



SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Podar Educational Campus, Nawalgarh - 333042 (Raj.)

Website: www.podarcollege.com

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List and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

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Environment and Sustainability into the Curriculum**

Gender

Name of Program	Name of Course	Description	Syllabus Link
B.A.	B.A.I History P-II	Social changes - Prohibition of Female Infanticide and Sati	Link
B.A.	B.A.-I Sociology P-II	Crime against women & children	Link
B.A.	B.A.-I Political Science P-I	Feminism	Link
B.A.	B.A.-I Political Science P-II	Raja Rammohan Ray	Link
B.A.	B.A.-III Political Science P-II	Gender Justice	Link
B.A.	B.A.-III Sociology P-II	Gender (development, inequalities)	Link

Environment and Sustainability

Name of Program	Name of Course	Description	Syllabus Link
B.Sc. Biology	B.Sc. III (Biology) Botany P-II Ecology & Economic Botany	<ul style="list-style-type: none"> Plants and Environment Environmental protection act Community Ecological succession Ecosystem Biogeochemical Cycle 	Link
M.Sc. Botany	M.Sc.(F) Botany P-8.Plant Ecology	<ul style="list-style-type: none"> Science of ecology Population Ecological succession Ecosystem Ecosystem stability Biomes Plant biodiversity Sustainable development Strategies for Ex-situ conservation Strategies for Ex-situ conservation Energy 	Link
M.Sc. Botany	M.Sc.(F) Botany P-9.Plant resource utilization & Conservation Botany	<ul style="list-style-type: none"> Plant Biodiversity Sustainable development Ex-situ Conservation In-situ conservation 	Link
B.Sc. Biology	B.Sc. III (Biology) Zoology P- III Environment Biology	<ul style="list-style-type: none"> Ecology and Environment factors Biogeochemical cycle- sulphur, phosphorus, carbon Pollution, pollutants and types of 	Link

		<p>pollution</p> <ul style="list-style-type: none"> • Ecosystem-components of ecosystem • Community Ecology , Ecotype • Community Ecology, measurement of population • Population genetics-character, growth, Age structure • Ecological Succession, Xerosere, Hydrosere, mesosere • Ecological Succession-lithosere • Habitat Ecology-Fresh water, Marine water, Eusterine 	
M.Sc. Zoology	M.Sc.(Final) Zoology P-II Environment Biology and Ethology	<ul style="list-style-type: none"> • Conservation of biodiversity • Speciation and taxonomy character • Theories of biological classification • Procedure of key in taxonomy • Evolution of biodiversity index 	Link
M.Sc. Zoology	M.Sc.(Final) Zoology P-V Environment Biology	<ul style="list-style-type: none"> • Biomes, Biological Community • Species interactions. Community Dynamics • Restoration Ecology, Conservation of biodiversity. • Population dynamics • Methods of population estimations of animals • Restoration of wildlife population by reintroduction • Habitat and evaluation • Environment Monitoring, • Environment Degradation • Environment awareness • Impact of tourism • Wildlife technique, Wildlife of India • Conservation 	Link
M.Sc. Zoology	M.Sc.(Final) Zoology P-VI Environment Biology	<ul style="list-style-type: none"> • Environment Health and Toxicology • Measuring toxicity, Pollution. • Bio-geo Cycling • Biodegradation control and soil waste and water management • Microbial interaction with xenobiotic poll. • Biodegradation Testing and monitoring • Microorganism in minerals and energy re-covert • Microbial control of pests. • Pesticides 	Link

