

Course Title	Credit	Minimum weeks per Week (15 hours)
Vedic Maths-1	02	Course Category: VAC
Unit-1	Vedic Maths- High Speed Addition and Subtraction <ul style="list-style-type: none"> <li>• Vedic Maths : History of Vedic Maths and its Features</li> <li>• Vedic Maths formulae: Sutras and Upsutras</li> <li>• Addition in Vedic Maths: Without carrying, Dot Method</li> <li>• Subtraction in Vedic Maths: Nikhilam Navatashcaramam Dashatah (All from 9 last from 10)</li> <li>• Fraction -Addition and Subtraction</li> </ul>	
Unit-2	Vedic Maths- Miracle Multiplication and Excellent Division <ul style="list-style-type: none"> <li>• Multiplication in Vedic Maths: Base Method (any two numbers upto three digits)</li> <li>• Multiplication by Urdhva Tiryak Sutra</li> <li>• Miracle multiplication: Any three-digit number by series of 1's and 9's</li> <li>• Division by Urdhva Tiryak Sutra (Vinculum method)</li> </ul>	
Unit-3	Vedic Maths-Lightening Squares and Rapid Cubes <ul style="list-style-type: none"> <li>• Squares of any two-digit numbers: Base method</li> <li>• Square of numbers ending in 5: Ekadhikena Purvena Sutra</li> <li>• Easy square roots: Dwandwa Yoga (duplex) Sutra</li> <li>• Square root of 2: Baudhayana Shulbasutra</li> <li>• Cubing: Yavadunam Sutra</li> </ul>	
Unit-4	Vedic Maths-Enlighten Algebra and Geometry <ul style="list-style-type: none"> <li>• Factoring Quadratic equation: Anurupyena, Adyamadyenantyamanty Sutra</li> <li>• Concept of Baudhayana (Pythagoras) Theorem</li> <li>• Circling a square: Baudhayana Shulbasutra</li> <li>• Concept of pi: Baudhayana Shulbasutra</li> <li>• Concept angle (8) 0o, 300, 450, 600 and 900: Baudhayana number</li> </ul>	
References:		



### Structure of Course Examination

Evaluation for each course shall be done by a Continuous and Comprehensive Evaluation (CCE) by the concerned course teacher as well as by an end semester examination and will be consolidated at the end of the course. The components for continuous internal assessment are:

#### Internal Evaluation System

<b>Internal Tests</b>	<b>15 Marks</b>
Class participation / Case analysis and presentation/ assignment, tutorials/ slip tests (announced/ surprised), quizzes etc.	<b>10 Marks</b>
<b>Total</b>	<b>25 Marks</b>

Component, the end semester examination, which will be a written-type examination of at least 2:00 hours duration. , would also form an integral component to the evaluation. The ratio of marks to be allotted to Continuous and Comprehensive Evaluation (CCE) and to end semester examination is 50 : 50.

- Total Marks of University assessment are 25 : MCQ (1 marks each question)



Course Title	Credit	Minimum weeks per Week (15 hours)
Indian Constitution-2	02	Course Category: VAC
Unit-1	<p>Chapter 1: Philosophical and Political foundations of India: Dharmā and Danda, Buddhist, liberal (Raja Rammohun Roy) and Subaltern (Ranajit Guha)* Colonial impact on Indian society,** Nationalist perspective (Swamy Vivekananda and Sri Aurobindo).</p> <p>Chapter 2: Political values and Ideals during freedom struggle: Non Violence, Tolerance, Satyagraha and Swadeshi (Gandhi), Swarajya (Tilak), Integral Humanism (Deen Dayal Upadhyay) and Voluntarism (Vinoba Bhave).</p>	
Unit-2	<p>Chapter 3: Political Contribution of Regional freedom struggle: Kittur Rani Chennamma, Hardekar Manjappa, Madikeri Peasants, Halagali Bedas.</p> <p>Chapter- 4: Historical background of Constitutional development in India - Developments between 1857 to 1952 (only Acts during this period must be taught), Composition and debates of Constituent Assembly (in brief), working of committees.</p>	
References:	<ul style="list-style-type: none"> <li>- Aiyangar K.R. 1941. "Ancient Indian Polity". Oriental Bokks Agency. Poona.</li> <li>- Altekar A.S. 1949. "State and Government in Ancient India". Motilal Banarsidass Chowk, Banaras</li> <li>- Andre Beteille, 1965. Caste, class, and Power. Berkley: University of California Press.</li> </ul>	

