



VIVEK P.G. COLLEGE KALWAR, JAIPUR

(Affiliated to University of Rajasthan & Govt. of Rajasthan)

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परीक्षा फॉर्म संबंधी आवश्यक सूचना—2024—2025

कॉलेज कोड—464

दिनांक— 05.12.2024

समस्त बी.ए. तृतीय सेमेस्टर के विद्यार्थियों को सूचित किया जाता है कि—

- मल्टीडिसीप्लनरी कॉर्स (MDC) में केवल GEL-63T-201 (INTRODUCTION TO RESOURCE GEOGRAPHY) का ही चयन करें।
- स्कील एनहेन्समेन्ट कॉर्स (SKILL ENHANCEMENT COURSE) में केवल SEC-63T-201 (ENVIRONMENTAL MANAGEMENT) का ही चयन करें।
- वैल्यू एडेड कॉर्स (VALUE ADDED COURSE) में केवल VAC-63F-206 (NATIONAL CADET CORPS-III SEMESTER-III) का ही चयन करें।

अधिक जानकारी के लिए महाविद्यालय की आधिकारिक वेबसाइट www.vivekpgcollege.com पर लॉगिन करें।

Important Information regarding Examination Form -2024-2025

College Code- 464

All the students of B.A. –IIIrd Semester are informed that-

- In Multidisciplinary Course Choose only GEL-63T-201 (INTRODUCTION TO RESOURCE GEOGRAPHY)
- In Skill Enhancement Course only SEC-63T-201 (Environmental Management) is to selected.
- In Value Added Course only VAC-63F-206 (National Cadet Corps-III Semester-III) is to selected.

For more information visit to college website- www.vivekpgcollege.com


PRINCIPAL
VIVEK P.G. COLLEGE
KALWAR, JAIPUR

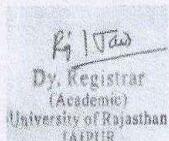
Multidisciplinary-2

Type of Examination	Course Code and Nomenclature	Duration of Examination		Maximum Marks		Minimum Marks	
Theory	MDM GEL -63T 201 Introduction to Earth Materials and Geology of India	CA	01 Hr	CA	20 Marks	CA	08 Marks
		EoSE	03 Hrs	EoSE	80 Marks	EoSE	32 Marks
Credit of the Course	4 (T-4)						
Course Objectives	This course is designed for students of all faculties to learn about the origin and occurrence of different types of rock forming minerals, and rocks and a brief introduction of geology of India.						

Unit- 1

Definition of mineral, rock-forming, minerals. Physical and Optical properties of minerals.

Physical, optical and chemical characteristics of following mineral groups: Feldspar, Garnet,



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Olivine and Silica. Pyroxene, Amphiboles, Mica, Carbonates, Kyanite, Sillimanite, Andalusite, Talc, Wollastonite, Oxides and Sulfides.

Unit- II

Definition, origin and composition of magma; intrusive and extrusive forms; structure and texture of plutonic, hypabyssal, and volcanic rocks. Bowen's Reaction Principle. Study of important igneous rocks- Granite and Basalt.

Unit- III

Common metamorphic rocks. Agents of metamorphism. Concept of facies. Common types of metamorphism.

Unit- IV

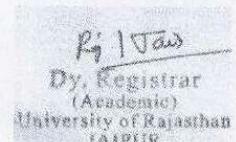
Introduction, origin of sedimentary rocks. Classification of sedimentary rocks. Occurrence and characteristics of common sedimentary rocks; Siliciclastic rocks (Conglomerates, sandstones, mudrocks), Carbonate rocks (limestone, Dolostone and dolomitisation). Introduction to Stratigraphy. Introduction to Geology of India.

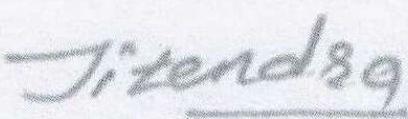
Book Recommended

1. Klein, C., Dutrow, B., Dana, J. D., & Klein, C., 2002. Manual of mineral science. New York: Wiley.
2. Ford W.E., 2006. Dana's Textbook of Mineralogy. CBS Publishers and Distributors.
3. Tyrell, G.W., The principles of Petrology, Methem & Co. London.
4. Winter, J.D., Principles of Igneous and Metamorphic Petrology, Pearson, Delhi.
5. Sam Boggs V th Edition (2016). Principles of Sedimentology and Stratigraphy.
6. Ramakrishnan M & Vaidyanadhan R 2010. Geology of India vol I and II, Geological society of India.
7. Brookfield M. E. 2005. Principles of Stratigraphy, Wiley Blackwell

Suggested E-resources:

1. <https://egyankosh.ac.in/simple-search?query=geology>

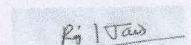


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NCC Semester- III Semester Syllabus

