

Raghunath Girls' Post Graduate College, Meerut

Affiliated to

Chaudhary Charan Singh University, Meerut

UG Classes

IInd year IVth semester

Minor Papers

(Under NEP 2020)

Raghunath Girls' Post Graduate College, Meerut

Affiliated to

Chaudhary Charan Singh University, Meerut

UG II year IV semester

S.No.	Faculty	Under Subject	Paper Name	Code	Applicable for
1	Science	Botany	Global Environment & Challenges	Q10013	Arts & Commerce
2	Language	Sanskrit	Prachin Evam Avarcheen Sanskrit Sahitaya	Q40002	Science & Commerce
3	Commerce	Commerce	Tourism & Travel Management	Q40001	Arts & Science





Principal

Raghunath Girls' Post Graduate College
Meerut

Minor

UG II yr. IV semester Q10013 (Only for Arts & Commerce)
Annexure 3 (b)

Programme/Class: Diploma Course	Year: II	Semester: III/IV Paper- Minor/ Elective
Subject: Offered by Botany		
Course Code: 04	Course Title: Global Environment and Challenges	
Course outcomes: <ol style="list-style-type: none">1. To acquaint the students with complex environment and global change driven by humans, their impact and mitigation;2. To make them understand importance of biodiversity, conservation and its role in maintaining structure and health of global ecology.3. This knowledge is critical in understanding the adverse impact of human's consumerist nature, evolving strategies for sustainable development and natural resource management.4. It will enable the students to know more about the challenges posed by massive economic growth, reckless development, unplanned strategies, and overutilization of natural resources.5. It will facilitate the students to critically examine the leading discussion and practices of development, so as to enable them to participate effectively in decision making at various levels.		
Credits: 5	Minor/Elective	
Max. Marks: 25+75	Min. Passing Marks:	
Total No. of Lectures-Tutorials-Practical (in hours per week): 3-2-0		
Unit	Topic	No. of Lectures + Tutorials (75hrs)
I	Global Change: Driving factors, Anthropocene characteristics; Global land cover and land use change; Multiple impacts of land use change; Global climate change: Causes, effects and mitigation strategies; stratospheric ozone loss	12
II	Environmental Pollution: Causes and effects of air, water, soil, noise, radioactive pollution; Basic pollution abatement practices and technologies; Role of plants in reducing pollution impact	14
III	Invasive Ecology: Biotic Invasions; Invasive Alien Species (IAS), Invasibility characteristics, Phenotypic plasticity; Extent and mechanisms of biological invasions; Ecological and economic impacts; Management strategies	10
IV	Loss of Biodiversity: Biodiversity as indicator of well-being of an ecosystem; hot spots, ecotourism Threats and pattern of biodiversity loss - Natural and anthropogenic causes; IUCN threat categories, Red data books; Conservation and restoration of biodiversity - Indian socio-cultural value system for nature's conservation.	8

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V	Global Water Crisis: Distribution, withdrawal and consumption patterns Causes and effects of water crisis; Water conservation approaches	8
VI	Global Energy Crisis: Sources of energy supply; Current potential and future prospects of energy sources; Energy crisis; Energy conservation strategies	8
VII	Challenges of Urbanization: Trends of urbanization; Environmental impact of urbanization; Concept of green cities and sustainability.	8
VIII	Agro-Ecological Construction Strategies: Ecological home garden, medicinal plant garden, Kitchen garden; Vertical Stratification principle and application; man-made plant/forest communities (fruit-tree/commercially important tree/medicinal plant/pepper/tea/coffee/creeper or climber-crop plant combinations); home/kitchen recyclable wastes (urban/rural) and Applied leaf biomass as manure in ecological constructions. Every household as experimental station.	7
<p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. McConnell, R. (2008) Environmental issues: An introduction to sustainability. Pearson. 2. Wali, M.K., Fatih Evrendilek, M. Siobhan Fennessy (2009) The environment: science: Issues and solutions. CRC Press. 3. Neelin, J. (2011) Climate change and climate modelling. Cambridge University Press. 4. John Marshall, R. Alan Plumb (2008) Atmosphere, ocean and climate dynamics: An introductory text. Elsevier 5. Phillips, B., D. Thomas, A. Fothergill, L. Blinn-Pike (2009) Social vulnerability to disasters. CRC Press. 6. Hill, M. (2010) Understanding environmental pollution. Cambridge University Press. 7. Environmental Studies (Hindi) ISBN 81-301-0004-5B.L. Chaudhary & Jitendra Pandey Edition: 2013 Pages: 340 + XII Apex Publishing House 8. Soil and Water Conservation ISBN 978-81-301-0071-5 S.C. Mahnot & P.K. Singh Apex Publishing House 9. Ecology and Environmental Biology (ikfjflFkfrdh ,oai;kZoj.k tSfodh½ by RBD Publisher Author: Bhatia - Jain - Kohli - Shrivastava - Singh - Verma 10. Parris, Kirsten M., 2016, Ecology of Urban Environments, Wiley Blackwell 11. Garud Puran, Latest Edition, Geeta Press, Gorakhpur 12. Chapman and Riss. Ecology: Principles and Applications, Latest Ed., Cambridge University Press 13. Kumar, H.D. Modern Concept of Ecology, Latest Ed. Vikas Publishing House 14. Begon, M., Harper, J.L. and Townsend, C.R. Ecology-Individuals, Populations and Communities (3rd ed), Oxford Blackwell Science 15. Verma, P.S. & Agarwal, U.K. Concept of Ecology, Latest Ed., S. Chand & Company 		

