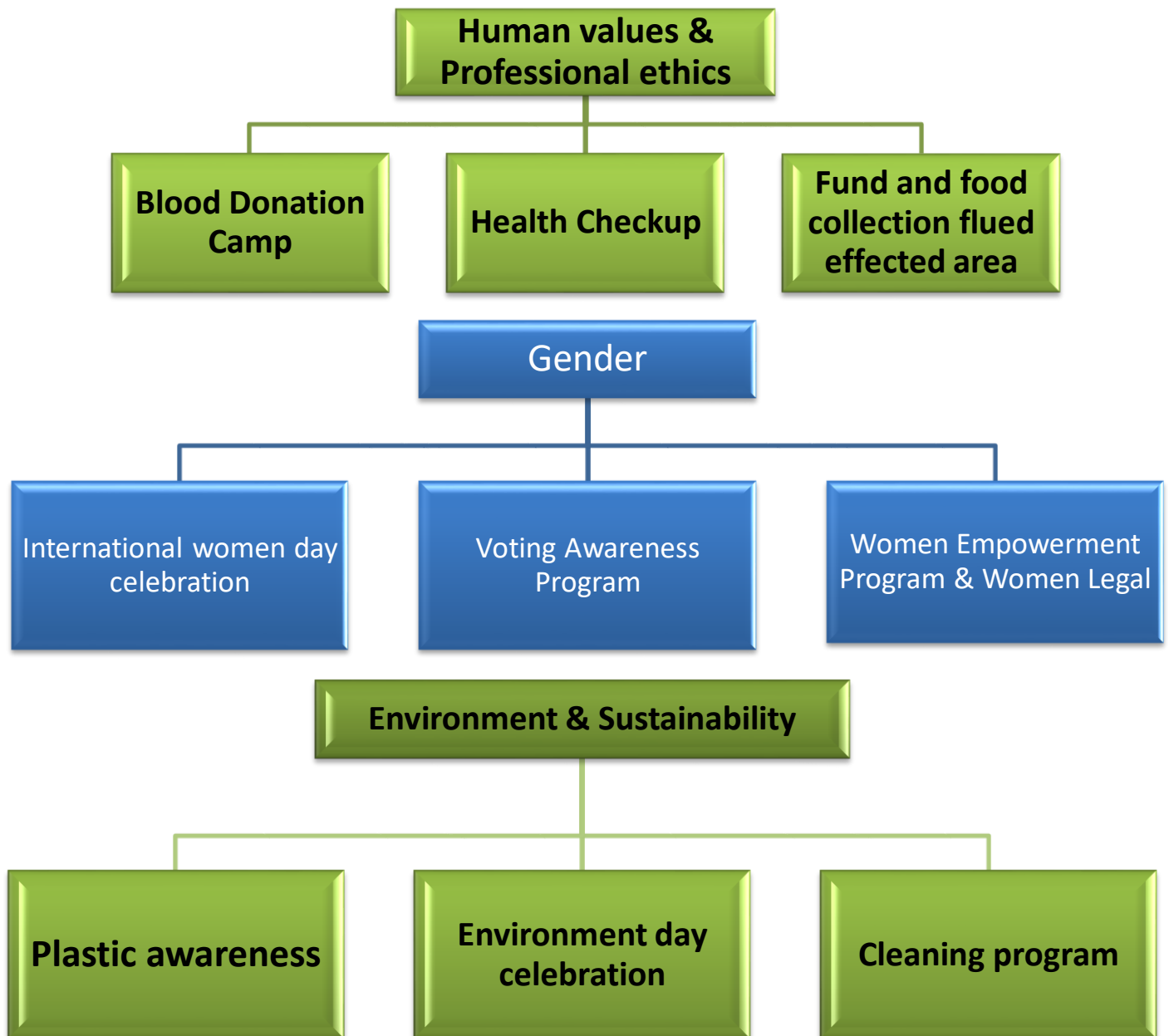




1.3. Curriculum Enrichment

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





CHANDRAKANTI RAMAVATI DEVI ARYA MAHILA P.G. COLLEGE

चन्द्रकान्ति रमावती देवी आर्य महिला पी.जी. कालेज

(Accredited by NAAC)

दीवान बाजार, गोरखपुर (उत्तर प्रदेश)

