

S. P. Mandali's

Ramnarain Ruia Autonomous College

(Affiliated to University of Mumbai)

Syllabus for



RUIA COLLEGE

Explore • Experience • Excel

Program: TOURISM AND TRAVEL MANAGEMENT

(B. Voc. TTM)

Program Code: RUVTTM

(Choice Based Credit System for the academic year 2023–2024)



KAUSHAL KENDRA
Perform • Practice • Perfect

GRADUATE ATTRIBUTES (GA)

For Bachelor in Vocation (B. Voc.)

S. P. Mandali's Ramnarain Ruia Autonomous College has adopted the Outcome Based education model for its vocational programs to make its vocational graduates globally competent, ready with skill sets needed for the industry and capable of adapting to the changing needs of the job roles. The Bachelor in Vocation Programme will not only nurture good technical and analytical skills needed for the operation but will also encourage students to reflect on the broader purpose of their vocational education by developing and acquiring skills that go beyond the technical knowledge and prepare them as agents of social good in an unknown future.

GA	GA Description A student completing Bachelor's Degree in Tourism and Travel Management program will be able to:
GA 1	Recall the knowledge and skills acquired in the program related to the working of the industry for which the student has been trained and effectively apply the job skills to discharge the responsibilities of the job roles in the industry
GA 2	Listen and effectively communicate with peers, seniors and regulators of the industry within the corporate and official settings by rationally handling digital platforms used for information gathering, storing and dissemination and be competent to comprehend, evaluate and comply with the ethical and legal requirements while handling these platforms
GA 3	Apply the knowledge and skills acquired by hands-on experiences to real-life situations and analyse objectively while making individual judgments to solve problems and troubleshoot with keen observation and hypothesis testing for independently reaching a logical Conclusion
GA 4	Analyse the information independently and transform it into knowledge as applicable to the contemporary situations of the trade and work cooperatively with peers and manage resources effectively while keeping the team goals over personal goals
GA 5	Interact with people of diverse backgrounds and cultures respecting their beliefs and practices and while effectively engaging within a multicultural society and be able to empathise with the societal needs and be concerned and responsible to environmental Issues
GA 6	Perform duties ethically and comply with the legal and contemporary regulatory norms related to all areas of the trade with truthful representation of data and results
GA 7	Responsibly take up initiatives and perform as an effective leader while executing different tasks as a team and evolve as a successful entrepreneur with abilities to motivate and organize people and effectively lead them in the right direction to achieve organizational Goals
GA 8	Take advantage of their prior learning and join the program during the course of their

	lifetime as a lifelong learner so as to re-skill themselves and adapt to the changing demands of the trade at any point in life.
GA 9	To inculcate research temperament and entrepreneurship ethics in the students.

Ramnarain Ruia Autonomous College (B.Voc. TTM)

PROGRAM OUTCOMES (PO)

PO	Description
	A student completing Bachelor's Degree in B. Voc. program in the subject of Tourism and Travel will be able to:
PO 1	Develop knowledge, understanding and expertise in their chosen field of Tourism and Travel Management (through theory and practical components).
PO 2	Develop an understanding of tourism-based concepts and its impact on environment and Economy
PO 3	Understand theoretical concepts and niche tourism concepts for sustainable growth of tourism activities.
PO 4	Understand tour management, operations, aviation industry and global distribution systems and their use for practicing in the industry.
PO 5	Contextualize tourism within broader cultural, environmental, political and economic dimensions of society. Critique tourism practices for their implications locally and globally.
PO 6	Apply relevant tourism technology and software for the creation and management of tourism experiences.
PO 7	Sensitize students to take up research-based activities and methods for interpretation of tourism data to understand travel trends, tourism promotion, destination management and city concepts
PO 8	Provide opportunities to excel in academics, research and industry.
PO 9	Exhibit effective oral communication through personal interaction as well as classroom presentations, individually or as part of a group, to a larger audience.
PO 10	Demonstrate critical thinking and analytical skills through writing and verbal assessments. This shall enable the candidates for developing leadership and entrepreneurship qualities for job prospects