1.	Title of Course	NCC-3 (Semester-III)	
2.	Nodal Department of HEI to run course	Coordinator of NCC (NCC Incharge, UoR)	
3.	Board Area/Sector	University	
4.	Sub Sector	College	
5.	Nature of Course -Independent/Progressive	Progressive	
6.	Requisite	Qualified in NCC-II (Semester-II)	
7.	Number of Seats	As per Vacancies allotted by Unit/DG NCC	
8.	Course Code-VAC-63F-206	Credits-02 (1 Theory & 2 Practical Hours per Week)	
9.	Scheme of Examinations Max Marks Minimum Marks	As per SNCCO (Concern Unit ANO can provided the marks according the Cadets preformation in NCC Training) 50 20	
10.	Is this course is based on outside Partners/Institutions/Industry/Govt. Org. etc?	Yes	No
11.	If Yes, Name of proposed outside Partners/Institutions/Industry/Govt. Org. etc?	NCC Unit/ NCC office, Jaipur	
12	Course Objective of NCC The National Cadet Corps (NCC) is one of the largest youth organizations in India, with a primary objective of developing character, discipline, and leadership qualities among the youth. One of the primary objectives of the NCC course is to develop leadership qualities among the cadets. Through various training activities, including drill exercises, obstacle courses, and team-building exercises, the course instills in its cadets the ability to lead and inspire others. Cadets are taught to make quick decisions, take responsibility, and work in teams. These leadership skills are not only beneficial during the NCC training but also in all aspects of life, be it academics, career, or personal relationships.		
13	Syllabus (Semester-III) Total Hours-15 (Credits-01) Practical -30 Hours (Credits-02) Unit-I: National Integration and Awareness Unit-II: Leadership Unit-III: Social Awareness & Community Development Unit-IV: Health & Hygiene		

Unit wise details of the Value Added Course (NCC-III)


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Unit	Title of Unit	Course Content	Theory Hours	Practical Hours
Unit-I	National Integration and Awareness	Freedom Struggle and Nationalist Movement in India, Problems / Challenges of National Integration. National Integration Council. Images/ Slogans for National Integration Contribution of Youth in Nation Building.	5	
Unit-II	Leadership	Leadership Traits. Types of Leadership. Effects of Leadership with historical examples. Body Language.	2	30
Unit-III	Social Awareness & Community Development	Drug Abuse & Trafficking, Civic Responsibilities, Causes & Prevention of HIV/ AIDS; Role of youth, Counter Terrorism, Corruption, Social Evils viz Dowry/Female Foeticide/ Child abuse & trafficking etc, RTI & RTE, Traffic Control Org and Anti-drunken Driving, Provisions of Protection of Children from Sexual Harassment Act 2012.	3	
Unit-IV	Health & Hygiene	Structure & functioning of the human body, Hygiene & Sanitation (Personal & Food hygiene), Physical & Mental Health, Infectious & Contagious Diseases & its prevention. Basics of Home Nursing & First-Aid in common medical emergencies, Introduction to Yoga & Exercises.	5	

Reference Books

- Bipan Chandra, Mridula Mukherjee, Aditya Mukherjee, K.N. Panikkar, & Sucheta Mahajan. (1989). *India's Struggle for Independence: 1857-1947*. Penguin Books.
- Mukherjee, R. (1988). *The Rise and Fall of the East India Company: A Sociological Appraisal*. Popular Prakashan.
- Sharma, R. K. (2004). *Leadership in Indian Organizations: Some Aspects*. Anmol Publications.
- Nanda, B. R. (2004). *In Search of Gandhi: Essays and Reflections*. Oxford University Press.
- Reddy, G. N. (2011). *Health and Hygiene: An Introduction*. Neel kamal Publications Pvt. Ltd.

NCC Cadets Hand Book

Web Links

<https://indiancc.mygov.in/>
<https://nccauto.gov.in/>

Examination Scheme (Programme Evaluation Methods)

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S.No.	Parameters	Max Marks
1	Entries in Daily Diary	05
2	Synopsis Project	10
3	Participation in NCC Training	10
4	Participation in Social Service and Community Development (SSCD)	25*

***Evaluation of SSCD:**

S.No.	Parameters	Max Marks
1	Presentation/Video/Photographs submit with report	05
2	Day Significations	10
3	Participation in Puneet Sagar, Sawach Bharat, Quiz, Social Awareness and Jagrukata rally and other SSCD Activities	10
Total		25

Course Learning Outcome

Upon completing this course, students will understand the historical context of India's freedom struggle and the challenges of national integration, recognizing the role of youth in nation-building. They will analyze leadership traits and styles, understanding their impact through historical examples and effective communication, including body language. The course will address social issues such as drug abuse, terrorism, and corruption, highlighting civic responsibilities and preventive measures. Students will also explore social evils like dowry and child trafficking, understanding legal frameworks like RTI, RTE, and the Protection of Children from Sexual Offenses Act 2012. Additionally, they will learn about the human body's structure, emphasizing hygiene, sanitation, and disease prevention. Practical knowledge in home nursing and first aid will be covered, along with the promotion of physical and mental health. An introduction to yoga and exercise will encourage students to integrate wellness into their daily lives.

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Detailed Syllabus

SEC-63T-201-Environmental Management

Unit I

Introduction to Environmental Management

Introduction to environmental management system (EMS): Goals ISO 14000 and ISO 14001. Dimensions of Environmental Management: Economic, Socio-cultural, Technological, Ethical and Moral, Political and Legal Dimensions. Environmental Management Plan. Life-cycle analysis.

(7 Hours Lecture)

Unit II

Environmental Audit and Impact Assessment

Introduction, objectives, procedure and importance of Environmental Impact Assessment (EIA), Preliminary aspects of and social impact assessment. Corporate Social Responsibilities. Introduction, definition and types of auditing, Benefits of Environmental Audit, Environmental Audit Programme in India.

(8 Hours Lecture)

Unit III

Environmental Acts

Air (Prevention and Control of Pollution) Act 1981. Environmental (Protection) Act, 1986. Hazardous and waste management and handling rules 1989. Water (Prevention and Control of Pollution) Act, 1974. Biological Diversity Act, 2002.

(7 Hours Lecture)

Unit IV

Environmental Economics

Definition and scope of environmental economics, economics and environment, environmental valuation, green marketing and clean technologies, green accounting. Concept of the resource. Ecolabeling /Eco mark scheme. Environmental Kuznets Hypothesis. Cost-benefit analysis. Sustainable Development.

(8 Hours Lecture)