasion
- Dealing with Aggressive Behavior
- Different Styles of Handling Conflicts
- Dealing with Emotions
- Conflict Resolution Strategies
- Tools and Techniques for Conflict Management

- Mass Media
- Public Relation Management
- Cross culture
- Global communication
- Communication in IIT
- E-Business