PROGRAM OUTLINE

SYLLABUS IN BRIEF: B. Voc. Tourism and Travel Management

Sr. No	Paper Code	Semester	Paper No	Title	Credits	COMPONENT
1	RUVTTM301	III	1	Principles of Management	04	GENERAL
2	RUVTTM302	III	2	Human Resource Management	04	GENERAL
3	RUVTTM303	III	3	World Heritage Studies	04	GENERAL
4	RUVTTM304	III	4	Tourism Products – Planning and Management	06	SKILLED BASED
5	RUVTTM305	III	5	Domestic Tour Operations	06	SKILLED BASED
6	RUVTTM306	III	6	World Geography	06	SKILLED BASED
7	RUVTTM401	IV	1	Research Methodology	04	GENERAL
8	RUVTTM402	IV	2	GK and current Affairs	04	GENERAL
9	RUVTTM403	IV	3	Business Communication Skills	04	GENERAL
10	RUVTTM404	IV	4	Basics of Travel Technology - I	06	SKILLED BASED
11	RUVTTM405	IV	5	Internship Paper	12	SKILLED BASED
12	RUVTTM501	V	1	Basics of Accounts	04	GENERAL
13	RUVTTM502	V	2	Event Management	04	GENERAL
14	RUVTTM503	V	3	Retail and Sales Management	04	GENERAL
15	RUVTTM504	V	4	Research Based Project	06	SKILLED BASED
16	RUVTTM505	V	5	Basics of Travel Technology - II	06	SKILLED BASED
17	RUVTTM506	V	6	International Tour Planning	06	SKILLED BASED
18	RUVTTM601	VI	1	Introduction to Indian Sociology	04	GENERAL
19	RUVTTM602	VI	2	Fundamentals of Public Relations	04	GENERAL
20	RUVTTM603	VI	3	Environmental Awareness and Sustainable Development	04	GENERAL
21	RUVTTM604	VI	4	Marketing and Digitization in Tourism	06	SKILLED BASED
22	RUVTTM605	VI	5	Entrepreneurship and Start up Management	06	SKILLED BASED
23	RUVTTM606	VI	6	Corporate analysis and Company Culture	06	SKILLED BASED

Course Code: SYBVOC TTM – RUVTTM301
Course Title: Principles of Management
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6			
SEMESTER III			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM301		Principles of Management	04 / 60
	1	Concept of Principles of Management: <ul style="list-style-type: none"> • Meaning & definition and Features • Need and importance • Functions of management 	10 hrs
	2	Planning & Decision Making: <ul style="list-style-type: none"> • Definition, Features • Need and importance • Limitations • Essentials of a sound plan • Steps in planning and decision making 	15 hrs
	3	Organization: <ul style="list-style-type: none"> • Definition & Types of organization • Line and staff organization 	10 hrs
	4	Directing <ul style="list-style-type: none"> • Definition, importance & scope of directing • Principles of Coordination • Communication: Meaning, scope and measures to remove communication barriers 	15 hrs
	5	Centralisation and Decentralisation: <ul style="list-style-type: none"> • Meaning • Advantages And Disadvantages 	10 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM301
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM302
Course Title: Human Resource Management
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6			
SEMESTER III			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM302		Human Resource Management	04 / 60
	1	<ul style="list-style-type: none"> • Concept of Human Resource Management • Role of HR in an organisation 	10 hrs
	2	Planning, Recruitment and Selection Process: <ul style="list-style-type: none"> • Employment tests- methods and techniques • Interviews – types and processes • Induction process 	15 hrs
	3	Training evaluation and Management Development: <ul style="list-style-type: none"> • Steps in Training program • Training methods / Techniques • Effective training processes 	10 hrs
	4	Performance Appraisal: <ul style="list-style-type: none"> • Importance and Purpose • Methods of appraisal 	15 hrs
	5	Emerging Trends in HRM <ul style="list-style-type: none"> • Changing environment of HRM • Challenges, current issues and trends in HRM in travel and tourism industry 	10 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of 1 ½ Hr (for 40 marks)

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM302
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM303
Course Title: World Heritage Studies
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6			
SEMESTER III			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
		World Heritage Studies	04 / 60
RUVTTM303	1	Cultural Heritage: <ul style="list-style-type: none"> • Definitions, terminology and concepts • Types of Heritage: tangible and intangible 	10 hrs
	2	<ul style="list-style-type: none"> • Agencies for Heritage conservation and promotion- Regional and Global: Archaeological Survey of India and UNESCO 	15 hrs
	3	<ul style="list-style-type: none"> • World Heritage Sites: concept, selection criteria and process, types of world heritage sites 	10 hrs
	4	<ul style="list-style-type: none"> • Heritage marketing - Heritage visitor characteristics and motivations 	15 hrs
	5	Heritage conservation and impacts of heritage tourism	10 hrs