S.no	Name Of The Relevance Club/ Cell	Extra Curricular Activity	Name Of The Program
1.	Human values & Professional ethics		
	NSS/NCC/Rovers Ranger Counseling Cell	<ul style="list-style-type: none">➤ Blood Donation Camp➤ Health Checkup➤ One day workshop on workplace interaction➤ Fund and food collection flued effected area	<ul style="list-style-type: none">➤ M.A. Political Science II Year Third Semester.➤ M.A. Education II Year
2.	Gender		
	Women Cell/ Anting ragging cell	<ul style="list-style-type: none">➤ Seminar on women right and women empowerment,➤ International women day celebration	<ul style="list-style-type: none">➤ M.Ed. First Semester➤ B.A. Sociology Second Semester
3.	Environment & Sustainability		
	Environment Protection Committee	<ul style="list-style-type: none">➤ Ghun-Ghun kotha Village environment Awareness Drive visit➤ Rally for rivers cleaning program➤ Environment day celebration➤ Plastic awareness	<ul style="list-style-type: none">➤ M.A II Year Home Science Forth Semester➤ M.Ed. Forth Semester➤ B.Ed. First Semester
4.	Soft Skills		
	Soft Skills	Computer course CCC Program computer literacy workshop	Computer Application

Course Code:POL 306 (A060601T)	
Course Title: Modern Indian Political Thought	
Credits: 3+0	
Unit	Topic
I	Thinking and Ideas in Modern India: Reform tradition Raja Ram Mohan Roy, M G Ranade, Sir Syed Ahmed Khan, Vivekananda and Pandita Ramabai
II	Political Imaginations: M.K. Gandhi, Jawaharlal Nehru, B.G Tilak.
III	Social Imaginations: Jyotiba Phule, Tarabai Shinde, Dr B R Ambedkar and Periyar
IV	Economic Imaginations: M N Roy, Jayaprakash Narayan, Kamaladevi Chattopdhyaya and Dr Ram Manohar Lohia
V	Cultural Imaginations: V D Savarkar, M S Golwarkar and Mohmmmed Iqbal
VI	Civilizational Imaginations: Bankim Chandra, Rabindranath Tagore, Ananda Coomaraswamy

Course Code:POL 307 (A060602T)	
Course Title: International Relations	
Credits: 2+0	
Unit	Topic
I	Definition, Nature & Scope of International politics, Approaches & Theories: Idealism, Realism, Neo Realism, Decision-Making, System Theory & Game Theory
II	The Nation State System: National Power, National Interest, Collective Security, Balance of Power
III	Diplomacy Disarmament & Arms Control & Nuclear Proliferation , United Nations, New World Order
IV	20 th Centaury of International relation: World War I & II, Cold War & Post ColdWar International Relations.

Course Code:POL 308 (A060602T)	
Course Title: International Politics	
Credits: 3+0	
Unit	Topic
I	A critical Appraisal of India's Foreign Policy Post Independence, Evaluation of Politics in South Asia, South East Asia, West Asia, Indo- Pacific Region
II	Evolution of International Economic System from Bretton Woods to W.T.O The North-South and The South-South Dialogue, Regional Trade Development, Cooperation, Strategic Partnership: EU, QUAD, IORA, ASEAN, BRICS, BIMSTEC, SAARC, SCO, & Mekong- Ganga Cooperation
III	Globalization: concept, feature, effects and its impact on sovereignty of states. Alternative perspective on globalization, Ascendency of China, Multipolar World
IV	Great Debates in International Relations: End of Ideology , Clash of Civilization, Cross border Terrorism & Non State Actors, Human Rights, Politics of Environment , Traditional & Non Traditional Security Threats

SEMESTER-II

HSCM510

CHILD, HUMAN RIGHTS AND GENDER

Credit 4

1. Definition and Evolution of Rights
 1. Human rights
 2. Child rights
 3. Women's rights
2. Status of Indian Children and their rights
 - a. Gender disparities (Infanticide, feticide, girl child).
 - b. Children in difficult circumstances (Children of Prostitutes, child-prostitutes, Child labour, street children, refugee children and child victims of war).
 - c. Children with special needs.
3. Status of Women and their Rights
 - a. Status of women in India.
 - b. Women and human rights
 - c. Forms of violation of women's rights
 - d. Violence against Women in home, workplaces and society
 - e. Sexual harassment, rape
 - f. Crime against women
 - g. Political Discrimination
4. Human Rights
 - a. Moral rights
 - b. Legal rights
 - c. Civil and Political rights
5. Advocacy for Human rights