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UG II yr. IV sem. Minor Q40002 (only for Science & Commerce)



Chaudhary Charan Singh University, Meerut
National Education Policy-2020

Sanskrit Syllabus for B.A II Year
स्नातक द्वितीय वर्ष हेतु संस्कृत विषय का पाठ्यक्रम
Minor Course – लघुपाठ्यक्रम

[संबद्ध महाविद्यालयों के संस्थागत छात्रों के लिए वर्ष-2021-22 से प्रभावी]

Programme/Class: Bachelor B.A. स्नातक	Year: Second वर्ष – द्वितीय	Semester: Fourth सेमेस्टर- चतुर्थ
Subject:- SANSKRIT		
Course Code:	Course Title: प्राचीन एवं अर्वाचीन संस्कृत साहित्य	
Course outcomes:		
<ul style="list-style-type: none"> ➤ प्राचीन एवं अर्वाचीन संस्कृत साहित्य से परिचित होंगे तथा तुलनात्मक ज्ञान प्राप्त करेंगे। ➤ प्राचीन साहित्य से आध्यात्मिक तथा नैतिक चेतना प्राप्त कर भारतीय संस्कृति को वैश्विक स्तर पर पहुँचाने में सक्षम होंगे। ➤ संस्कृत साहित्य की आधुनिक रचनाओं से परिचित होंगे तथा संस्कृत भाषा के महत्त्व को वैश्विक स्तर पर स्थापित करने में सक्षम होंगे। ➤ भारत राष्ट्र के वैशिष्ट्य को जानने में सक्षम होंगे। ➤ प्राचीन संस्कृत साहित्य के विषयों को वर्तमान एवं नवीन परिप्रेक्ष्य में अवलोकन कर नैतिकता तथा आधुनिकता का सामंजस्य स्थापित करने में सक्षम होंगे। ➤ राष्ट्रीय भावनाओं से ओतप्रोत राष्ट्रीय विभूतियों के चरित्र से प्रेरित होकर चरित्रवान् और उत्तम नागरिक बनेंगे। 		
Credits: 4	Minor	
Max. Marks: 25+75	Min. Passing Marks:	
Total No. of Lectures-60		
Unit	Topics	No. of Lectures
I	ऋग्वेद, महाभारत, वेदव्यास, वाल्मीकि एवं रमाकान्त शुक्ल, हरिनारायण दीक्षित, सत्यपाल शर्मा का सामान्य परिचय	5
II	ऋग्वेदहिरण्यगर्भसूक्त (10/121) श्रीमद्भगवद्गीता (अध्याय-2) श्लोक 52-72	15
III	लौहपुरुषवल्लभचरितम् प्रथम निःश्वास	10
IV	भाति मे भारतम् – श्लोक 1-25 तक	15
V	राधाचरितम् (प्रथम सर्ग)	15

Suggested Readings:

- ❖ संस्कृत साहित्य का इतिहास- डॉ बलदेव उपाध्याय, चौखम्बा प्रकाशन, वाराणसी
- ❖ संस्कृत साहित्य का समग्र इतिहास- राधावल्लभ त्रिपाठी, न्यू भारतीय बुक कॉर्पोरेशन, दिल्ली
- ❖ आधुनिक संस्कृत साहित्य संचयन- डॉ गिरीश चन्द्र पन्त, विद्या निधि प्रकाशन, दिल्ली
- ❖ ऋक्सूक्त संग्रह - हरिदत्त शास्त्री, साहित्य भण्डार, मेरठ
- ❖ श्रीमद्भगवतगीता- गीता प्रेस, गोरखपुर
- ❖ लौहपुरुषवल्लभ चरितम्- डॉ सत्यपाल शर्मा, भारतीय विद्या प्रकाशन, दिल्ली 2009
- ❖ भाति मे भारतम्- डॉ रमाकान्त शुक्ल, देववाणी परिषद् दिल्ली 2004
- ❖ राधाचरितम्- डॉ हरिनारायण दीक्षित, ईस्टर्न बुक लिंकर्स, दिल्ली 2005

This course can be opted as an elective by the students of following subjects: **Open for all**
सभी के लिए उपलब्ध

Suggested Continuous Evaluation Methods:

प्रस्तावित सतत मूल्यांकन-

(क) पाठ्यक्रम में निर्धारित ग्रंथों पर आधारित अधिन्यास (असाइनमेंट)/ मौखिकी 10 अंक

(ख) लिखित परीक्षा (वस्तुनिष्ठ/लघुउत्तरीय) 15 अंक

Course prerequisites: सभी के लिए उपलब्ध

Suggested equivalent online courses:

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Further Suggestions:

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Minor

UG II yr. IV semester @ 40001 (only for Arts & Science)

Programme: B.Com.	Year: Second	Semester: Fourth
Subject: Commerce		
Course Code: C010405T	Course Title: Tourism and Travel Management	
Credits: 6	Core Compulsory / Elective: Elective	
Max. Marks: 25+75	Min. Passing Marks: 10+25	
Total No. of Lectures: 90		
Unit	Topics	No. of Lectures
I	Introduction to Travel: Meaning and definitions of tourism, traveler, excursionist, tourists- objectives, nature and classification of tourism and tourists, Growth and Development of Tourism, Forms of Tourism: Inbound Outbound, Domestic and International.	15
II	The Modern Tour Industry: Package Tours- Custom Tours- Tour wholesalers- Types of Package tours: Independent Package, Hosted Tour, Escorted Tour, Sightseeing Tour Group, Incentive and Convention Tour- Man Market Package Holidays- Types of Tour Operations: Specialist Tour Operators: Specialist Tour Operators, Tour Operators reliance on other organization.	25
III	Tour Operations and Documentation: Functions-Sources of Income, How to set up a Travel Agency: Procedures for approval of a Travel Agency and Tour Operator, Travel Documentation: Passports- various types and requirements- Procedure to apply for Passports: VISA- various types and requirements- Documents required for Foreigners to visit India, Health Check Documents and Process for Encashment of Foreign Currency.	30
IV	Impact of Tourism and Tourism Organizations: Tourism Impacts: Economic impact, Social Impact, Cultural Impact and Environmental Impact- Strategies to overcome or reduce the negative Impact of Tourism. Objectives, Functions of- United Nations World Tourism Organization (UNWTO), World Travel and Tourism Council (WTC), Pacific Asia Travel Association (PATA), International Air Transport Association (IATA), Travel Agents Association of India (TAAI), Indian Association of Tour Operators (IATO) and Federation of Hotel and Restaurant Associations of India (FHRAI).	20
Suggested Readings: 1. Bhatia A.K International Tourism, Sterling Publishers Pvt Ltd, New Delhi. 2. Pran Nath Seth, Successful Tourism Management, Sterling Publishers Pvt Ltd, New Delhi, 3. Ghosh Bishwanth Tourism & Travel Management, Second Revised Edition Vikas Publishing House Pvt-Ltd, New Delhi. Note- Latest edition of the text books should be used. This course can be opted as an elective by the students of following subjects: Open for all		

Mukherjee

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