Modality of Assessment

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Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
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4	Submission and Viva Voce
5	Group Discussion or Debate

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2. 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM303
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM304
Course Title: Tourism Products –
Planning and Management
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6 SEMESTER III			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM304		Tourism Products – Planning and Management	06 / 75
	1	Concept of Tourism Planning and tourism Promotion • Characteristics, Product Lifecycle PLOG and Butler with case study	15 hrs
	2	• Importance of Planning in tourism and its stages, • Coordination in planning • Planning process • Economic Feasibility of a project: Identify markets, cost benefit analysis, cost estimation	15 hrs
	3	• Impact of tourism and environmental protection, Demonstration effect: Economic, environmental, social, cultural, political impacts • Measures to regulate impact • Tourism Legislation	15 hrs
	4	• Attraction Planning and development: • Need for planned development • Various levels at which tourism is planned • Theme parks as attraction	15 hrs
	5	• Emerging trends in tourism • Need for trained staff, Environmental Concerns and concept of Sustainable tourism	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of 1 ½ Hr (for 40 marks)

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM304
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM305
Course Title: Domestic Tour Planning
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6			
SEMESTER III			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM305		Domestic Tour Planning	06 / 75
	1	<ul style="list-style-type: none"> Travel Agency and its functions, tour operators Logistics to be handled for tours, setting up of a travel agency Guides and escorts 	15 hrs
	2	<ul style="list-style-type: none"> IATA accreditation procedure for a travel agency Airlines departments and functions Passengers requiring special handling at the airport Facilities at the airport, inflight services 	15 hrs
	3	<ul style="list-style-type: none"> Tour Development and components of a tour package, Highlights of a tour brochure, Understanding logistics of monuments and time management of itinerary Preparing itinerary and Costing the itinerary (GIT and FIT) Day wise and city wise (domestic only) Computing costs and mark up to earn profits 	15 hrs
	4	<ul style="list-style-type: none"> Inventory management and coordination with suppliers 	15 hrs
	5	<ul style="list-style-type: none"> Comparative study of different products for the same destination, importance of blogs for destination promotion 	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM305
Q.2		10	
Q.3		10	
Q.4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM306

Course Title: World Geography

Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6 SEMESTER III			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM306		World Geography	06 / 75
	1	<ul style="list-style-type: none"> • Understanding major circuits • Country profile and IATA areas of the world. • Understanding climate and seasonality of tourism regions of the world. 	15 hrs
	2	<ul style="list-style-type: none"> • Upcoming trends for international travel • new emerging concepts related to popular destinations 	15 hrs
	3	<ul style="list-style-type: none"> • Continent wise study of places of tourist interest: manmade, natural, amusement parks and popular circuits 	15 hrs
	4	<ul style="list-style-type: none"> • Comparative study of different itineraries by different travel agencies • Study of blogs and tourism board policies for different destinations through case study 	15 hrs
	5	<ul style="list-style-type: none"> • Destination Profiling on internet • Profiling of different customers 	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM306
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM401
Course Title: Research Methodology
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6			
SEMESTER IV			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM401		Research Methodology	04 / 60
	1	<ul style="list-style-type: none"> • Meaning, objectives and significance of research, types of research, research process. • Tourism research • Challenges and status of Tourism research in India. 	10 hrs
	2	Research process: <ul style="list-style-type: none"> • Topic selection and topic overview • Preparing purpose statement, research questions, and thesis statement • Outlining topics and sub-topics - Citing & referencing sources 	15 hrs
	3	<ul style="list-style-type: none"> • Common research methods • Case studies - Choosing the most appropriate method(s) 	10 hrs
	4	<ul style="list-style-type: none"> • Data processing • Data analysis • Qualitative data analysis • Interpreting data • Presenting data 	15 hrs
	5	Report writing and presentation: <ul style="list-style-type: none"> • Structure and Steps of Preparing Research Proposal 	10 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

1. 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
2. 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM401
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM402
Course Title: GK & Current Affairs
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6			
SEMESTER IV			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM402		GK & Current Affairs	04 / 60
	<ul style="list-style-type: none"> • This paper aims to acquaint students with general knowledge, factual information and engender a spirit of political, economic and social awareness by studying current affairs. • Lectures will be conducted in the form of group discussions, viewing and discussing informational websites, videos, reading newspaper articles and interpreting them. 		

