

**कार्यालय, प्राचार्य, स्वर्गीय राजेश पायलट राजकीय स्नातकोत्तर महाविद्यालय,
बाँदीकुई**

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Key Indicator- 1.3 Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

CLASS	SUBJECT	UNIT	TOPIC COVERING
ENVIRONMENTAL SUSTAINABILITY			
BA. I	EN. STUDY	1	The Multidisciplinary nature of environmental studies Definition, scope and importance- Relationship between Environmental Studies and other branches of science and social sciences. Need for Environmental awareness, Environmental education in present day context.
		2	Natural Resources and Challenges a. Natural resources and associated problems, Classification of resources: renewable resources, non-renewable resources, classes of earth resources, resources regions Definition and criteria, resource conservation. b. Forest resources: Use and over- exploitation, deforestation, case studies Timber extraction, mining, dams and their effects on forest and tribal people c. Water resources: Use and over-utilization of surface and groundwater, floods, drought conflicts over water, dams-benefits and problems d. Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies. e. Food resources World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticides problems, water logging, salinity, case studies f Energy resources Growing energy need, renewable and non-renewable energy sources, use of alternate energy sources. Case studies. g. Land resources: Land as a resource, Land degradation man induced Landslides, soil erosion and desertification. <ul style="list-style-type: none"> • Role of an individual in conservation of natural resources • Equitable use of resources for sustainable lifestyles.

		3	<p>Ecosystems, Concepts, Structure, Functions and Types</p> <ul style="list-style-type: none"> • Concept of an ecosystem • Structure and function of an ecosystem • Producers, consumers and decomposers • Energy flow in the ecosystem • Ecological succession • Food chains, food webs and ecological pyramids • Introduction, types characteristics features, structure and following ecosystem: <p>a. Forest ecosystem, Tropical Temperate and Alpine Ecosystem b. Grassland ecosystem and Their Types c. Desert ecosystem with emphasis on Thar Desert d. Aquatic ecosystems(ponds, streams, lakes, rivers, oceans, estuaries) and Wet Lands</p>
		4	<p>Biodiversity and its conservation</p> <ul style="list-style-type: none"> • Introduction-Definition, genetic, species and ecosystem diversity • Biogeographically classification of India • Value of biodiversity : consumptive use, productive use, social ethical, aesthetic and option values • Biodiversity at global, National and local level • India as a mega-diversity nation • Hot-spot of biodiversity • Threats to biodiversity habitat loss, poaching of wildlife, man-wildlife conflicts • Endangered, Threatened and endemic species of India • Conservation of biodiversity In-situ and Ex-situ conservation of biodiversity • Red Data Book
		5	<p>Environmental Pollution and Control Measures</p> <p>Definition</p> <p>Causes, effects and control measures of:</p> <p>a)Air Pollution b) Water Pollution c) Soil Pollution d) Marine Pollution e) Noise Pollution f)Thermal Pollution g) Nuclear Hazards</p> <ul style="list-style-type: none"> • Solid waste management" Causes, effects and control measures of urban and industrial wastes • Role of an individual in prevention of pollution • Pollution case studies • Disaster management: floods earthquake, cyclone and landslides

		6	<p>Social issues, Environment, Laws and Sustainability</p> <ul style="list-style-type: none"> • From Unsustainable to Sustainable development • Urban problems related to energy • Water conservation, rain water harvesting, watershed management • Resettlement and rehabilitation of people; its problems and concerns. Case studies • Environmental ethics: Issues and possible solution. • Climate change, global warming, acid rain ozone layer depletion, nuclear accidents and holocaust. Case studies • Wasteland reclamation • Consumerism and waste product. • Environmental Protection Act. • Air (Prevention and Control of Pollution)Act • Wild life protection Act • Forest Conservation Act • Biological Diversity Act • Issues involved in enforcement of environmental legislation • Public Awareness.
		7	<p>Human Population and the Environment</p> <ul style="list-style-type: none"> • Population growth, variation among nations • Population explosion-Family Welfare Programme • Environment and Human health • Human Rights • Value Education • HIV/AIDS • Women and Child Welfare • Role of Information Technology in Environment and human health • Case Studies
BA 1	GEOG -1	1	Physical geography , definition scope and development of physical geography
		2	Composition and structure of the atmosphere
	GEOG - 2	1	Geography of Rajasthan
		2	Physical aspects of Rajasthan
		3	Cultural and development aspects
BA II	GEOG- 1	1	Human recourse population growth
			Concept of recourse utilization their conservational environmental
B.A. II	SOCIO	1	Sociology of village
		2	Family caste kinship and fender religion

ETHICS			
BA . I	SANS	1	स्वप्नासदत्तम् (भास)
		2	नीतिशतकम् (भर्तृहरि)
BA II		1	भारतीय संस्कृति के तत्व वर्षा आश्रम संस्कार, मानव कल्याण , भारतीय दर्शन
BA. III		1	भारतीय दर्शन एवं व्याकरणए श्रीमद्भागवद्गीता एवं भारतीय दर्शन
		2	महाभारत (व्यास)
		3	रामायण (वाल्मीकि)
BA. I	POL. SC	1	व्यवहारवाद, उत्तरव्यवहारवाद शक्ति, सत्ता वैधता
		2	विधि का शासन संविधानवाद लोकतंत्र राजनीति विकास
		3	राजनीति विचारधाराएं लोकतान्त्रिक समाजवाद, अराजकतावाद
BA. II	SOCIO.	1	Family marriage and kinship caste and class
		2	Corruption drug abuse
HUMAN VALUES			
BA . I	SANS	2	भारतीय संस्कृति के तत्व शिक्षा, लेखन कला , मानव कल्याण
BA. I	EN. STUDY	7	HUMAN RIGHT AND EMPOWERMENT
BA . I	HIST. 2	2	1 राजस्थान में मुस्लिम आक्रमण का राजपूत प्रतिरोध 2 महाराणा प्रताप का स्वतंत्रता के लिए संघर्ष
		3	1 राजस्थान में कृषक एवं जनजाति आन्दोलन 2 राजस्थान में प्रजामंडलों का गठन एवं स्वाधीनता संघर्ष
BA. I	ECO -2	1	Population policy, human resource development food security
		2	Services sector in India, IT Education and health
		3	Planning in India, NITI national development agenda problem of poverty unemployment inflation and regional inequalities
BA. II	HIST -1	1	मध्यकालीन भारत का इतिहास
		3	मध्यकालीन समाज सामाजिक वर्ग उलेमा कुलीन वर्ग, कृषक वर्ग, दास प्रथा
BA. II	POL. SC-2	2	मौलिक अधिकार, राष्ट्रीय मानवाधिकार, जनहित याचिका
BA.II	GEOG	1	Nature scope and significance of resources geography
GENDER			
BA.I	HINDI LIT.	1	ढोला मारु रा दोहा- सम्पादक नरोत्तम दास स्वामी
		3	बीसलदेव रोसों – सम्पादक बृजनारायण पुरोहित
BA. I	HIST-1	1	भारत की प्रागैतिहासिक संस्कृतियों का संक्षिप्त सर्वेक्षण वैदिक काल में महिलाओं की स्थिति एवं योगदान
		2	मौर्य काल एवं मौर्योत्तर काल में महिलाओं की सामाजिक आर्थिक एवं धार्मिक जीवन तथा साहित्य एवं कलाओं में योगदान
		3	गुप्त काल में महिलाओं के सामाजिक एवं आर्थिक जीवन में परिवर्तनों का अध्ययन
BA. I	HIST-2	2	1 प्रजामण्डल आन्दोलन में महिलाओं का योगदान 2 कन्या- शिशु वध एवं सती प्रतिबंध
BA. I	POL. SC -1	2	राजनीति विचारधारा नारीवाद
BA. I	SOCIO -2	3	Crime against women and children
BA. I	GEOG -2	3	Rajasthan Geography. Male and female population
BA. II	HIST -1	2	मुगल काल में प्रशासक के रूप में महिलाओं की भूमिका, मुगल राजनीति में नुरजहाँ ' जुन्ता' की भूमिका
		3	मध्यकाल में महिलाओं की स्थिति

BA. III	HIST -2	1	1857 के स्वतंत्रता संग्राम में महिलाओं का योगदान
		3	राष्ट्रीय आन्दोलन में महिलाओं की भूमिका
HUMAN AND EMPOWERMENT			
BA. III	HIST -1	1	1857 का स्वतंत्रता संग्राम
		2	ब्रिटीश काल में भारतीय समाज की स्थिति
		3	भारतीय राष्ट्रीय आन्दोलन, स्वतंत्र भारत की प्रगति एवं परिदृश्य स्वतंत्र भारत की विदेश नीति
BA. III	ECO -1	2	Economic growth and development
	ECO -2	1	Position of rajasthan in Indian economy natural resources Human resources in Rajasthan
		3	Economics planning and development



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