References

1. Butterworth, D. and Fulmer, A. (1993). Conflict, Control and Power. Perth Child and Family Consultants.
2. Bruner, T. (1986). Actual minds - possible worlds. London; Harvard University Press.
3. UNICEF (1992). Rights of the Child: World Declaration and Plan of Action from the World Summit for Children and the Convention on the Rights of the Child, New Delhi.
4. UNICEF (1993). The Progress of Nations, New York.
5. UNICEF (1994). The State of the World's Children 1994, Oxford University Press, U.K.

Course Code: SOC305(B010602T)	
Course Title: Gender and Society	
Credits: 4+0	
Unit	Topic
I	Gender vs. Sex, Social Construction of Gender, Gender Roles
II	Women and Family, Socialization and Gender, Feminist Movement Understanding Gender Inequalities
III	Gender Perspective: Liberal, Marxian, Socialist, Radical
IV	Patriarchy and Gender, Sexual Division of Labour
V	Women and Society in India: Demographic Profile, Population and Gender
VI	Women in Economy (Work), Women and Education, Women and Health
VII	Crime against Women: Infanticide, Domestic and Public
VIII	Constitutional Safeguards and Provisions regarding Women. Programmes and Policies regarding upliftment of Women.

Course Code: SOC306(B010602P)	
Course Title: Field Work / Case Study / Project Work	
Credits: 0+2	
Unit	Topic
I	Knowing about field work, Selection of research problem for Research project and field work. Concept of Universe and Units.
II	Research Design, Use of Census and Sampling method to select units of study.
III	Estimation of resources: Time, money, human resource. Conducting field survey, Necessary gadgets and equipments
IV	Classification and Tabulation of data, Presentation of data. Report writing

Jones, Rechar Nelson, (2012): Theory and Practice of Counselling and Therapy, New Delhi; Sage Publication India Pvt. Ltd.

Kochhar, S.K. (1993): Educational and Vocational Guidance in Secondary Schools, Sterling Publishers Private Limited, New Delhi.

Moyers, Jorge E.(1971): Principles and Techniques of Vocational Guidance, McGraw Hill Company

Pandey, K.P. (2000): Educational and Vocational Guidance in India, Vishwavidyalaya Prakashan, Varanasi.

COURSE CODE-305: GENDER SENSITIZATION AND WOMEN EDUCATION

MM: 100

COURSE OBJECTIVES: Following shall be the course objects;

1. To sensitize students about the gender issues in general and education in particular.
2. To provide a critical perspective on the gendered structure of society.
3. To understand the policy perspectives, schemes and program for female education in India.
4. To understand the concept and importance of gender justice and equality.
5. To understand the strengths and weaknesses of various positions, methods, and beliefs.

UNIT	CONTENT	CREDIT	PERIODS	MONTH
I	GENDER SENSITIZATION <ul style="list-style-type: none"> • Concept, Need, Scope • Gender studies as an academic discipline • Gender, Economy and Work Participation • Gender, globalization and education 	1	18	July
II	ISSUES OF INDIAN WOMEN <ul style="list-style-type: none"> • Family, Caste, Class, Culture religion related issues • Women's education- gender bias in enrolment and Curriculum content • Co-education-its educational implications • Literacy and Non-formal education for women's development • Education of Girl child in India: present status and challenges ahead 	1	18	August
III	WOMEN'S MOVEMENTS IN INDIA <ul style="list-style-type: none"> • Pre-independent, Post Independent and Current women movements • National committees and Commissions for Women • Governmental and Non-Governmental Organizations for women and Child Development, Community participation for education of the girl child. • Constitutional Provisions, Policies, Programmes for Women 	1	18	September
IV	PROGRAMMES AND STRATEGIES FOR PROMOTING GIRLS'/WOMEN EDUCATION IN INDIA <ul style="list-style-type: none"> • Access, enrolment, retention of girls' at school stages • Mahilasamakshya, • Kasturba Gandhi Balika Vidyalaya. • Girl's education in SSA, RMSA 	1	18	October
V	DEMOGRAPHIC PROFILE OF WOMEN AND HUMAN DEVELOPMENT INDICATORS <ul style="list-style-type: none"> • Constitutional provisions, policies, programmes for women • International policies and women's movements • Health and nutrition • Participation in decision making through decentralization • Methodologies for research on women • Gender and disability 	1	18	November