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Course Title	Credit	Minimum weeks per Week (15 hours)
Rural Marketing	02	Course Category: VAC
Unit-1	Nature, characteristics, opportunities and challenges to rural market in India; Rural marketing environment; Rural marketing research; Rural consumer behavior; Segmenting rural markets; Rural marketing strategies; Rural market vs. urban market; New Product development for the rural market.	
Unit-2	Rural marketing mix; Media planning for rural markets; Personal selling in rural market; Marketing of consumer durables and non durables; Marketing of agricultural produce; Role of information technology in rural markets.	
References:	<p>Badi, R.V and Badi, N.V: Rural Marketing, Himalaya Publishing House, New Delhi.</p> <p>Dogra Balram and Ghuman Karminnder: Rural Marketing, Tata McGraw Hill New Delhi.</p> <p>Gopaldaswamy, T.P: Rural Marketing, Wheeler Publisher, New Delhi.</p> <p>Gupta, S.L: Rural Marketing, Wisdom Publication, New Delhi.</p> <p>Krishnamacharylu, C.S.G and Ramakrishnan Lalitha: Rural Marketing, Pearson Education, New Delhi.</p> <p>Rajagopal: Rural Marketing Management, Discovery Publication House, New Delhi.</p> <p>Singh, Sukhpal: Rural Marketing Management, Vikas Publishing House, New Delhi.</p>	



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Course Title	Credit	Minimum weeks per Week (15 hours)
Aptitude and Attitude Building	02	Course Category: VAC
Unit-1	Introduction of Quantitative Skills  Logarithm, Permutation Combination, Probability, Profit & Loss, Simple & Compound interest, Time, Speed and Distance Ratio and Proportion	
Unit-2	Data Interpretations Data Interpretations with various charts and graphs Tables, Column graphs, bar graphs, Line charts and pie charts	
Unit-3	Introduction to Attitude and behaviour Meaning, significance and component of attitude Personality types and meaning Resume Writing, GD & PI Practical Session	
References:	A Modern Approach To Verbal & Non Verbal Reasoning By R S Agarwal Analytical and Logical reasoning By SijWali B S New Delhi.	

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Course Title	Credit	Minimum weeks per Week (15 hours)
Elementary of First-Aid and Health	02	Course Category: VAC
Unit-1	<p><b>Definition and Importance of First Aid:</b> Understanding the concept of first aid and its significance in emergency situations. Exploring the goals and objectives of first aid interventions.</p> <p><b>Primary Responsibilities of a First Aider:</b> Identifying the roles and responsibilities of individuals providing first aid. Understanding the importance of prompt action, assessment, and communication in first aid situations.</p> <p><b>Emergency Action Principles:</b> Introducing the principles of emergency action, including the (Airway, Breathing, Circulation) of first aid. Discussing the steps to take when encountering an emergency situation.</p>	
Unit-2	<p><b>Safety Precautions and Scene Assessment:</b> Exploring safety measures to ensure the well-being of both the first aider and the victim. Discussing techniques for assessing the scene of an emergency, including potential hazards and risks. Understanding how knowledge of anatomy and physiology informs first aid interventions.</p> <p><b>Common Injuries and Medical Emergencies:</b> Identifying common injuries and medical conditions that may require first aid intervention. Discussing signs, symptoms, and appropriate first aid responses for each condition.</p> <p><b>Basic First Aid Techniques:</b> Demonstrating basic first aid techniques, such as bandaging, splinting, and wound care. Providing hands-on training in cardiopulmonary resuscitation (CPR) and</p>	



	automated external defibrillator (AED) use.
<b>References:</b>	<ol style="list-style-type: none"> <li>1 First Aid Manual: The Step-by-Step Guide for Everyone” by the British Red Cross Society, St John Ambulance, and the St Andrew’s First Aid:</li> <li>2. First Aid, CPR, and AED” by the American Academy of Orthopaedic Surgeons (AAOS):</li> <li>3. The Complete First Aid Pocket Guide: Step-by-Step Treatment for All of Your Medical Emergencies Including” by John Furst:</li> <li>4. First Aid: When Minutes Count” by the American College of Emergency Physicians (ACEP):</li> <li>5. Basic Life Support (BLS) Provider Manual” by the American Heart Association (AHA)</li> <li>6. First Aid for the USMLE Step 1” by Tao Le and Vikas Bhushan:</li> </ol>

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