

Sant Gadge Baba Amravti University Amravati

Faculty - Humanities / विद्याशाखा - मानवविज्ञान

Syllabus

B. A. Semester- IV (NEP)

Value Education Course (VEC)

Course Code: 751205

Course Title: VEC-II (A) Digital Technological Solutions

Semester	Level	Vertical Type	Course code	Course Title	Learning Hours	Credits	Teaching Hours (per week)	Total Teaching Hours	Exam Type & Marks
B. A. Semester - IV	5.0	VEC-II (A)	751205	(VEC)-II (A) Digital Technological Solutions	1	1	1	15	Total 25 Marks Class Test 15 Marks Internal - 10 Marks

Course Objectives :	<ol style="list-style-type: none">1. To Make student aware of the major contribution of India to world civilization in the field of Science and Technology2. To create sustainable lifestyle and awareness on various issues3. To accomplish familiarity with digital technology4. To sensitize about role & significance of digital technology5. To explore, communicate and collaborate in cyberspace6. To bring awareness about the e-governance and digital India initiatives To build awareness on cybersafety and security		
Course Outcomes	By the end of this course, students will be able to: <ol style="list-style-type: none">1. Manage ICT and Digital Services in daily life2. Develop skills to communicate and collaborate in cyberspace using social platforms, teaching/learning tools3. Realize of importance of digital technology, digital financial tools, e-commerce4. Assess the significance of security and privacy in the digital world Value e-governance and Digital India initiatives		
Unit System	Contents	Workload Allotted	Weightage of Marks Allotted
Unit I	India and Evolution of Digital System <ol style="list-style-type: none">i. Role and Significance of Digital Technologyii. Information & Communication Technology & Toolsiii. Electronic Communication: electronic mail, blogs, social mediaiv. Internet: concept and application	5 Hrs	5 Marks

Unit II	Computer based information system i. E-commerce and Digital Marketing ii. Digital India and E-governance; initiative, infrastructure, services and empowerment iii. Digital Financial tools: Unified payment interface, aadhar enabled payment system, Credit / debit card, e-wallets, internet banking, online payment and pos iv. Cyber Security: Threats, significance, challenges, precautions, safety measures and tools.	5 Hrs	5 Marks
Unit III	Emerging Technology and their application i. Overview of cloud computing, ii. Virtual reality iii. Artificial Intelligence iv. Future of digital Technologies	5 Hrs	5 Marks
	Total	15 Hours	15 Marks
Distribution of Marks /Internal Assessment:			
1)Assignment -			10 Marks
2)Class Test			15 Marks
Note for Internal Assessment:- Assignment shall be based on prescribed syllabus with minimum 8-10 pages. Class Test - Type MCQs or Short Answer			

References:

1. David Sutton. "Cyber security: A practitioner's guide", BCS Learning & Development Limited, UK, 2017.
2. <https://www.cybercrime.gov.in>
3. <https://www.cybersafeindia.in>
4. <https://www.digitalindia.gov.in>
5. <https://www.digilocker.gov.in>
6. <https://www.meity.gov.in/cyber-surakshit-bharat-programme>
7. <https://www.mha.gov.in/document/downloads/cyber-safety-handbook>
Introduction". Routledge Books, 2nd edition, 2021.
8. Kaul, S.N. and Ashutosh Gautam. 2002. Principles of Environmental Studies. Daya Publishing house, New Delhi.
9. Manoharachary, C. and P. Jayaramareddy 2009. Principles of environmental studies (ecology, economics, management and law), BS publications, Hyderabad.
10. Rodney Jones and Christoph Hafner.2021, "Understanding digital literacies: A practical, Routledge.

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