

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

Cross cutting issues addressed through curriculum



Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
District Ahmednagar, Maharashtra, India

NAAC Reaccredited 'A' grade (CGPA 3.07)
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Cross Cutting Issues Incorporated and Addressed through Curriculum

Department of Political Science

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.A. Sem. II F.Y.B.Com. Sem. II F.Y. B.Sc. Sem. II F.Y.B.C.A. Sem. II F.Y.B.C.S. Sem. II	Democracy, Election & Governance	Democracy: Foundation and Dimensions, Decentralization, Governance
2	F.Y.B.A. Sem. I,II	Introduction to Indian Constitution	Philosophy of the Indian Constitution, Fundamental Rights, Directive Principles, Fundamental Duties
3	M.A. Sem. I M.Com. Sem. I M.Sc. Sem. I	Introduction to Constitution	Ideology, Nationalism, Democratic Socialism, Fascism, Marxism
4	T.Y.B.A. Sem. V & VI	Generic Electives	Civic Education Responsibilities & Rights
5	M.A. Sem I & II M.Com. Sem I & II M.Sc. Sem I & II	Human Rights Education	Perspectives of Rights and Duties, Introduction to Terminology of Various Legal Instruments, Status of Social and Economically Disadvantaged people, Human Rights- Enforcement Mechanism, Human Rights Violations and Indian Polity, Role of Advocacy Groups

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	M.A. Sem. I M.Com. Sem. I M.Sc. Sem. I	Introduction to Constitution	Feminism

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	M.A. Sem. I,II,III,IV M.Com. Sem. I,II,III,IV M.Sc. Sem. I,II,III,IV	Cyber Security	Information and Network Security, System and Application Security
2	M.A. Sem. I,II,III,IV M.Com. Sem. I,II,III,IV M.Sc. Sem. I,II,III,IV	Humanities (Generic Electives- NCC)	National Integration and Awareness, Personality Development, Social Service and Community Engagement, Leadership



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Department of Economics

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	FYBA Sem I, II	Industrial Environment	Challenges to Indian Industry: Labour, Employment, Regional Imbalance
2	TYBA Sem V	Constraints to Development Process	Socio- Cultural Constraints,
		Human Resources and Economic Development	Role of Human Resources in Economic Development Human Development Index and India Multidimensional Poverty Index
3	M.A. Part I Semester I	Labour Economics	Minimum Wage and Fair Wage, , Wage Policy in India, Labour Migration trends & effects, Social Security Measures

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	SYBA III, IV	Factor Pricing	Supply Curve of Labour
2	TYBA Sem V	Human Resources and Economic Development	Gender Development Index Gender Inequality Index
3	TYBA Sem VI	Public Finance -II	Gender Budget- Meaning and Importance
4	M.A. Part I Semester I	Labour Economics	Child Labour Policy in India, Problems and Policy of Female Workers in India

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	FYBA Sem. I, II	Introduction	Indian Economy & World Economy
		Banking Environment	Banking, Recent Trend in Banking
2	SYBA III, IV	Financial System	Banking in India, Indian Capital Market, Structure and Role of RBI, Banking Sector in India
		Macroeconomic Policies	Monetary Policy, Fiscal Policy
3	M.A. Part I Semester I	Indian Economic Policy	Issues and policies in Financing Infrastructure Development
4	M.A. Part I Semester II	International Finance	Foreign Exchange Management



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Dada Patil Mahavidyalaya, Karjat**

Cross Cutting Issues Incorporated and Addressed through Curriculum

Department of English

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	FYBA	Optional English	The Doll's House - Katherine Mansfield
2	SYBA	English Special- 2 Appreciating Poetry	My Last Duchess- Robert Browning
3	SYBA	English Special- 2 Appreciating Poetry	Caged Bird- Maya Angelou
4	M.A.- I	Paper – 2.1: English Literature from 1550 to 1798	Alexander Pope: The Rape of the Lock
5	M.A.- I	Paper – 2.1: English Literature from 1550 to 1798	Volpone - Ben Jonson
6	M.A.- I	Paper – 1.2: English Literature from 1798 to the Present	Frankenstein - Mary Shelley
7	M.A.- II	Paper-3.1: Indian Writing in English	Nectar in a Sieve- Kamala Markandaya
8	M.A.- II	Paper-4.1: Indian Writing in English	The God of Small Things- Arundhati Roy

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	FYBA	Compulsory English	The Gift of the Magi - O. Henry
2	FYBA	Optional English	A Lesson My Father Taught Me - A.P.J. Abdul Kalam
3	FYBA	Optional English	Where the Mind is without Fear - Rabindranath Tagore
4	SYBA	Compulsory English	The Homecoming- Rabindranath Tagore
5	SYBA	English Special- 1 Appreciating Drama	The Fire and the Rain by Girish Karnad
6	SYBA	English Special- 2 Appreciating Poetry	Freedom- Rabindranath Tagore
7	TYBA	Compulsory English	Money Madness – D.H. Lawrence
8	TYBA	Appreciating Novel	A Farewell to Arms- Ernest Hemingway
9	M.A.- I	Paper – 2.1: English Literature from 1550 to 1798	William Blake: The Little Black Boy
10	M.A.- II	Paper-4.1: Indian Writing in English	Nagamandala - Girish Karnad

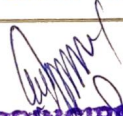
Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	FYBA	Compulsory English	On Saying Please- A. G. Gardiner
2	FYBA	Compulsory English	Communication Skills
3	FYBA	Compulsory English	Success is Counted Sweetest - Emily Dickinson
4	FYBCom	Compulsory English	Black Money and the Black Economy- C. Rammanohar Reddy
5	FYBCom	Compulsory English	Communication and Life Skills
6	FYBCom	Compulsory English	Indra Nooyi: A Corporate Giant- Indra Krishnamurty Nooyi
7	FYBCom	Additional English	The Sporting Spirit – George Orwell
8	FYBCom	Additional English	Good Manners – J.C Hill
9	SYBA	Compulsory English	Soft Skills
10	SYBA	Skill Enhancement Course	Mastering Communication Skills
11	TYBA	Compulsory English	Function of Education –J. Krishnamurti
12	TYBA	Enhancing Employability Skills	Aspirations: English for Careers

Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	FYBA	Compulsory English	The Felling of a Banyan Tree - Dilip Chitre
2	SYBA	Compulsory English	On the Grasshopper and the Cricket- John Keats




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Cross Cutting Issues Incorporated and Addressed through Curriculum

Department of BOTANY

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	MSc. I	Human rights	Fundamental rights, Gender sensitivity.