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question 1 Compulsory Any 2 out of 3 from Questions 2 to 5	Marks	
Q.1	20 MCQs (Compulsory)	20	RUVTTM402
Q.2	Subjective/Analytical/ Interpretative / Personal response question	10	
Q.3	Subjective/Analytical/ Interpretative / Personal response question	10	
Q.4.	Subjective/Analytical/ Interpretative / Personal response question	10	

Course Code: SYBVOC TTM – RUVTTM403
Course Title: Business Communication Skills
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6
SEMESTER IV

Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM403		Business Communication Skills	04 / 60
	1	Written business communication: <ul style="list-style-type: none"> • Business letters • Writing effective memos • Business reports & Proposals Digital media in Business promotion: <ul style="list-style-type: none"> • Website designing and online promotions 	10 hrs
	2	Resume building <ul style="list-style-type: none"> • Writing Application Letters • Interview skills and related communication 	15 hrs
	3	Introduction to Personality Development: <ul style="list-style-type: none"> • Elements of a Good Personality • Importance of Soft Skills • Introduction to Corporate Culture • Professionalism in Service Industry • Group discussions – structure and types, Mock GD using video samples. 	10 hrs
	4	Smart Language Lab: <ul style="list-style-type: none"> • Personal grooming and business etiquettes • Telephone etiquette • Role play and body language • Team Building – Interpersonal Effectiveness. 	15 hrs
	5	<ul style="list-style-type: none"> • Cross Cultural Communication: Understanding Cultural and Business Protocol differences across countries 	10 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

1. 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
2. 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM403
Q.2		10	
Q.3		10	
Q.4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM403
Course Title: Basics of Travel Technology - I
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6 SEMESTER IV			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM404	Basics of Travel Technology - I		06 / 75
	1	<ul style="list-style-type: none"> • Role of GDS and basic functions of GDS • GDS atlas and its uses 	15 hrs
	2	<ul style="list-style-type: none"> • Numerals associated with PNR creation • Basic PNR creation • Terminologies related to the system • Concept of fares in correlation with child infant • SSR: Meal requests, wheel chair, different requests by agents 	15 hrs
	3	<ul style="list-style-type: none"> • OSI filed • Remarks and its importance in PNR creation • important entries 	15 hrs
	4	<ul style="list-style-type: none"> • Importance of Queues • Important pages, Passport entries • division of a PNR • Emailing an itinerary through the system • Frequent flyer number 	15 hrs
	5	<ul style="list-style-type: none"> • Fare Quote basic understanding 	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM404
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: SYBVOC TTM – RUVTTM405
Course Title: Internship and Viva Voce
Academic year 2022-23

Year-2 Advanced Diploma NSQF Level 6			
SEMESTER IV			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM405		Internship and Viva Voce	12 / 04
		<p>This paper is composed of a one-trimester internship (04 months training program) where students gain hands - on experience in the tourism industry in consultation with an assigned advisor.</p> <p>Organisations accepting interns, conduct performance appraisals to evaluate performance of student interns after completion of the internship.</p> <p>Student interns submit the reports as mentioned in the work book and the log book after completion of the internship. Individual work, performance and learning outcomes along with certifications shall be used to assess and evaluate candidates at different levels during four months</p>	months / 120 days