1. Eco-system-Earth,manandEnvironment

- a. Ecosystems oftheworld
- b. Forestecology
- c. Pathwaysinecosystem
- d. Environmentimplicationsofenergyuse
- e. Problemsofsustainabilityofecosystems

2 LandandWaterResourcesoftheEarth

- a. Landresourcesoftheearth
- b. Landuse
- c. Waterresourceoftheearth

3 PollutionandEnvironmentwithreferencetoAir,Water,Soil,Noise

- a. Sourcesofpollution
- b. Effectsofpollution
- c. Remediestocontrolpollution

4. EnvironmentandPublicHealth

- a. Environmentpollutionandcommunitymean
- b. Waterbornedisease
- c. Airbornediseases
- d. Chemicalinsecticidesanditsimpactonhealth
- e. Toxicactionsofmetalsandbiologicalsubstances

5. WasteManagement

- a. Typesofwaste
- b. Methodofwastemanagement
- c. Waterpollutionandtreatmentofwaste
- d. Solidwastemanagement
- e. Airpollutioncontroltechnology

HSCM513

ENVIRONMENT MANAGEMENT

CREDIT-4(L-3 T-1)

1. Ece-system - Earth, man and Envbromnent

- a. Ecosystemsof the world
- b. Forest ecology
- c. Pathways in ecosystem
- d. Environment implications of energy use
- e. Problems of sustainability of ecosystems

2. Land and Water Resources of the Earth

- a. Land resources of the earth
- b. Land use
- c. Water resource of the earth

3. Pollution and Environment with reference to Air, Water, Soil, Noise

- a. Sources of pollution
- b. Effects of pollution
- c. Remedies to control pollution

4. Environment and Public Health

- a. Environment pollution and community mean
- b. Water borne disease
- c. Air borne diseases
- d. Chemical insecticides and its impact on health
- e. Toxic actions of metals and biological substances

5. Waste Management

- a. Types of waste
- b. Method of waste management
- c. Water pollution and treatment of waste

Course Code: SOC203(B010401T)	
Course Title: Social Problems & Social Issues of Development in India	
Credits: 4+0	
Unit	Topic
I	Deviance: Concept & Meaning, Concept and Classification of Crime
II	Corruption in Public life, Cyber Crime, Drug Addiction, Terrorism.
III	Structural Problems: Poverty, Caste Inequality, Problems of Religious and Ethnic groups
IV	Familial Problems: Dowry, Domestic Violence, Divorce, Intra and Inter Generational Conflict
V	Concept of Development, Economic Vs Social Development, Human Development
VI	Theories of Development: Hozelitz, Lewis, Rostow. Under Development Dependency: Centre Periphery (Frank), Uneven Development (Samir Amin)
VII	Issues of Development: Agrarian Crisis, Human Resource Development & Skilled Unemployment
VIII	Ecology and Development: Development and Displacement, Rehabilitation and Resettlement Policy, Sustainable development, Global Warming.

Course Code: SOC204(B010402P)	
Course Title: Projects on Sustainable Society	
Credits: 0+2	
Unit	Topic
I	Research Project: Definition & Concept, Selection of Research Topic related to Social Problems and Social Development, Sustainable Development.
II	How to develop Research Proposal and its Implementation.
III	Methods & Techniques for conducting scientific study. Writing of Bibliography.
IV	Research Project final draft and writing of findings, Presentation of Research Project.