M.Sc. Chemistry	M.Sc.(Final) Chemistry P-III Environment Chemistry	<ul style="list-style-type: none"> Vertical temperature profile. Tropospheric chemistry Mechanism of photochemical decomposition of NO₂ and formation of ozone. Air pollution. Acid rain. Ozone depletion. Green House Effect. Aquatic chemistry and Water Pollution. Toxic Heavy Metals. Toxic organic Compounds. Soil and environmental disasters. 	Link
B.A.	B.A.-I Hindi Sahitya P-I	<ul style="list-style-type: none"> सिंहलद्वीपवर्णनखंड - मलिकमुहम्मद जायसी 	Link
B.A.	B.A.-I Hindi Sahitya P-II	<ul style="list-style-type: none"> ठेलेपरहिमालय - डॉ. धर्मवीरभारती 	Link
B.A.	B.A.-II Hindi Sahitya P-I	<ul style="list-style-type: none"> प्रकृतिप्रेम - महाकविसेनापतिकाकाव्य 	Link
B.A.	B.A.-III Hindi Sahitya P-I	<ul style="list-style-type: none"> सखिनिरखनदीकीधारा मैथिलीशरणगुप्त, श्रद्धासर्गकामायनी, जयशंकरप्रसाद, प्रथमरश्मिकविता, सुमित्रानंदनपंत 	Link
B.A.	B.A.-III Hindi Sahitya P-I	<ul style="list-style-type: none"> सखिनिरखनदीकीधारा मैथिलीशरणगुप्त, श्रद्धासर्गकामायनी, जयशंकरप्रसाद, प्रथमरश्मिकविता, सुमित्रानंदनपंत 	Link
B.A.	B.A.-III Hindi Sahitya P-II	<ul style="list-style-type: none"> कुटजनिबंध - हजारी प्रसाद द्विवेदी 	Link
B.A.	B.A.-III Political Science P-II	Environmental Issues	Link
M.A. Geography	M.A. (Previous)Geography P-IV(6)	<ul style="list-style-type: none"> Global Warming. Sustainable development. Biodiversity & its conservation . 	Link

Human Values

Name of Program	Name of Course	Description	Syllabus Link
B.A.	B.A.III History P-I	<ul style="list-style-type: none"> Socio-religious reform movements - Brahma Samaj, Arya Samaj, Ramkrishna Mission. 	Link
B.A.	B.A.-I Hindi Sahitya P-I	<ul style="list-style-type: none"> वनकेमार्ग में , 	Link

		अयोध्याकाण्ड ,कवितावली - तुलसीदास	
B.A.	B.A.-I Hindi Sahitya P-II	<ul style="list-style-type: none"> बसन्तकेअग्रदूत - अज्ञेय , आपकाबंटीउपन्यास - मत्रूभंडारी , सुभानखरैखाचित्र - रामवृक्षबेनीपुरी 	Link
B.A.	B.A.-II Hindi Sahitya P-I	<ul style="list-style-type: none"> राष्ट्रप्रेममहाकविभूषणकाकाव्य , 	Link
B.A.	B.A.-II Hindi Sahitya P-II	<ul style="list-style-type: none"> लहरोंकेराजहंसनाटक - मोहनराकेश , प्रतिशोधएकांकी - रामकुमार वर्मा , मकड़ी काजाला - जगदीशचन्द्रमाथुर 	Link
B.A.	B.A.-III Hindi Sahitya P-I	<ul style="list-style-type: none"> जनजनकाचेहराकविता - गजाननमाधवमुक्तिबोध , मोचीरामकविता - सुदामापाण्डेयधूमिलहो गई है पीर पर्वत सी पिघलनी चाहिएगज़लदुष्यंतकुमार। 	Link
B.A.	B.A.-III Hindi Sahitya P-II	<ul style="list-style-type: none"> संतसाहित्यकीऐतिहासिकभूमिका - रामविलास शर्मा , साहित्यऔरसामाजिकप्रगति , 	Link
B.A.	B.A.-I Sociology P-I	<ul style="list-style-type: none"> Society, community and social groups, structure and function of social system. 	Link
B.A.	B.A.-I Sociology P-II	<ul style="list-style-type: none"> Casteism, Communalism & Regionalism 	Link
B.A.	B.A.-II Sociology P-II	<ul style="list-style-type: none"> Agrarian distress in villages (suicide, indebtedness, poverty) 	Link
B.A.	B.A.-I Political Science P-I	<ul style="list-style-type: none"> Marxism, Democratic Socialism 	Link
B.A.	B.A.-I Political Science P-II	<ul style="list-style-type: none"> Manu 	Link
B.A.	B.A.-II Political Science P-II	<ul style="list-style-type: none"> Fundamental Rights NHRC 	Link
B.A.	B.A.-III Political Science P-II	<ul style="list-style-type: none"> Human Rights 	Link

Professional Ethics

Name of Program	Name of Course	Description	Syllabus Link
B.A.	B.A.-I Political Science P-I	<ul style="list-style-type: none"> Liberalism 	Link
B.A.	B.A.-I Political Science P-II	<ul style="list-style-type: none"> Kautilya & Shukra 	Link

Satyendra
Singh

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