Course Code: TYBVOC TTM – RUVTTM501
Course Title: Basics of Accounts
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7			
SEMESTER V			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM501		Basics of Accounts	04 / 60
	1	Basic Accounting terms • Transactions, Types of Accounts , Accounting Process	10 hrs
	2	• Books of original entry, Subsidiary Book • Ledger Accounts	10 hrs
	3	• Primary financial statements-I • Sales/Revenue, Profit and Loss Appropriation Account-meaning	15 hrs
	4	• Balance sheet • Introduction to Assets and Liabilities • Capital - Types of Share capital, Types of Shares • Reserves and Surplus • Net worth –meaning and importance -Importance of balance sheet •	10 hrs
	5	Primary financial statements-III • Statement of Cash flow – meaning- importance • Statement of Working Capital • Ratio Analysis	15 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM501
Q.2		10	
Q.3		10	
Q.4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM502
Course Title: Event Management
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7 SEMESTER V			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM502		Event Management	04 / 60
	1	Introduction to Events: <ul style="list-style-type: none"> • Scope, Nature and Importance • Types of Events • Practices in Event Management - Key steps to a successful event 	10 hrs
	2	Event management careers: <ul style="list-style-type: none"> • Specialized Career Paths In Event Management • Profiles Of Professionals 	10 hrs
	3	Event Planning and organizing : <ul style="list-style-type: none"> • Site planning, operations and logistics • Planning For “Green” And Sustainable Events • Organizational Structures For Events • Acquiring resources and financial management 	15 hrs
	4	Market research – understanding the customer <ul style="list-style-type: none"> • Why Do people Attend Events? • Consumer Research on Events • 	10 hrs
	5	Evaluation and impact assessment <ul style="list-style-type: none"> • Evaluation Concepts and Methods • Economic Impact Measurement and Evaluation • Evaluation of Overall Costs and Benefits 	15 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

The students organize and manage formal event for more than 150 participants. Grading is done on the basis of theme selection, planning, organizing and execution and feedback of the event. Guest speakers are invited and activities like PR, Marketing, Hospitality, Accounting are solely handled by students and supervised by the faculty.

B) External Examination (60%)

Semester End Theory Examination:

1. 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
2. 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM502
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM503
Course Title: Introduction to Retail & Sales Management
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7 SEMESTER V			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM503		Introduction to Retail & Sales Management	04 / 60
	1	<ul style="list-style-type: none"> • Introduction to Retailing and Sales Management • Formats of Retailing 	10 hrs
	2	Retail planning and development: <ul style="list-style-type: none"> • Understanding the Retail Customer • Strategic Retail Planning Process 	10 hrs
	3	<ul style="list-style-type: none"> • Evolution of Professional Sales • Sales Strategies • Staffing Options • Motivation- an important element for Sales • Sales Forecasting 	15 hrs
	4	<ul style="list-style-type: none"> • Sales Presentation Techniques • Emerging Trends in Sales Management 	10 hrs
	5	<ul style="list-style-type: none"> • CRM–Customer Relationship Marketing • Monitoring and Controlling Sales 	15 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM503
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM503
Course Title: Research Based Paper
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7			
SEMESTER V			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
		Research Based Paper	06 / 90
RUVTTM504		<p>The students will undertake the project work on the topic mutually discussed by the students and the faculty.</p> <p>The topic can be on the various issues, problems, themes, case studies, and tourism organization study, introduction of a new concept in tourism as start-up, field survey and relevant aspects pertaining to the tourism industry.</p> <p>The final analysis will be an outcome of field enquiry and data analysis as well as review of the existing literature in the particular area of study</p> <p>Each student will have to submit the project undertaken in a period of six weeks.</p> <p>The students will have to appear before a board of examiners constituted for the purpose of conducting viva voce.</p> <p>The Final assessment will be of 100 marks which would be assessed by the Internal Guide (60 marks) and External Expert (40 marks).</p> <p>Grading shall depend upon continuous evaluation, final presentation and panel interview process.</p>	

Modality of Assessment

The students will appear before a Board of Examiners from the industry / academia constituted for the purpose of conducting viva voce.

The **Final assessment will be of 100 marks** which would be assessed by **the Internal Guide (60 marks)** and **External Expert (40 marks)**.

Grading shall depend upon continuous evaluation, final presentation and panel interview process.

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type	Marks
1	Continuous evaluation done through feedback sessions.	20
2	Questionnaire and attestation from the industry.	20
TOTAL		40

B) External Examination (60%)

Sr. No.	Evaluation type	Marks
1	Black Book	20
2	External Panel Interview	40
TOTAL		60

Course Code: TYBVOC TTM – RUVTTM505
Course Title: Basics of Travel Technology II
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7 SEMESTER V			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM505	Basics of Travel Technology II		06 / 75
	1	<ul style="list-style-type: none"> • Understanding different routings and terminologies of advanced fares • Basics of a Fare quote 	15 hrs
	2	<ul style="list-style-type: none"> • Understanding entries of a fare quote and rule displays • Taxation policy • Booking designators 	15 hrs
	3	<ul style="list-style-type: none"> • Pricing of an itinerary • Segment association required for pricing • Storing fares and Bargain Finders 	15 hrs
	4	<ul style="list-style-type: none"> • Evaluating BSP rules and regulations • Understanding concept of group bookings • Different types of Ticketing, 	15 hrs
	5	<ul style="list-style-type: none"> • Concept of Inventory management for the airlines and learning brief on line documentation required for international travel 	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

(Remaining 15 hours for tutorials)

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM505
Q.2		10	
Q.3		10	
Q.4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM506
Course Title: International Tour Planning
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7 SEMESTER V			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM506		International Tour Planning	06 / 75
	1	<ul style="list-style-type: none"> • Travel Agency and its functions • Tour operators • Logistics to be handled for international tours 	15 hrs
	2	<ul style="list-style-type: none"> • Administration of company operations, planning and controlling of financial operations • Understanding the organizational concepts, budget and standard procedures and rules • Financial analysis and budget 	15 hrs
	3	<ul style="list-style-type: none"> • Preparing itinerary and Costing the itinerary (GIT and FIT) Day wise and city wise (international only) • Computing costs and mark up to earn profits 	15 hrs
	4	<ul style="list-style-type: none"> • Comparative study of different products for the same destination • Importance of blogs for destination promotion 	15 hrs
	5	<ul style="list-style-type: none"> • Manage clients and develop business • Communication with customers and colleagues, 	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM506
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM601
Course Title: Introduction to Indian Sociology
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7			
SEMESTER VI			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM601		Introduction to Indian Sociology	04 / 60
	1	<ul style="list-style-type: none"> • Nature of Sociology: concept and definition, scope • Uses of Sociology 	15 hrs
	2	Introduction to Indian Society: <ul style="list-style-type: none"> • Tribal, Rural and Urban communities • Social institutions in India - Caste, family, marriage 	10 hrs
	3	Social changes: <ul style="list-style-type: none"> • Industrialization, Westernization, Urbanisation, Modernisation, Democratization 	10 hrs
	4	Major Social Challenges in India <ul style="list-style-type: none"> • Unemployment Population and Human Resource skilling • Health and emerging trends in Medical tourism • Gender sensitivity in the tourism and travel industry 	10 hrs
	5	Tourism Sociology: <ul style="list-style-type: none"> • Influence of Indian social structure on travel motivations of tourists • Social mobility and changing travel space: Globalisation, 	15 hrs

		Digitalisation and advancement in travel technology.	
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Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM601
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM602
Course Title: Fundamentals of Public Relations
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7 SEMESTER VI			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM602		Fundamentals of Public Relations	04 / 60
	1	<ul style="list-style-type: none"> Public Relations – concept, definition Scope and Functions Organisation of P.R. for Corporates 	15 hrs
	2	<ul style="list-style-type: none"> Selection, Development, Training of P.R. Personnel Important etiquettes and body language of P.R. personnel 	10 hrs
	3	Public relations strategy: <ul style="list-style-type: none"> Marketing Damage control Public meetings and event management 	10 hrs
	4	P.R. Communication: <ul style="list-style-type: none"> Process for customer care Electronic media coverage Sales promotion, trade fairs Feedback analysis, Information management 	10 hrs
	5	<ul style="list-style-type: none"> Ethics, morals and values in P.R. - Selection and importance of Brand Ambassadors, Outsourcing P.R. 	15 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM602
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM603

**Course Title: Environmental Awareness and Sustainable Development
 Academic year 2022-23**

Year-3 B. Voc. NSQF Level 7 SEMESTER VI			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM603		Environmental Awareness and Sustainable Development	04 / 60
	1	<ul style="list-style-type: none"> Definitions, components of environment Types of environment 	15 hrs
	2	<ul style="list-style-type: none"> Environmental Pollution and depletion of ozone layer with special reference to tourism activities Biological diversity and Tourism World Summit on Sustainable Development and Tourism 	10 hrs
	3	Ecotourism: <ul style="list-style-type: none"> Social and ecological impacts of tourism & Definition of ecotourism Ecotourism Resources 	10 hrs
	4	<ul style="list-style-type: none"> Eco-tourism Planning and development strategies: Knowledge, skills, attitude and commitment of ecotourism service providers 	10 hrs
	5	Ecotourism practices: <ul style="list-style-type: none"> The ecotourists (types, and code of ethics) Role of Eco tourism in WTO, UNDP, UNEP, Ministry of Tourism GOI 	15 hrs