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	M.Sc.	Introduction to constitution	UNIT 2: FUNDAMENTAL RIGHTS - a) Right to equality b) Right to freedoms c) Right against exploitation d) Right to freedom of religion e) Cultural and educational rights f) Right to property g) Right to constitutional remedies
2	M.Sc.	Introduction to constitution	UNIT 3: DIRECTIVE PRINCIPLES OF STATE POLICY a) Equal Justice and free legal aid b) Right to work and provisions for just and humane conditions of work c) Provision for early childhood, Right to education and SC,ST, weaker section d) Uniform Civil Code e) Standard of Living, nutrition and public health f) Protection and improvement of environment g) Separation of Judiciary from executive h) Promotion of International peace and security
3	F. Y. BSc.	Democracy, Election and Governance	Compulsory course for all the First-Year students for All Faculties
4	MSc. Botany I & II	Skill development	Different Skills need to be acquired.

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	MSc. Botany	- II Semester -III BODT 234- d) Plant Biotechnology	Biotechnology and Society A. Biotechnology-Society, Risks, Ethics and Patenting , ELSI of Biotechnology, Recombinant and Therapeutic products for human healthcare, Genetic modifications and food consumption, recombinant food and religious beliefs, Release of Transgenics
2	MSc. Botany	BOUT 242: Theory Paper-2: Advanced Plant Ecology Semester-IV	Ecological/Environmental Ethics: Definition, concept, nature and origin of environmental ethics, ecological consciousness, views of developed and developing countries, environment community and equity, integrating ethical values and knowledge, self-centered development and environment

Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	MSC.	M.Sc. Botany Semester-III	Applied Ecology: Environmental pollution;

	Botany	BOUT 234: c) Plant Ecology	global environmental change; biodiversity: status, monitoring and documentation; major drivers of biodiversity change; biodiversity management approaches.
2	M.Sc. Botany	Semester-III BOUT 234: c) Plant Ecology	Biogeography: Major terrestrial biomes; theory of island biogeography; floristic regions and vegetation zones of Maharashtra, India, and world and its characters, principals of classification, key species of each region.
3	M.Sc. Botany	- II Semester -III BODT 234- d) Plant Biotechnology	Environmental Biotechnology: Environmental Pollution: Sources and Nature, Measurement of Pollution: Biotechnological methods of Pollution management, air pollution ad its control, water pollution and sewage: Nature of water pollutants, organic and inorganic, microbiological and radioactive pollutants, Waste water and sewage: composition of sewage and its types, Sewage water treatment: Preliminary, Primary, Secondary or biological treatment processes, water recycling
4	M.Sc. Botany	BOUT 242: Theory Paper-2: Advanced Plant Ecology Semester-IV	Environmental Biotechnology: Phytoremediation - definition, types and role of plants for in-situ and ex-situ remediation; bio-indicators, bio-fertilizers, biofuels and biosensors.
5	M.Sc. Botany	BOUT 242: Theory Paper-2: Advanced Plant Ecology Semester-IV	Environmental Laws in India: Wildlife Protection Act, 1972; Forest Conservation Act, 1982 (revised); Biological Diversity Act, 2002: National Forest Policy, 1988; National Environmental Policy, 2006
6.	S. Y. BSc.	Second Year - Semester III Semester IV	Ability Enhancement Compulsory Course - AECC - Environment Studies - (2 credit) for under graduate (For All Faculties)



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Department of Chemistry

Gender Issues

Sr. No.	Class	Name of the Paper	Title of the Topic with Name of the Author
1	M. Sc. I	Human rights	Fundamental rights, Gender sensitivity

Human Values

Sr. No.	Class	Name of the Paper	Title of the Topic with Name of the Author
1	M. Sc.	Introduction to Constitution	Unit 2: Fundamental Rights- a) Right to equality b) Rights to freedoms c) Right against exploitation d) Right to the freedom of religion e) Right to property g) Right to Constitutional remedies
2	M. Sc.	Introduction to Constitution	Unit 3: Directive Principles of State Policy a) Equal Justice and free legal aid b) Right to work and provisions for just and human conditions of work c) Provision for early childhood, Right to education and SC, ST, weaker section d) Uniform Civil code e) Standard of Living, nutrition and public health f) Protection of improvement of environment g) Separation of Judiciary from executive g) Promotion of International peace and security.
3	F. Y. B. Sc.	Democracy, Election and Governance	Compulsory Course for all the first Year students for all Faculties
4	M. Sc. I & M. Sc. II	Skill Development	Different Skills need to be acquired
5	F. Y. B. Sc.	Chromatography Techniques	Unit IV: Paper and Thin Layer Chromatography F. J. Smith

Professional Ethics

Sr. No.	Class	Name of the Paper	Title of the Topic with Name of the Author
1	T. Y. B. Sc.	Parameters of Instrumental Analysis	Unit 3: Different Techniques- Principles of Instrument Analysis By Holler
2	T. Y. B. Sc.	Spectrophotometry and Colorimetry	Unit 2: Instrumental Methods Principles of Instrument Analysis By Holler
3	T. Y. B. Sc.	Metals Semiconductors and Superconductors	Unit 5: Instrumental Methods Concise Inorganic Chemistry J. D. Lee

Environment Consciousness and Sustainability

Sr. No.	Class	Name of the Paper	Title of the Topic with Name of the Author
1	T. Y. B. Sc.	Chemistry of Biomolecules	Unit 1-5: Carbohydrates Lipids Organic Chemistry by I. L. Finar
2	F. Y. B. Sc.	Chemical and Lab	Unit 1: Measures in Safety



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		Safety	Practical Chemistry by Adhav
3	M. Sc. I	Introduction to Laboratory Safety	Unit 1: Measures in Saefy Practical Chemistry by Doke
4	T. Y. B. Sc.	Environmental Chemistry	Unit 1-4: Concept and Scope Environmental Chemistry by A. K. De
5	S. Y. B. Sc.	Environmental Studies	Unit 1-4 Introduction to environmental Studies, ecosystem By Carson R.
6	S. Y. B. Sc.	Environment Studies	Unit 1-4 Environmental Pollution By Carson R.



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Department of Physics

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	M.Sc-I	Human rights	Fundamental rights, Gender sensitivity.