Course Code: SOC301(B010501T)	
Course Title: Classical Sociological Thought	
Credits: 4+0	
Unit	Topic
I	Emergence of Sociology, Intellectual Context: Enlightenment, The impact of French Revolution and Industrial Revolution
II	August Comte: Positivism, The Hierarchy of Sciences Herbert Spencer: Social Evolution
III	Emile Durkheim: Social Fact, Suicide
IV	Vilfredo Pareto: Action – Logical and Non Logical Action, Residues and Derivation
V	Karl Marx: Dialectical Historical Materialism, Class Struggle
VI	Max Weber: Verstehen, Social Action, Power and Authority
VII	G.H.Mead: Symbolic Interactionism
VIII	Talcott Parsons: Action theory ; Social System R.K.Merton: Structural Functionalism,

IV	Tribal Communities in India: Geographical distribution, Problem of Assimilation, Integration and Assertion, Backwardness and Underdevelopment in Tribe.
V	Basic Institutions of Indian society: Caste, Marriage, Joint Family, Religion
VI	Social Classes in India: Agrarian-Rural, Industrial-Urban: The Middle Class; Exclusion and Inclusion, Backward classes, Dalits, Women.
VII	Population: Structure and dynamics, Demographic analysis, Population explosion, Demographic theories, Population growth and control.
VIII	Change and Transformation in Indian Society; Factors affecting National Integration: Casteism and Communalism

Course Code: SOC105(B010202P)	
Course Title: Writing skill development on topics of Contemporary Sociological Importance	
Credits: 0+2	
Unit	Topic
I	The structure and composition of Indian society: Village, Town, City, Rural Urban linkages. Unity and diversity in Indian society.
II	Indological, Historical, Structural and Functional Perspective to study Indian Society.
III	Cultural and Ethnic diversity: Diversities in respect of language, caste, region and religious beliefs and practices
IV	Tribal Communities in India: Geographical distribution, Problem of Assimilation, Integration and Assertion, Backwardness and Underdevelopment in Tribe.

Course Code: SOC201(B010301T)	
Course Title: Social Change & Social Movements -I	
Credits: 3+0	
Unit	Topic
I	Social Change : Concept, Nature & Patterns of Social Change , factors of Social Change (Economic, Technological, Cultural, Demographic
II	Types of Social change: Evolution, Development, Progress and Revolution.
III	Theories of Social Change: Linear and Cyclical Theories
IV	Processes of Social Change in India: Sanskritization, Westernization, Modernization , Globalization. Parochialisation and Universalization

Course Code: SOC202(B010302P)	
Course Title: Social Change & Social Movements -II	
Credits: 3+0	
Unit	Topic
I	Concept & Meaning of Social Movement, Nature, Definitions and Characteristics of Social Movements.
II	Social Movement and Social Change: Theories of Social Movement: Structural – functional , Marxist, Resource Mobilization Theory
III	Types of Social Movement: Reform, Rebellion, Revival, Revolution, Insurrection, Counter Movement
IV	Social Change in India through Social Movements: Peasant movement, Dalit movement , Women's movement , Environmental movement

POLITICAL SCIENCE
M.A. II
IIIrd Semester
Code No. – 305

Total Marks: 50

PAPER VI: Dynamics of Indian Politics

Units of Detail Syllabus:

Unit – I

Dynamics of Politics – Language, Caste Religion.

Unit-II

Politics of defection Minorities, Political Agitation.

Unit-III

Secularism, National Integration Problem of Terrorism.

Unit-IV

Politics of Amendment, Politics of President Rule, Problem of environmental Pollution.

Unit-V

State Politics: Governor, Chief Minister, Party Politics, with reference to U.P. Socio-economic determinants, patterns and Emerging Trends of state politics, Panchayat Raj system and its impact on State Politics.

RECOMMENDED READINGS :-

G. Austin, The Indian Constitution :

Corner stone of a Nation, Oxford University Press, 1966

Jennings, some characteristics of the Indian Constitution, London, Oxford University Press, 1953.

W.H. Morris Jones, Government and Politics in India, Delhi, BI Publications, 1974.

P. Brass, Politics of India Since Independence, Hyderabad, Orient Longman, 1990.

J. Das. Gupta, Language Conflict and National Development, Berkeley, University of California Press, 1970.

S. Krishik (ed.), Indian Government and Politics, Delhi University, Directorate of Hindi Implementation, 1990.

सिंह, महेन्द्र प्रसाद, भारतीय भाषा और राजनीति : ओरियन्ट ब्लैकस्वान, हैदराबाद, 2010.

कोठारी राजनी, भारत में राजनीति : ओरियन्ट ब्लैकस्वान, हैदराबाद, 2010.

