NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

DEPARTMENT OF MANAGEMENT STUDIES

COURSE PLAN – PART I			
Name of the programme and specialization	Elective Specialization		
Course Title	INTRODUCTION TO BUSINESS ANALYSIS AND IT CONSULTING		
Course Code	MB 801	**No. of Credits**	2
Course Code of Pre-requisite subject(s)	-		
Session	July / January _July_	**Section (if, applicable)**	NA
Name of Faculty	Dr .B. Boopalan	**Department**	Management Studies
Official Email	boopalan@nitt.edu	**Telephone No.**	+91 9994127121
Name of Course Coordinator(s) (if, applicable)			
Official E-mail		**Telephone No.**	
Course Type (please tick appropriately)	☐ Core course	✓ √ Elective course	

Syllabus (approved in BoS)

Unit I Introduction & Enterprise Analysis

Trends in IS offshoring- emerging business models- Goal setting- business analyst strategic role-creating and maintaining business architecture- feasibility studies-determining project scope-preparing business case- initial risk assessment- Define Business Need- Assess Capability Gaps-Determine Solution Approach-Define Solution Scope- Define Business Case preparing decision package.

Unit II BA Planning and monitoring

Plan Business Analysis Approach-Conduct Stakeholder Analysis- Plan Business Analysis Activities- Plan Business Analysis Communication-Plan Requirements Management Process-Manage Business Analysis Performance- selecting and prioritizing projects-launching new projects- tracking project benefits.

Unit III Requirements Elicitation, Analysis and Communication

Prepare for Elicitation-Conduct Elicitation Activity-Document Elicitation Results-Confirm Elicitation Results-Prioritize Requirements-Organize Requirements-Specify and Model Requirements-Define Assumptions and Constraints- Verify Requirements-Validate Requirements-

Manage Solution Scope & Requirements-Manage Requirements Traceability -Maintain Requirements for Re-use-Prepare Requirements Package-Communicate Requirements signoff.

Unit IV BA Techniques and competencies

Brainstorming -Business Rules Analysis –process modelling- Data Modeling - Document Analysis -Functional Decomposition-Interface Analysis-Interviews- Organization Modeling–Prototyping-Requirements Workshops-Root Cause Analysis- Scenarios and Use Cases- Sequence Diagrams-State Diagrams. Analytical Thinking and Problem Solving-Behavioral Characteristics- Business Knowledge-Communication Skills- Interaction Skills-Software Applications

TEXT BOOKS:

Business Analysis Body of Knowledge, Ver. 2.0, International Institute of Business Analysis, 2012

H. Podeswa, The Business Analyst's Handbook, Censage Learning, 2009

REFERENCES BOOKS:

D. Paul, D. Yeates, J. Cadle, Business Analysis, 2nd Edition, British Informatics Society, 2010.

Tony Morgan, Business Rules and Information Systems: Aligning IT with Business Goals, Addison Wesley, 2007.
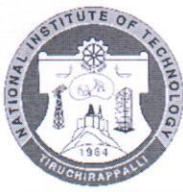
Christine B. Tayntor, Successful Packaged Software Implementation, CRC Press, 2005.

COURSE OBJECTIVES
To provide the knowledge and necessary skills for carrying out business analysis and provide business value through IT.

MAPPING OF COs with Pos

Course Outcomes	Programme Outcomes (PO) (Enter Numbers only)
1. To gain knowledge about BA roles and foundations of business analysis	-
2. To get insight into concepts and various processes of Planning and Monitoring	-
3. To understand the different requirements and communicate them to the team	-
4. To gain knowledge about business analysis techniques and it's competencies	-

COURSE PLAN – PART II

COURSE OVERVIEW

This course will help you to understand aspects of the Business Analysis functions – planning, monitoring, requirement elicitation, analysis, communication, techniques and competencies. Further this course will provide an exposure to current trends on business analysis and IT Consultancy.

COURSE TEACHING AND LEARNING ACTIVITIES (Add more rows)

S.No.	Week/Contact Hours	Topic	Mode of Delivery
1	1 Week	Introduction to Business Analysis and IT Consultancy	Chalk & Talk; PPT
2	2 Week	BA planning and Monitoring	Chalk & Talk; PPT
3	3 Week	Application of requirements elicitation and analysis with an example	Chalk & Talk; PPT
4	4 Week	Identifying scopes and needs of a business	Chalk & Talk; PPT
5	5 Week	Application of planning and monitoring in a real system	Chalk & Talk; PPT
6	6 Week	Managing scopes and needs of a business	Chalk & Talk; PPT
7	7 Week	Business rules and Data modeling	Chalk & Talk; PPT
8	8 Week	Document analysis, Interface analysis and Root cause analysis	Chalk & Talk; PPT
9	9 Week	Analytical thinking and problem solving	Chalk & Talk; PPT
10	10 Week	Recent trends in BA and IT consultancy	Chalk & Talk; PPT

COURSE ASSESSMENT METHODS (shall range from 4 to 6)

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1	Cycle Test 1	06.09.2019	1 hr. 30 mins	25
2	Project	22.09.2019	NA	20
3	Presentation	29.10.2019	1 hr.	5
CPA	Compensation Assessment*			
4	Retest	31.10.2019	1 hr. 30 mins	
5	Final Assessment *	14.11.2019	3 hrs.	50

*mandatory; refer to guidelines on page 4

COURSE EXIT SURVEY
(mention the ways in which the feedback about the course shall be assessed)

Feedback received from student's anonymous survey

COURSE POLICY (including compensation assessment to be specified)

- Retest will be conducted only to the students who got prior permission before the Cycle test

- Assignment late submissions will not be allotted any marks

ATTENDANCE POLICY (A uniform attendance policy as specified below shall be followed)

➢ At least **75% attendance** in each course is **mandatory.**

➢ A **maximum of 10%** shall be allowed under **On Duty (OD) category**.

➢ Students with less than 65% of attendance shall be prevented from writing the final assessment and shall be awarded 'V' grade.

ACADEMIC DISHONESTY & PLAGIARISM

➢ Possessing a mobile phone, carrying bits of paper, talking to other students, copying from others during an assessment will be treated as punishable dishonesty.

➢ Zero mark to be awarded for the offenders. For copying from another student, both students get the same penalty of zero mark.

➢ The departmental disciplinary committee including the course faculty member, PAC chairperson and the HoD, as members shall verify the facts of the malpractice and award the punishment if the student is found guilty. The report shall be submitted to the Academic office.

➢ The above policy against academic dishonesty shall be applicable for all the programmes.

ADDITIONAL INFORMATION, IF ANY

FOR APPROVAL

Course Faculty_____   CC- Chairperson_____HOD_____

Dr. P. SRIDEVI
Head
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