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	M.Sc.	Introduction to constitution	UNIT 2: FUNDAMENTAL RIGHTS - a) Right to equality b) Right to freedoms c) Right against exploitation d) Right to freedom of religion e) Cultural and educational rights f) Right to property g) Right to constitutional remedies
2	M.Sc.	Introduction to constitution	UNIT 3: DIRECTIVE PRINCIPLES OF STATE POLICY a) Equal Justice and free legal aid b) Right to work and provisions for just and humane conditions of work c) Provision for early childhood, Right to education and SC,ST, weaker section d) Uniform Civil Code e) Standard of Living, nutrition and public health f) Protection and improvement of environment g) Separation of Judiciary from executive h) Promotion of International peace and security
3	F. Y. B.Sc.	Democracy, Election and Governance	Compulsory course for all the First-Year students for All Faculties
4	M.Sc. Physics I & II	Skill development	Different Skills need to be acquired.
5	F. Y. B.Sc.	Mechanics and Properties of Matter	Unit I • Motion: Newtons Laws of motion and it's real life applications, • Work and Energy Books • Fundamentals of Physics: Resnick, Halliday & Walker 9/e, Wiley. • Concepts of Physics: H. C. Verma, BharatiBhavan Publisher

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	T.Y. B.Sc.	Python Programming	Unit I Fundamental of Programming, Programming Ethics Books: Let Us Python By Aditya Kanetkar Learning with Python by Allen Downey
2	T.Y. B.Sc. and M.Sc.-II	C' Programming	Unit I :Programming Ethics Books Programming in C by E. Balguruswamy
3	M.Sc.	Experimental Techniques in Physics	Unit-1 • Sources of Electromagnetic Waves • Applications of Electromagnetic Waves Books: Concepts of Modern Physics: A Beiser (6th ed., McGraw Hill, 2003
4	M.Sc.	LASER	Unit-1 • LASERS: M. N. Avdhanulu, S. Chand Publications.

Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	T.Y. B.Sc.	Renewable energy Sources	Unit –I Renewable and Non Renewable energy Sources.
2	T.Y. B.Sc.	PV system	Unit-II Solar PV system installation, repairing and maintenance Book: • Solar Energy by S. P. Sukhatme • Solar Photovoltaics basics by White Sean, Taylor and francis Ltd.
3	M.Sc.-II	Energy Studies-I and II	Unit III • BioEnergy, • Biofuel, Book: • Solar Energy by S. P. Sukhatme • Solar Photovoltaics basics by White Sean, Taylor and francis Ltd.



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**Cross Cutting Issues Incorporated and Addressed through Curriculum
Department of Commerce**

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	M.Com	Human rights	Fundamental rights, Gender Sensitivity.

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.Com	Consumer Protection and Business Ethics	Consumer Education and Awareness
2	F.Y.B.Com	Consumer Protection and Business Ethics	Consumer Protection
3	F.Y.B.Com	Consumer Protection and Business Ethics	Consumer Protection Law in India
	F.Y.B.Com	Democracy, Election and Governance	Compulsory course for all faculties for first year students
4	M.Com II	Introduction to Constitution	Unit 2: FUNDAMENTAL RIGHTS a) Right to equality b) Right to Freedom c) Right against exploration
5	M.Com II	Introduction to Constitution	UNIT 3 : DIRECTIVE PRINCIPLE OF STATE POLICY a) Equal Justice and free legal aid b) Right to work and provisions for just and human conditions of work c) Provision for early childhood right to education and SC,ST weaker section

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.Com	Consumer Protection and Business Ethics	Business Ethics, Corporate Social Responsibility, Corporate Governance and

			Business ethics, Sustainable Development and Ethics
	S. Y.B.Com	Business Management	Corporate Social Responsibility, Corporate Governance, Corporate Citizenship,

Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F. Y.B.Com	Business Environment and Entrepreneurship	Business Environment, Environment Issues
2	S. Y.B.Com	Environmental Awareness	Introduction to Environmental Studies, Ecosystem, Biodiversity and conservation



[Handwritten Signature]

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Department of BBA(CA)

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	S.Y.B.B.A	Digital Marketing	Customer relationship Management, Small and Medium Enterprises SPPU Pune

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.B.A	Principles of Management	Employee Remuneration, Consumer Protection, Industrial Relations Employee Health and Moral Safety. SPPU Pune

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.B.A	Principles of Management	Principals of Management and Application, Financial Accounting. SPPU Pune
2	T.Y.B.B.A	Cyber Security	Inculcate the students to professionally deal with white hat security SPPU Pune

Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	S.Y.B.B.A	Environmental Awareness	Business Environment, Environment Issues, Disaster Management, Stress Management. SPPU Pune



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Department of B.Sc Computer Science

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	T.Y.B.C.S.	Foundations of Data Science	Provide students with knowledge and skills for data-intensive problem solving and scientific discovery

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	T.Y.B.C.S.	Software Testing	To provide the knowledge of software testing techniques <input checked="" type="checkbox"/> To understand how testing methods can be used as an effective tools in quality assurance of software. <input checked="" type="checkbox"/> To provide skills to design test case plan for testing software. <input checked="" type="checkbox"/> To provide knowledge of latest testing methods

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	T.Y.B.C.S.	Computer Networks	Basic knowledge of Networking , Cryptography
2	T.Y.B.C.S.	Blockchain Technology	Learn about Bitcoin, Cryptocurrency and Ethereum.

Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	S.Y.B.C.S.	ENVIRONMENTAL AWARENESS	Natural Resource Conservation and Management, Biological Diversity & its Conservation



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Department of Geography

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.A.	Human Geography	Composition of Indian population- Musmade Arjun, Sonawane Amit and Jyotiram More
2	S.Y.B.A.	Geography of Maharashtra	Sex Ratio, Literacy- Savadi A. B.
3	T.Y.B.A./ M.A.	Geography of India	Major tribes- Deshpande C.D
4	F.Y.B.Sc.	Introduction to Human Geography	Human life in cold region-ESKIMO- U. V. Jagdale & P. G. Saptarshi
5	M.A.	Population Geography	Age-sex pyramid- Singh, J. and Dhillon

Human Values

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.A.	Human Geography	Field Visit- Kale V.S. and Gupta A.
2	S.Y.B.A.	Geography of Maharashtra	Case Studies – Hivare Bazar and Ralegan Siddhi, Patoda - Deshpande C. D.
3	T.Y.B.A./ M.A.	Geography of India	Agriculture Revolution in India- P. G. Saptarshi, J. C. More, V. R. Ugale & A. H. Musmade
4	F.Y.B.Sc.	Introduction to Human Geography	Economic activities of Man- U. V. Jagdale & P. G. Saptarshi
5	M.A.	Geoinformatics-I	Potential of GIS- George J.

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.A.	Human Geography	Composition of Indian population (Gender and literacy) - Chandna R.C.
2	S.Y.B.A.	Geography of Maharashtra	Agro-Tourism- More J. C.
3	T.Y.B.A./ M.A.	Geography of India	Agro Based Industries- Aher A.B , Chaudhari A. P & Chaudhari Archana
4	T.Y.B.A.	Geography of Tourism	Role of Guide in tourism development- S.B. Shinde



Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.A.	Human Geography	Urbanisation in India- Musmade Arjun, Sonawane Amit and Jyotiram More
2	S.Y.B.A.	Environmental Geography	Environmental Problems- Musmade A. H., More J. C.
3	T.Y.B.A./ M.A.	Geography of India	Soil Degradation and Conservation- Musmade Arjun. H., More J. C
4	T.Y.B.A.	Geography of Tourism	Land Degradation-S.B. Shinde




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Cross Cutting Issues Incorporated and Addressed through Curriculum

DEPARTMENT OF HISTORY

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1.	MA	Human rights	Fundamental rights, Gender Sensitivity.

Human Values

S.N.	Class	Name of Paper	Title of the Related Topic with Name of the Author
01.	MA II	Introduction to Constitution	Unit 2: FUNDAMENTAL RIGHTS Right to equality b) Right to Freedom c) Right against exploitation
02.	MA II	Introduction to Constitution	UNIT 3 : DIRECTIVE PRINCIPLE OF STATE POLICY Equal Justice and free legal aid b) Right to work and provisions for just and human conditions of work c) Provision for early childhood right to education and SC,ST weaker section
03.	FYBA	Early India pre History to the Age of Mauryas	UNIT 3: VEDIC CULTURE RELIGIOUS PROTEST : JAINISM AND BUDHHISM Vedic and Later Vedic Culture Jainism and Buddhism
04.	SYBA	Glimpses of Modern world	UNIT 1 : THE MODERN AGE Renaissance – Background and Nature Religious Reform Movement – Martin Luther UNIT 2 : THE AGE OF REVOLUTION The American Revolution The French Revolution UNIT 5: NATIONALIST MOVEMENTS IN ASIA AND AFRICA China – Sun –yet-sen India – Mahatma Gandhi Africa – Nelson Mandela
05	TYBA	India after Independence	UNIT : CHALLENGES AFTER INDEPENDENCE Indian Constitution- Silence futures UNIT 3: DOMESTIC POLICY Hindu code bill





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S.N.	Class	Name of Paper	Title of the Related Topic with Name of the Author
01.	FYBA	History of Civilization – Indian Civilization and Heritage	UNIT 4 : INDIAN HISTORICAL HERITAGE Introduction to Historical Heritage Method of Conservation of Historical Heritage Imp. Of Heritage

Environment Conservations and Sustainability

S.N.	Class	Name of Paper	Title of the Related Topic with Name of the Author
01.	FYBA	History of Civilization – Indian Civilization and Heritage	UNIT 1 : INTRODUCTION TO THE INDIAN CIVILIZATION Concept and Definition of Civilization Geographical Identity of India




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Cross Cutting Issues Incorporated and Addressed through Curriculum

Department of Mathematics

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	F.Y.B.Sc.	MT -112: Calculus - II	Unit 4: solving real life problems using knowledge of derivatives and integrations Calculus – I by M.D. Bhagat, R.S. Bhamare, N.M. Phatangare, Dr. S.G. Purane, Dr. A.S. Khairnar, S.D. Manjarekar
2	S.Y.B.Sc.	MT 211: Multivariable Calculus I	Unit-3: finding extreme values of functions of two variables in application. Unit - 4: calculate area and volume of object using multiple integrations Calculus of Several Variables by M.D. Bhagat, R.S. Bhamare, N.M. Phatangare, Dr. S.G. Purane
3	S.Y.B.Sc.	MT 212 (B): Laplace Transform & Fourier Series	Unit 4: Laplace Transform & Fourier series and its applications Laplace Transform & Fourier Series , by M.D. Bhagat, R.S. Bhamare, N.M. Phatangare, Dr. S.G. Purane
4	S.Y.B.Sc.	MT 222 (B): Numerical Methods and its Applications	Unit 1: Solving algebraic and transcended equations by using different numerical methods. Unit 2: interpolation formulae and applying them to interpolate the given data. Unit 3: differentiate and integrate by different numerical methods. Unit 4: Solving ODE by various numerical methods. Numerical Methods and its applications , by M.D. Bhagat, R.S. Bhamare, N.M. Phatangare, Dr. S.G. Purane
	S.Y.B.Sc.	MT 347D : Graph theory	Unit 2: demonstrate tress and connectivity; solve connector and shortest path problems Unit 3: solve Chinese postman and travelling



			salesman problems. Graph Theory: by M.D. Bhagat, R.S. Bhamare, N.M. Phatangare, Dr. S.G. Purane
	T.Y.B.Sc.	MT 337A: Operations Research	Unit 1: formulate different life problems into LPP and solve them by using graphical method and simplex method. Unit 4: solve and optimize transportation problems Hamdy A. Taha , Operation Research (Eighth Edition, 2009), Prentice Hall of India Pvt. Ltd, New Delhi.
	T.Y.B.Sc.	MT 355(C): C-Programming	Unit 2: Data Input and Output Unit 3: Preparing, running a complete C Program and Control Statements Unit 4: Functions and Arrays. Programming with C. By Byron S. Gottfried. Schaum's Outline series.
	T.Y.B.Sc.	MT -3510: Programming in Python -I	Unit 2: String, list, tuple Unit 3: Iterations and Conditional statements Unit 6: 2D and 3D Graphs Allen Downey, Think Python , How to Think Like a Computer Scientist, Green Tea Press Needham, Massachusetts, Introduction to Scientific Computing in Python , by Robert Johansson
	T.Y.B.Sc.	MT-356(A): Machine Learning-I	Unit 3: Understanding ML related Python Packages Unit 4: End to End Machine Learning Project Hands-on Machine Learning with Scikit-Learn, Keras and Tensorflow - Aurelien Heron Python for Data Analysis by Wes McKinney (O' Reilly publication) Allen Downey, Think Python, How to Think Like a Computer Scientist , Green Tea Press Needham, Massachusetts, 2015,
	T.Y.B.Sc.	MT-3511: LaTeX for Scientific Writing	Unit 2: Formatting Words, Lines, and Paragraphs Unit 3: Listing and Tabbing Texts Unit 4: Table Preparation LaTeX in 24 Hours , A Practical Guide for Scientific Writing, Dilip Datta, Springer International Publishing AG, 2017.
	T.Y.B.Sc.	MT 365 (A): Optimization Techniques	Unit 3: Replacement and Maintenance Models Unit 4: Sequencing Problems



			<p>Unit 5: Classical Optimization Theory Hamdy A. Taha, Operation Research (Eighth Edition, 2009), Prentice Hall of India Pvt. Ltd, New Delhi. J K Sharma, Operations Research (Theory and Applications, second edition, 2006), Macmilan India Ltd.</p>
	T.Y.B.Sc.	MT-366(A): Machine Learning-II	<p>Unit 1: Classification of MNIST dataset Unit 2: Linear Regression Unit 3: Logistic Regression Unit 4: Other Supervised Algorithms Hands-on Machine Learning with Scikit-Learn, Keras and Tensorflow - Aurelien Geron. Introduction to Machine Learning With Python - Andreas C. Muller & Sarah Guido.</p>
	T.Y.B.Sc.	MT-3610: Programming in Python - II	<p>Unit 1: Graphics Unit 2: Data Visualization with Python Unit 3: Dictionary and Sorting, Minimum and Maximum Kenneth A. Lambert, Fundamentals of Python: From First Programs to Data Structure, Martin Osborne.</p>

Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	T.Y.B.Sc.	MT 365 (A): Optimization Techniques	Replacement and Maintenance Models for pollution control




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Cross Cutting Issues Incorporated and Addressed through Curriculum

Department of B.Voc

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	FY B.Voc	MPGT-17	Communication skills and soft skills

Professional Ethics

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	FY B.Voc	MPGT-13	Nursery Developments - seed technology Seed certification ,seed processing, Seed Sampling
2	SY B.Voc	MPGT-32	Plant Biochemistry – Enzyme, coenzyme, lipid metabolism, Biological oxidation
3	TY B.Voc	MPGT-42	Ethnobotany – principle of ayurveda, Homeopathy, allopathy, urani and siddha system of medicine

Environment Consciousness and Sustainability

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1	SY B.Voc	MPGT-23	Medicinal plants conservation Conservation, utilization and management
2	TY B.Voc	MPGT-53	Plant metabolism and development



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DEPARTMENT OF ZOOLOGY

Gender Issues

S.N.	Class	Name of the Paper	Title of the Related Topic with Name of the Author
1.	M.Sc	Human rights	Fundamental rights, Gender Sensitivity.
2.	MSc I- Zoology sem II	Zout 123- Comparative Animal Physiology & Environmental Biology	Histological studies of male and Female reproductive system Author Developmental Biology, 9th edition (2010), S.F. Gilbert. Publisher - Sinauer, Associates Inc
3	MSc I- Sem 1	Zout 113-Paper 3 Genetics & English in scientific communication.	Linkage and crossing over: sex linkage, sex limited and sex influenced characters, Author Genetics, 3Rd Edn by Strickberger, Pearson India, 2015, Paperback, 9789332555105

Human Values

S.N.	Class	Name of Paper	Title of the Related Topic with Name of the Author
01.	M.Sc	Introduction to Constitution	Unit 2: FUNDAMENTAL RIGHTS Right to equality b) Right to Freedom c) Right against exploitation
02.	M.Sc	Human rights	Fundamental rights
03	M.Sc	Introduction to Constitution	UNIT 3 : DIRECTIVE PRINCIPLE OF STATE POLICY Equal Justice and free legal aid b) Right to work and provisions for just and human conditions of work c) Provision for early childhood right to education and SC,ST weaker section





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Professional Ethics

S.N.	Class	Name of Paper	Title of the Related Topic with Name of the Author
01.	MSc I- Sem 1	Zout 113-Paper 3 Genetics & English in scientific communication.	Plagiarism: meaning, types, avoiding plagiarism. Author Kothari C. R. (2009) Research Methodology: Methods & Techniques. 2nd Revised Edition, New Age International Publishers, New Delhi.

Environment Conservations and Sustainability

S.N.	Class	Name of Paper	Title of the Related Topic with Name of the Author
01.	Ty BSc	ZO-3610- Environmental Impact Assessmen	Overview of Environmental Protection acts: Author Marriott, B. 1997. Environmental Impact Assessment: A Practical Guide. McGraw- Hill, New York, USA.
02	Sy BSc	EVS 231- Environment Awareness Sem -I	Noise and Vibration Monitoring Author Ecology & Environment; Sharma P.D.; Rastogi Publication; Meerut; 11 Rev.Edt.




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Savitribai Phule Pune University



T. Y. B. A.

Generic Elective

Humanities

(Mandatory Course)

Syllabus

4 Credit Course

(To be implemented in 2021-2022)



Generic Elective Syllabus (Mandatory Course)

4 Credit Course- 60 Hours

SEM V	(30 hours)
1. Digital Literacy	6 Hours
<ul style="list-style-type: none">• What is Digital Literacy?• What is role of Digital literacy in professional life?• Trends and opportunities in using digital technology in workplace	6 Hours
2. Social Innovation	
<ul style="list-style-type: none">• What is Social Innovation?• How to identify social problem?• Civic Action and Innovation	12 Hours
3. Social (Graduate)Entrepreneurship and Start Up	
<ul style="list-style-type: none">• What is Social Entrepreneurship: Concept and Functions• What is impact of policies and programmes pertaining to enterprising activities?• What is Start Up?• How to conduct field survey for understanding society/ market?• How to prepare business plan and raising funding for project?	6 Hours
4. Civic Education	
<ul style="list-style-type: none">• What are Fundamental Rights and Duties of Indian Citizens?• What is Social Justice?• What are the marginal sections within the Indian Society?• Role of Panchayat System	
SEM VI	(30 Hours)
Field Work and Project Activity*	
1. Digital Literacy:	6 Hours
<ul style="list-style-type: none">• Internet Basics and Introduction to MS Office tools:<ol style="list-style-type: none">i. Paintii. Officeiii. Exceliv. PowerPoint	
2. Understanding the marginal sections within the society:	6 Hours
<ol style="list-style-type: none">1. Visiting Slum Area around your locality.2. Write a field work report narrating the problems faced by the people living in the locality.	



3. Identify the specific government department concerning with the any specific problem e.g., Sanitation, Electricity, Public Food Distribution and visit the government authority to convey the problems.

3. Graduate Entrepreneurship and Start Up:

12 Hours

1. Visit the Centre for Innovation, Incubation and Linkage center in Savitribai Phule Pune University.
2. Write a detailed report explaining the innovation activities suitable for your residential area or any specific social problem in consultation of course teacher.

4. Your Responsibilities and Rights

6 Hours

A. Understanding Law Enforcement Agencies:

1. Identify the law enforcing authorities you came across in your everyday life.
2. Describe how these authorities work to implement the laws.
3. What are the responsibilities of individual citizens towards government authorities to cooperate with these agencies?
4. What are citizen's rights protected by the constitution of India?

Or

B. Understanding Social Inclusion and Discrimination:

1. What are the Public and Private spaces in your residential locality?
2. Are these places accessible to all individuals without discrimination?
3. Note down your observation and discuss in the class.

Or

C. Understanding Social Occupation:

1. Conduct a survey of your locality to understand the social occupation of the residents.
2. Interview any particular individual or group of individual to understand nature of their work.
3. Observe what are the factors affecting the occupation of people and opportunities available to them.
4. Discuss your observation in the class under the guidance of teacher.