5. SusheelaKoushik (ed.): Women's oppression: Patterns and Perspectives, New Delhi: Ajantha. 1984 UNESCO, Wasted Opportunities: When Schools Fail. Education for All, Status and Trends, Paris, UNESCO, 1998
6. Velaskar, Padma. 1990. Unequal Schooling as a factor in the Reproduction of Social Inequality in India.

EDUBED-117 (B) Population Education

COURSE OBJECTIVES:-

- To make student teachers understand about the concept, important scope and aims of Population education..
- To orient student teachers with various components of population for preparing a curriculum for population education.
- To enable the student teachers to develop various methods and strategies for realizing the objectives of population education.
- To enable the student teachers to understand about various projects in the area of population studies in different countries.

UNIT	COURSE CONTENT
I	INTRODUCTION <ul style="list-style-type: none"> • Concept, Importance and Scope. • Aims and Objectives. • Guiding Principles and foundations. • Relationship between Population and Nature • Ecological and Psychological Perspective.
II	CONCEPT OF POPULATION COMPONENTS <ul style="list-style-type: none"> • Policy level objectives emphasize • Understanding population Education • Understanding of Demography • Understanding different causes
III	IMPORTANCE OF POPULATION STUDIES <ul style="list-style-type: none"> • Population Growth and Quality of life: • Appreciation of family size programme: • Appreciation of Govt Policies: • Population and Sustainable Development..
IV	POPULATION EDUCATION AND ITS CURRICULUM <ul style="list-style-type: none"> • Methods and approaches of Population education. • Strategies and approaches, treating Population education as a separate subject, topical units, integration and interdisciplinary approaches. • Method- Discussion, Seminar, Workshop, Dialogue, Problem Solving, Field Surveys, Projects and Exhibition. • Programme of Population education for primary, secondary and higher

**Department of Computer Science
D.D.U. Gorakhpur University, Gorakhpur**

Year wise Structure of B.A. / B.Sc. Computer Application Subject

Year	Sem.	Course Code	Paper Title	Theory/Practical	Credits
1	I	COA100	Basics of Computer Application	Theory	2
1	I	COA101	Introducing to Computer and PC Software	Theory	4
1	I	COA102	PC Software Lab	Practical	2
1	II	COA103	Problem Solving using Computer	Theory	4
1	II	COA104	Software Lab	Practical	2
2	III	COA201	Object Oriented Programming and C++	Theory	4
2	III	COA202	OOPs Lab	Practical	2
2	IV	COA203	Database Management System	Theory	4
2	IV	COA204	DBMS Lab	Practical	2
3	V	COA301	Data Communication and Computer Networks	Theory	4
3	V	COA302	Internet and Web Technologies	Theory	4
3	V	COA303	Lab on Web Technologies and Computer Networks	Practical	2
3	V	COAR01	Research Project I	Project	3
3	VI	COA304	Software Engineering and Project Management	Theory	4
3	VI	COA305	Algorithms and Data Structures	Theory	4
3	VI	COA306	Lab on Algorithms and Data Structures	Practical	2
3	VI	COAR02	Research Project II	Project	3

POLITICAL SCIENCE

M.A. I

Ist Semester

Code No. – 105

Total Marks: 50

PAPER V: Indian Government and Politics

Total Marks : 50

Unit – I

Historical Background of the present Constitution system, Role Of B.R Ambedkar in Constitution making, Nature and Salient features of Indian Constitution, Indian Federalism, Union-State Relations.

Unit – II

Fundamental Rights and duties, Directive Principles of State Policy.

Unit – III

Chief Executive : President, Cabinet, Prime Minister, Legislature, Lok Sabha, Rajya Sabha, Supremacy Of Parliament, Speaker of Lok Sabha.

Unit – IV

Judicial system- Supreme court, Judicial Review, Judicial Activism.

Unit – V

Party System, Pressure Groups, Public Opinion, Electoral System, Election Commission, Electoral Reforms, Voting Behavior.

RECOMMENDED READINGS :-

- 1- G. Austin, The Indian Constitution: Corner stone of a Nation, Oxford University Press, 1966.
- 2- Jennings, some characteristics of the Indian Constitution, London, Oxford University Press, 1953.
- 3- W.H. Morri's Jones, Government and Politics in India, Delhi, BI Publications, 1974.
- 4- P. Brass, Politics of India Since Independence, Hyderabad, Orient Longman, 1990.
- 5- J. Das. Gupta, Language Conflict and National Development, Berkeley, University of California Press, 1970.
- 6- S. Kaushik (ed.), Indian Government and Politics, Delhi University, Directorate of Hindi Implementation, 1990.