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM603
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM604
Course Title: Marketing and Digitization in Tourism
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7			
SEMESTER VI			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM604		Marketing and Digitization in Tourism	06 / 75
	1	<ul style="list-style-type: none"> • Definition, Scope and Importance of Tourism Marketing, Marketing Segmentation • Product marketing vs Service Marketing 	15 hrs
	2	<ul style="list-style-type: none"> • Marketing Cycle, Marketing mix, Marketing of Services, Types of Marketing, Promotions, PR, Selling techniques, advertising and branding, TA fairs • Role of govt and Private agencies in Marketing 	15 hrs
	3	<ul style="list-style-type: none"> • Electronic Marketing - benefits and demerits • Types of Electronic Marketing 	15 hrs
	4	<ul style="list-style-type: none"> • Evolution of Hospitality Services: Meaning & Nature of Hospitality • Features of Hospitality Services, Structure of Accommodation, Industry, • Operation of Accommodation Units • 	15 hrs
	5	<ul style="list-style-type: none"> • Trends in Hospitality Industry – Tourism and Hospitality as sister concerns • Handling emergency and awkward situations in a hotel 	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

1. 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
2. 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM604
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM605

**Course Title: Entrepreneurship and
 Start up Management
 Academic year 2022-23**

Year-3 B. Voc. NSQF Level 7 SEMESTER VI			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM605		Entrepreneurship and Start up Management	06 / 75
	1	<ul style="list-style-type: none"> • Entrepreneur & Entrepreneurship: Definition, concept and need of entrepreneurship development • Significance of the growth of entrepreneurship 	15 hrs
	2	<ul style="list-style-type: none"> • Ownership structure and organizational framework of small scale enterprises in Tourism • Theories of entrepreneurship • Influences of Entrepreneurship Development 	15 hrs
	3	<ul style="list-style-type: none"> • Classification of Entrepreneurs • Entrepreneurship project development and business plan • Business Planning process 	15 hrs
	4	<ul style="list-style-type: none"> • Managing family enterprises in Tourism industry • Venture Development • New Trends in Entrepreneurship 	15 hrs
	5	<ul style="list-style-type: none"> • Promotional agencies for SMEs in India Opportunity Identification • Business Plan • Feasibility Report • Funding options 	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM605
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	

Course Code: TYBVOC TTM – RUVTTM606
Course Title: Corporate Analysis and Company Culture
Academic year 2022-23

Year-3 B. Voc. NSQF Level 7 SEMESTER VI			
Course Code/ Unit	Unit	Course/ Unit Title	Credits/ Lectures
RUVTTM606		Corporate Analysis and Company Culture	06 / 75
	1	<ul style="list-style-type: none"> Introduction to corporate sectors with special focus on tourism industry 	15 hrs
	2	<ul style="list-style-type: none"> Organization of Departments Evaluate the importance of a Company, its vision, 	15 hrs

		mission, and brand essence and its role	
	3	<ul style="list-style-type: none"> Understand the success of businesses Communication strategies Describe productivity and its significance successful business Demonstrate mastery of concepts discussed in class through case studies Evaluate the impact of competition, service, and global expansion 	15 hrs
	4	<ul style="list-style-type: none"> Introduction to Time Management Importance and Need Steps towards better time management 	15 hrs
	5	<ul style="list-style-type: none"> Interpersonal relationships Stress and Impacts Skills required at managerial level 	15 hrs

(Remaining 15 hours for tutorials)

Modality of Assessment

Theory Examination Pattern:

A) Internal Assessment (40%)

Sr. No.	Evaluation type
1	Class assignments
2	Preparation of presentation, reports, posters etc.
3	Surprise test (Short answer, MCQs etc.)
4	Submission and Viva Voce
5	Group Discussion or Debate

B) External Examination (60%)

Semester End Theory Examination:

- 20 marks practical on concept-based learning taught in the subject via presentation and viva OR submission and viva to be graded by the external examiner from the industry with good corporate and work experience in the field.
- 40 Marks written examination. These examinations shall be of **1 ½ Hr (for 40 marks)**

Theory question paper pattern:

Paper Pattern for 40 marks Question paper:

Question No	Question – Answer any 4 out of 5	Marks	
Q.1		10	RUVTTM606
Q.2		10	
Q.3		10	
Q4.		10	
Q5.	Short Notes (Any two)	10	