*** The second unit is fully dedicated to project work. Students have to select any two unit to complete the field work.**

References

Digital Literacy

1. Colin Lankshear & Michele Knobel. 2008. Digital Literacies: Concept, Policies and Practices, New York: Peter Lang Publishing
2. Paul E. Ceruzzi. 2003. A History of Modern Computing, Cambridge: MIT Press.
3. Anna Everett and John T. Caldwell (eds.). 2003. New Media: Theories and practices of digitaxuality. New York: Routledge
4. James Gillies and Robert Cailliau. 2000. How the Web Was Born. Oxford: Oxford University Press.



5. Thomas Swiss (ed.). 2000. Unspun: Key Concepts for Understanding the World Wide Web, New York: New York University Press.
6. Gunther Kress. 2003. Literacy in the New Media Age, New York: Routledge
7. Lisa Gitelman. 2006. Always Already New: Media, History, and the Data of Culture, Cambridge, MA: MIT Press.

Social Innovation

1. Philips, Bonefiel and Sharma. 2011. Social Entrepreneurship, New Delhi: Global vision publishing house.
2. Laura Michellini, 2012, Social Innovation and New Business Models: Creating Shared Value in Low-Income Markets, Springer.
3. Stephen Goldsmith. 2010. The Power of Social Innovation: How Civic Entrepreneurs Ignite Community Networks for Good. California: Jossey-Bass.
4. S. Baker .2006. The concept of sustainable development, London: Routledge.
5. Jennifer A Elliot. 2013. An Introduction to Sustainable Development, Oxon: Routledge.
6. Malcolm Gladwell. 2000. The Tipping Point, Boston: Little Brown.
7. Andreasen R. Alan. 2006. Social Marketing in the 21st Century, SAGE Publications.

Graduate/ Social Entrepreneurship

1. Robin Lowe & Sue Marriott (eds.). 2012. Enterprise: Entrepreneurship and Innovation Concepts, Contexts and Commercialization, Taylor & Francis
2. John Bessant & Joe Tidd. 2011. Innovation and Entrepreneurship, Chichester: John Wiley
3. Rabindra N. Kanungo. 1998. "Entrepreneurship and innovation", New Delhi: Sage Publications
4. Roy Rajeev. 2011. Entrepreneurship, New Delhi: Oxford University Press
5. Robert Hisrich, Michael Peters & Dean Shepherd. 2009. Entrepreneurship, New Delhi: Tata McGraw-Hill Publishing Company Limited.

Civic Education

1. Peter Strandbrink. 2017. Civic Education and Liberal Democracy, London: Palgrave Macmillan
2. Dennis Gunn. 2020. Educating for Civic Dialogue in an Age of Uncivil Discourse, New York: Routledge
3. Beth C. Rubin & James M. Giarelli. 2007. Civic Education for Diverse Citizens in Global Times: Rethinking Theory and Practice, New York: Routledge
4. Peterson, A. 2011. Civic Republicanism and Civic Education, UK: Palgrave Macmillan.



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Savitribai Phule Pune University, Pune
For All faculties

**2 credit Compulsory course for all the First Year students in All
Faculties**

Democracy, Election and Governance

Objectives:

1. To introduce the students meaning of democracy and the role of the governance
2. To help them understand the various approaches to the study of democracy and governance

Module 1 Democracy- Foundation and Dimensions

- a. Constitution of India
- b. Evolution of Democracy- Different Models
- c. Dimensions of Democracy- Social, Economic, and Political

Module 2 Decentralization

- a. Indian tradition of decentralization
- b. History of panchayat Raj institution in the lost independence period
- c. 73rd and 74th amendments
- d. Challenges of caste, gender, class, democracy and ethnicity

Module 3 Governance

- a. Meaning and concepts
- b. Government and governance
- c. Inclusion and exclusion

References:

1. Banerjee-Dube, I. (2014). *A history of modern India*. Cambridge University Press.
2. Basu, D. D. (1982). *Introduction to the Constitution of India*. Prentice Hall of India.
3. Bhargava, R. (2008). *Political theory: An introduction*. Pearson Education India.



4. Bhargava, R., Vanaik, A. (2010) *Understanding Contemporary India: Critical Perspective*. New Delhi: Orient Blackswan.
5. Chandhoke. N., Proyadardhi.P, (ed) (2009), '*Contemporary India: Economy, Society, Politics*', Pearson India Education Services Pvt. Ltd, ISBN 978-81-317-1929-9.
6. Chandra, B. (1999). *Essays on contemporary India*. Har-Anand Publications.
7. Chatterjee, P. (1997). *State and Politics in India*.
8. Dasgupta. S., (ed) (2011), '*Political Sociology*', Dorling Kindersley (India) Pvt. Ltd., Licensees of Pearson Education in south Asia. ISBN: 978-317-6027-7.
9. Deshpande, S. (2003). *Contemporary India: A Sociological View*, New Delhi: Viking Publication.
10. Guha, R. (2007). *India After Gandhi: The History of the World's Largest Democracy*, HarperCollins Publishers, New York.
11. Guha, R. (2013). *Gandhi before India*. Penguin UK.
12. Jayal. N.G. (2001). *Democracy in India*. New Delhi: Oxford University Press.
13. Kohli, A. (1990). *Democracy and discontent: India's growing crisis of governability*. Cambridge University Press.
14. Kohli, A., Breman, J., & Hawthorn, G. P. (Eds.). (2001). *The success of India's democracy* (Vol. 6). Cambridge University Press.
15. Kothari, R. (1989). *State against democracy: In search of humane governance*. Apex Pr.
16. Kothari, R. (1970). *Politics in India*. New Delhi: Orient Blackswan.
17. Kothari, R. (1995). *Caste in Indian politics*. Orient Blackswan.
18. Sarkar, S. (2001). *Indian democracy: the historical inheritance. the Success of India's Democracy*, 23-46.

मराठी संदर्भ ग्रंथ:

१. राही श्रुती गणेश., आवटे श्रीरंजन, (२०१९), 'आपलं आयकार्ड', सुहास पळशीकर द युनिक अकॅडमी पब्लिकेशन प्रा.लि.,.
२. व्होरा राजेंद्र., पळशीकर, सुहास.(२०१४). *भारतीय लोकशाही अर्थ आणि व्यवहार*. पुणे : डायमंड प्रकाशन.
३. सुमंत, यशवंत.(२०१८). *प्रा. यशवंत सुमंत यांची तीन भाषणे*. पुणे : युनिक अॅकॅडमी पब्लिकेशन्स प्रा.लि
४. भोळे. भा.ल. (२०१५). *भारतीय गणराज्याचे शासन आणि राजकारण*. नागपूर: पिंपळापुरे बुक प्रकाशन
५. कसबे. रावसाहेब. (२०१०)डॉ. आंबेडकर आणि भारतीय राज्यघटना. पुणे: सुगावा प्रकाशन



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INTRODUCTION TO CONSTITUTION

(TWO CREDITS)

Course Objectives: This course introduces students to the Constitution of India. The Constitution, being supreme law of the land, must be known to every citizen of India. It begins with the Preamble, which indicates the source and objects of it. We, the people of India, are the source of the Constitution and have resolved to constitute India into a sovereign, socialist, secular, democratic and republic. The Course has been designed for everyone to make acquaint themselves with their fundamental rights and of others. No right is absolute one; it is subject to others right, as well. Directive Principles of State Policy are nothing but rights, though not enforceable by any court. These Directive Principles are basically 'Fundamental Principles' in the governance of the country. Powers and freedoms come with responsibility, State's responsibility to implement Directive Principles and citizens must perform their duties towards others, society and nation.

Expected Course Outcomes:

To introduce the philosophy of Constitution of India to students.
To acquaint them with their freedoms and responsibilities.

UNIT 1: PHILOSOPHY OF THE INDIAN CONSTITUTION (5 Hours)

- a) Constitutional History of India
- b) Role of Dr. B.R. Ambedkar in Constituent Assembly
- c) Preamble – Source and Objects
- d) Sovereign and Republic
- e) Socialist and Secular
- f) Democratic – Social and Economic Democracy
- g) Justice – Social, Economic and Political
- h) Liberty – Thought, Expression, Belief, Faith and Worship
- i) Equality – Status and Opportunity
- j) Fraternity, Human Dignity, Unity and Integrity of the Nation



UNIT 2: FUNDAMENTAL RIGHTS (10 Hours)

- a) Right to equality
- b) Right to freedoms
- c) Right against exploitation
- d) Right to freedom of religion
- e) Cultural and educational rights
- f) Right to property
- g) Right to constitutional remedies

UNIT 3: DIRECTIVE PRINCIPLES OF STATE POLICY (10 Hours)

- a) Equal Justice and free legal aid
- b) Right to work and provisions for just and humane conditions of work
- c) Provision for early childhood, Right to education and SC,ST, weaker section
- d) Uniform Civil Code
- e) Standard of Living, nutrition and public health
- f) Protection and improvement of environment
- g) Separation of Judiciary from executive
- h) Promotion of International peace and security

UNIT 4: FUNDAMENTAL DUTIES (5 Hours)

- a) Duty to abide by the Constitution
- b) Duty to cherish and follow the noble ideals
- c) Duty to defend the country and render national service
- d) Duty to value and preserve the rich heritage of our composite culture
- e) Duty to develop scientific temper, humanism ,the spirit of inquiry & reform
- f) Duty to safeguard public property and abjure violence
- g) Duty to strive towards excellence

Text/Reference Books:

- a) D. D. Basu, Introduction to the Constitution of India, LexisNexis
- b) Granville Austin, The Constitution of India: Cornerstone of a Nation, Oxford University Press
- c) Subhash Kashyap, Our Constitution, National Book Trust
- d) M.P. Jain, Indian Constitutional Law, LexisNexis



- e) V.N.Shukla, Constitution of India, Eastern Book Company
- f) P.M. Bakshi, The Constitution of India, Universal Law Publishing
- g) M.V.Pylee, Constitutional Government in India, S. Chand
- h) V. S. Khare, Dr. B.R.Ambedkar and India's National Security
- i) डॉ. सत्यरंजन साठे, भारताच्या राज्यघटनेची ५० वर्षे, कॉन्टिनेन्टल प्रकाशन
- j) नरेन्द्र चपळगावकर, राज्यघटनेचे अर्धशतक, मौज प्रकाशन गृह
- k) सुहास पळशीकर, राजकारणाचा ताळेबंद भारतीय लोकशाहीची वाटचाल, साधना प्रकाशन
- l) जयदेव गायकवाड, संविधान सभेत डॉ. आंबेडकर, पद्मगंगा प्रकाशन
- m) झिया मोदी, टेन जजमेंट्स दॅट चेंज्ड इंडिया, सकाळ प्रकाशन
- n) डॉ. रावसाहेब कसबे, डॉ. आंबेडकर आणि भारतीय राज्यघटना, सुगावा प्रकाशन




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Ref.BCUD/76

Dt. 18.03.2015


To,
The Principal/ Directors.
All Affiliated colleges
All Recognized institute
Savitribai Phule Pune University,
Pune

Subject: Guidelines regarding evaluation of Cyber security courses of 4 credits.

Dear Sir/Madam,

As per decision taken by the University authorised, Cyber Security courses of 4 credits has been incorporated in the syllabi of Post graduate courses. We hereby, would like to give the guidelines for the evaluation of these courses. We hereby, would like to give the guidelines for the evaluation of these courses attached herewith.

With regards,


Dr. V. B. Gaikwad
Director, BCUD



GUIDELINES FOR EVALUATION OF CYBER SECURITY COURSES OF 4 CREDITS

From the academic year 2014-15, the cyber security courses for 4 credits have been incorporated in the curriculum of Post-graduate degree programmes of Savitribai Phule Pune University.

- Cyber security courses has been divided into 4 modules namely :

Name of Modules	No. Of credit	No. Of hours	No of Marks
Module : 1 Pre-requisites in Network and Information Security	One credit	14	25
Module : 2 Security Management	One credit	13	25
Module : 3 Information and Network Security	One credit	13	25
Module:4 System and Application Security	One credit	20	25

- Evaluation comprises of the Internal Assessment of the aforesaid modules are on the basis of following components:

Name of module	Examination pattern		Marks	
Module 1	Written Examination	Objective questions, MCQs, define/answer in one sentence	7	15
		Two descriptive questions of short answers	8	
	Hands on /Practical examination along with viva			10
Total				25
Module 2	Written Examination	Objective questions, MCQs, define/answer in one sentence	7	15
		Two descriptive questions of short answers	8	
	Hands on /Practical examination along with viva			10
Total				25
Module 3	Written Examination	Objective questions, MCQs,	7	15



		define/answer in one sentence		
		Two descriptive questions of short answers	8	
	Hands on /Practical examination along with viva			10
Total				25
Module 4	Written Examination	Objective questions, MCQs, define/answer in one sentence	7	15
		Two descriptive questions of short answers	8	
	Hands on /Practical examination along with viva			10
Total				25
GRAND TOTAL				100

- Course- related skill-based practical work will be entirely based on the skills to be developed in the students. It may include the topics as has been prescribed in the syllabi of every module.
- Practical components may be based on laboratory work, on job industrial training, working with NGO or similar organizations, project, group discussion, presentation etc. unless otherwise clearly specified in the given syllabi of all the courses.
- College is supposed to maintain the record of marks allotted to the practical work carried out by the students.
- There shall be combine passing (written exam + practical, viva) of 40%.



PRINCIPAL
Dada Pothi Mahavidyalaya
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Savitribai Phule Pune University, Pune
S. Y. B. A. Political Science
(CBCS pattern to be implemented from 2020-2021)
Core Course (C.C.)
AN INTRODUCTION TO POLITICAL IDEOLOGIES

Objectives:

- This course is designed to acquaint students with the –
1. Role of different political ideologies and their impact in politics
 2. Close link between an idea and its actual realization in public policy
 3. Legacy of all the major ideologies

	SEMESTER III	PERIOD
	CC-1 C (3)	
Unit 1: Ideology		12
a) Origin, Meaning, Definition		
b) Nature		
c) Scope		
Unit 2: Nationalism		11
a) Meaning, Definitions and Elements		
b) Progressive and Reactionary		
c) Internationalism		
Unit 3: Democratic Socialism		11
a) Meaning and Nature		
b) Features		
c) Achievements and Limitations		
Unit 4: Fascism		11
a) Principles		
b) Factors responsible for the rise of Fascism		
c) Evaluation		
	SEMESTER IV	
	CC-1 D (3)	
Unit 5: Marxism		12
a) Historical Materialism		
b) Marxian State		
c) Neo Marxism		



Unit 6: Phule-Ambekarism	11
a) Equality	
b) Cast & Religion	
c) Democracy	
Unit 7: Gandhism	11
a) Truth and Non-Violence	
b) Theory of Gram Swaraj	
c) Satyagraha	
Unit 8: Feminism	11
a) Meaning and Nature	
b) Liberal Feminism	
c) Feminism in India : Caste and Patriarchy	

Readings:

1. D. Bell, 1960, *The End of Ideology*, New York, The Free Press.
2. देवरे सुरेश, २०२०, *राजकीय विचार प्रणाली*, (Semester 3, e-Book), Amazon Asia Pacific Hoardings Pvt. Ltd.
3. देवरे सुरेश, २०२०, *राजकीय विचार प्रणाली*, (Semester 4, e-Book), Amazon Asia Pacific Hoardings Pvt. Ltd.
4. E. Gellner, 1983, *Nations and Nationalism*, Oxford, Blackwell.
5. गायकबाड संजय, २०१९, *मार्क्स आंबेडकर परिप्रेक्ष्यातून शिक्षण आणि रोजगार*, पुणे, शब्दसंग प्रकाशन.
6. J. Bondurant, 1965, *Conquest of Violence: the Gandhian Philosophy of Conflict*, Berkeley, University of California Press.
7. L. P. Baradat, 1989, *Political Ideologies: Their Origins and Impact*, Englewood Cliffs NJ, Prentice Hall.
8. P. Gay, 1952, *The Dilemma of Democratic Socialism: Eduard Bernstein's challenge to Marx*, New York, Columbia University Press.
9. R. M. Christenson, et al., 1971, *Ideologies and Modern Politics*, London, Thomas Nelson and Sons.
10. R. N. Berki, 1975, *Socialism*, London, John Dent and Sons.
11. R. N. Iyer, 1973, *The Moral and Political Thought of Mahatma Gandhi*, New York, Oxford University Press.
12. Sayyad Yasinbhai Gulabbhai, 2018, *Modern Political Theory*, Kanpur, International Publication.
13. Sir I. Berlin, 1981, "Nationalism: Past Neglect and Present Power" in H. Hardy (ed.) *Against the Current*, Oxford, Oxford University Press.
14. तनपुरे संभाजी आणि भुमकार हनुमंत, २०१७, *राजकीय विचार प्रणाली*, औरंगाबाद, चिन्मय प्रकाशन.
15. The Liberal Tradition in China, 1983, *Hong Kong and New York*, Chinese University, Hong Kong Press.



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**Savitribai Phule Pune University,
Pune**

**NCC Practical Syllabus
and other Points**

**Syllabus for First / Second / Third Year Programs
of
Arts/Commerce/Science/Others Faculties**



INSTITUTIONAL TRAINING : SEMESTER WISE THEORY
DETAILED SYLLABUS (ARMYCADETS)

SEMESTER I					
Sr. No	Subject	periods	Chapter	Lesson	Hours
1	NCC General	6	NCC-I	Aims, Objectives and org of NCC	1
			NCC-II	Incentives	2
			NCC- III	Duties of NCC cadets	1
			NCC- IV	NCC Camps : types and conduct	2
2	National integration and awareness	4	NI-I	National integration : importance and necessity	1
			NI-II	Factors affecting national integration	1
			NI-III	Unity in diversity	1
			NI-IV	Threats to National security	1
3	Personality Development	2	PD- I	Factors Self – awareness Empathy Critical and creative thinking Decision Making and problem solving	2
4	Social service and community development	3	SSCD-1	Basic of social service Rural Development programmes NGO's Contribution of youth.	3
TOTALHOURS					15
TOTALCREDITS					1

SEMESTER II					
S. No	Subject	periods	Chapter	Lesson	Hours
5	Personality Development	5	PD-II	Communication skills	3
			PD-III	Group Discussion– coping with stress And emotions	2
6	Leadership	5	L- I	Leadership Capsule Traits Indicators Motivation Moral Values Honor Code	3
			L-II	Case Studies Shivaji, Jhansi ki Rani	2
7	Social Service and community development	5	SS-IV	Protection of children & women safety	1
			SS-V	Road/Rail Travel Safety	1
			SS-VI	New initiatives	2
			SS- VII	Cyber and mobile security awareness.	1
TOTALHOURS					15
TOTALCREDITS					1



SEMISTER V					
S. No	Subject	periods	Chapter	Lesson	Hours
18	Personality Development	6	PD-II	Group Discussions-Teamwork	2
			PD-IV	Public speaking	4
19	Border & Coastal areas	2	BCA-II	Security setup and border/coastal Management in the area	2
20	Introduction to infantry Battalion and its Equipment's	3	INF-1	Organization of infantry Battalion & its weapons	3
21	Military History	4	MH-3	Study of battles of indo-pak wars 1965 & 1971	4
TOTALHOURS					15
TOTALCREDITS					1

SEMISTER VI					
S. No	Subject	periods	Chapter	Lesson	Hours
22	Personality development	2	PD-IV	Career counseling, SSB procedure and Interview skills	3
23	Border & coastal Area	2	BCA- III	Security challenges & role of cadets in Border management	2
24	Armed forces	3	AF- 2	Modes of entry into army, police and CAPF	3
25	Military History	19	MH-1	Biographies of renowned generals	6
			MH-2	War heroes Param Veer Chakra Awardees	3
			MH-3	Study of Battles of Kargil	2
			MH-4	War movies	8
26	Communication	3	C- 1	Introduction to communication & Latest Trends	3
TOTALHOURS					30
TOTALCREDITS					2



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