POLITICAL SCIENCE

M.A. II

IVth Semester

Code No. – 403

Group – C

Total Marks: 50

PAPER III: Advance Indian Administration

Units of Detail Syllabus:

Unit – I:

Public Undertakings-Forms, Management, Control and Problems.

Unit-II

Control of Public Expenditure-Parliamentary Control, Role of the Financial Ministry, Comptroller and Auditor General.

Administration of Law and Order: Role of Central and State Agencies in Maintenance of Law and Order.

Unit-III

State Administration : Governor, Chief Minister, Council of Ministers, Council of Ministers Secretariat, Chief Secretary, Directorates.

Unit-IV

District and Local Administration: Role and Importance of District Collector, Land and revenue, Law and Order and develop functions. District Rural Development Agency, Special Development Programmes.

Local Administration: Panchayati Raj, Urban Local Government Features, Forms, Problems, Autonomy of Local Bodies.

Unit-V

Administration for Welfare: Administration for the Welfare of Weaker Sections with Particular Reference to scheduled Castes, Scheduled Tribes and Programmes for the Welfare of Women.

Issue Areas in India Administration: Relationship between Political and Permanent Executive, Generalist and Specialist Participation in Administrative Reforms in India.

POLITICAL SCIENCE

M.A. II

IIIrd Semester

Code No. – 305

Total Marks: 50

PAPER V: Dynamics of Indian Politics

Units of Detail Syllabus:

Unit – I

Dynamics of Politics – Language, Caste Religion.

Unit-II

Politics of defection Minorities, Political Agitation.

Unit-III

Secularism, National Integration Problem of Terrorism.

Unit-IV

Politics of Amendment, Politics of President Rule, Problem of environmental Pollution.

Unit-V

State Politics: Governor, Chief Minister, Party Politics, with reference to U.P. Socio-economic determinants, patterns and Emerging Trends of state politics, Panchayat Raj system and its impact on State Politics.

RECOMMENDED READINGS :-

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- 3- W.H. Morris Jones, Government and Politics in India, Delhi, BI Publications, 1974.
- 4- P. Brass, Politics of India Since Independence, Hyderabad, Orient Longman, 1990.
- 5- J. Das. Gupta, Language Conflict and National Development, Berkeley, University of California Press, 1970.
- 6- S. Kaushik (ed.), Indian Government and Politics, Delhi University, Directorate of Hindi Implementation, 1990.
- 7- सिंह, महेन्द्र प्रसाद, भारतीय भासन और राजनीति : ओरियन्ट ब्लैकस्वान, हैदराबाद, 2010.
- 8- कोठारी रजनी, भारत में राजनीति : ओरियन्ट ब्लैकस्वान, हैदराबाद, 2010.

- Feedback
- INSAT

Unit-III- Trends and Issues of Open Distance Learning

- Print Media vs. Multi Media
- Quality Assurance in ODL
- Virtualization of ODL in India
- Researches in ODL

Unit-IV-Technology and Open Distance Learning

- Concepts of information and communication technology;
- Universal access VS Digital Divide – issues and initiatives;
- Challenges of Integration of ICT in School;
- Aims and objectives of National Policy on Information and Communication Technology (ICT) in School Education in India;
- Role of GyanDarshan, GyanVani, Sakshat, e-GyanKosh.

Unit-V Management of Open Distance Education

Structure, Functions and qualities

- IGNOU
- State open University
- Regional study centers
- Study Centers

COURSE CODE:EDUMED519B : ENVIRONMENTAL EDUCATION

CREDITS-4+0

Unit-I-Introduction:

- Concept, Importance and Scope OF Environmental Education
- Aims and Objectives.
- Guiding Principles and foundations.
- Relationship between man and Environment.

Unit-II Concept of Environment and Ecosystem:

- Earth and biosphere, abiotic and biotic components.
- Human system- Human being as part of environment, human adaptations to environment, population and its effect on environmental resources.
- Technological system- industrial growth, scientific and technological inventions and their impact on the environmental system.
- Environment and Sustainable Development.

Unit-III Environmental Hazards: