

Hindi Vidya Prachar Samiti's

Ramniranjan Jhunjhunwala College

of Arts, Science & Commerce

(Autonomous College)

Affiliated to

UNIVERSITY OF MUMBAI

Syllabus for the F.Y.B.Sc.

Program: B.Sc. Foundation Course I

Program Code: RJSUFC

(CBCS 2018-19)

DISTRIBUTION OF TOPICS AND CREDITS

F.Y.B.SC FOUNDATION COURSE SEMESTER I

Course	Nomenclature	Credits	Topics
RJSUFC101	Foundation Course I	02	Unit I :Overview of Indian Society: Unit II: Concept of Disparity Unit III: The Indian Constitution Unit IV: Significant Aspects of Political Processes

F.Y.B.SC. FOUNDATION COURSE SEMESTER II

Course	Nomenclature	Credits	Topics
RJSUFC201	Foundation Course I	02	Unit I: Globalization
			and Indian Society
			Unit II: Human Rights
			Unit III: Ecology
			Unit IV:
			Understanding and
			Managing Stress and Conflict

RJ College of Arts, Science & Commerce

(AUTONOMOUS) Foundation Course Proposed Syllabus For Choice Based Credit System FOUNDATION COURSE – I FYBSC RJSUSFC101

To be implemented from the Academic year 2018-19

Objectives:

- i. Develop a basic understanding about issues related to disparity in society and the various challenges that society faces.
- ii. Gain an overview of the Indian Constitution, Political Processes in India, and human rights.
- iii. Understand stress and conflict and know how to deal with them.

Learning Outcomes:

- i. Students will understand the Indian society and the disparity that prevails.
- ii. Students will be sensitized and have a basic understanding of issues on human rights, the constitution and political processes.
- iii. Students will be inculcated with knowledge about stress and conflict, and learn to deal with them.

PAPER CODE: RJSUFC101 SEMESTER I- 60 Marks + 40 Marks

Lectures: 45 Credits: 2

Course Code	Unit	Topic s	L/Week
	I	Overview of Indian Society	
F.C	IIA	Concept of Disparity	3
	II B	Concept of Disparity	
	III	The Indian Constitution:	
	IV	Significant Aspects of Political	
	- '	Processes	

PAPER CODE: RJSUFC101

SEMESTER II- 60 Marks+ 40 Marks

Lecture: 45 Credits :2

Course Code	Unit	Topics	L/Week
E.C.	I	Globalization and Indian Society	2
F.C	II	Human Rights	3
	III	Ecology	
	IV	Understanding and Managing Stress and Conflict	

SYLLABUS OF SEMESTER I

Course Code RJSUSFC101	Credits 02	
F.C (45 Lectures)		
Unit I :Overview of Indian Society:		Lectures
Understand the multi-cultural diversity of Indian society through its demographic composition:		
Population distribution according to religion	, caste, and gender;	
Understand regional variations according to rural, urban and tribal characteristics.		
Unit II: Concept of Disparity		
(A) Understanding the concept of disparity as arising out of inequality based on caste and class.		
Explore the disparities arising out of gender with special reference to violence against women, female foeticide (declining sex ratio), and portrayal of women in media;		
Unit II: Concept of Disparity (B)		
Understand intergroup conflicts, its causes an communalism, casteism, regionalism and ling	•	

Unit III: The Indian Constitution:	12
Philosophy of the Constitution as set out in the Preamble;	
Basic features of the Constitution.	
Fundamental Duties of the Indian Citizen; tolerance, peace and communal harmony as crucial values in strengthening the social fabric of Indian society;	

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F.Y.B.Sc Foundation Course Syllabus Semester I & II

Unit IV: Significant Aspects of Political Processes:	
The party system in Indian politics; Local government in urban and rural areas. Role and significance of women in politics. Participation of youth in politics.	

Examination Pattern

Internals- 40 Marks

Two internal online tests, 20 marks each. External Examination: Paper Pattern:

 $Q.\ 1$ from Module I-15 marks

 \mathbf{Or}

- Q.1 from Module I-15 marks
- Q.2 from Module II 15 marks

Or

- Q.2 from Module II 15 marks
- Q.3 from Module III 15 marks

Or

- Q.3 from Module III- 15 marks
- Q. 4 from Module IV 15 marks

 \mathbf{Or}

Q. 4 from Module IV – 15 marks

PAPER CODE: RJSUFC201

SYLLABUS FOR SEMESTER II

Course Code Credits		
RJSUFC201 F.C	(2) (45 Lectures)	
	(10 _0000_00)	
Unit I: Globalization and Indian Society: Understanding the concepts of liberalization, privatization and globalization – its causes and impact Impact of globalization on industry:		
Impact of globalization on Agriculture		
Unit II: Human Rights Concept of Human Rights; origin and evolution of the concept; The Universal Declaration of Human Rights; Human Rights constituents with special reference to Fundamental Rights stated in the Constitution		
Unit III: Ecology Concept and Scope of Ecology Threats to the environment arising from extidegradation of environment. Pollution and comparison of the environment concept and comparison environment. Environment and daily life (Eco Tips).	limate change.	11

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F.Y.B.Sc Foundation Syllabus Semester I & II

Unit IV: Understanding and Managing Stress and Conflict:	
Stress and Stress Management.	11
Conflicts and Coping Mechanisms; Conflicts at individual and societal levels.	
Significance of values and ethics towards building peace and harmony.	

Examination Pattern

Internals-40 Marks

Two internal online tests, 20 marks each. External Examination: Paper Pattern:

Q. 1 from Module I-15 marks

 \mathbf{Or}

- Q.1 from Module I 15 marks
- Q.2 from Module II 15 marks

Or

- Q.2 from Module II 15 marks
- Q.3 from Module III 15 marks

Or

- Q.3 from Module III- 15 marks
- Q. 4 from Module IV 15 marks

Or

Q. 4 from Module IV – 15 marks

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F.Y.B.Sc Foundation Syllabus Semester I & II

Reading List

- 1. Dharmapal, Atharvya Shatakatil Bhartiya Vidnyan ani Tantradnyan, Bhartiya Shikshan Mandal, Nagpur, 2013
- 2. Kulkarni, Dileep, Badluya Jeevanshaili, Bhag 1 ani 2, Rajhans Prakashan, Pune.
- 3. Kulkarni, Dileep, Nisargayan, Rajhans Prakashan, Pune, 2005
- 4. M. Laxmikanth, Indian Polity, Tata McGraw Hill, New Delhi, 2013.
- 5. Parnell, Anthony, The 7 Laws of Stress Management, Indra Publishing House, New Delhi, 2009.
- 6. Lesikar, Flatley, Rentz, Paaaande, Business Communication Making Connections in a Digital World, Mc Graw Hill Pub, 2009
- 7. Murphey Herta, Hilderbrandt , Thomas Effective Business Communication, , The Mc Graw Hill Company, 2008
- 8. M.Ashraf Rizvi. Effective Technical Communication, Tata Mc Graw-Hill Publishing Company Limited, New delhi, 2005.
- 9. Durga Das Basu, An Introduction to the Constitution of India, Prentice Hall, 1982
- 10. P.M.Bakshi, Constitution of India, Universal Law Publishing, 2010
- 11. Jhabwalla, Noshirvan H, The Constitution of India, c. Jamnadas & Co., 2004 Page **10** of **13**

- 12. History of Indian Science & Technology: Overview of the 20-Volume Series By Rajiv Malhotra and Jay Patel, Sponsored by Infinity Foundation.
- 13. Agrawal, D.P. 1990. Origin of metallurgy in Asia. In History of Science & Technology in India (Ed.) G. Kuppuram& K. Kumudamani. Delhi: SundeepPrakashan.
- 14. Badoni, Arun&KiranBadoni (2001). Ethnobotanical heritage. In: Garhwal Himalaya: Nature, Culture and Society(Eds. O. P. Kandari and O. P. Gusain.). Transmedia, Media House, Srinagar, Garhwal. Pp: 127-147.
- 15. Jain, S. K. (1991). Dictionary of Indian Folk Medicine and Ethnobotany. Deep Publications, New Delhi.
- 16. Jain, S. K. (Ed.). (1996). Ethnobiology in Human Welfare. Deep Publication, New Delhi.
- 17. Kalra, S. K. (1997). Veterinary Science. In: History of Technology in India (Ed. A. K. Bag). Indian National Science Academy, New Delhi.
- 18. Pal, D. C. & S. K. Jain (1998). Tribal Medicine. Naya Prokash, Culcutta.
- 19. Maikhuri., R. 1992. Ecology, Environmental and Sustainable Development in Economic Development and Environment: A Case Study of India (Ed.) K.C. Ray, C.A. Tisdell and R.K. Sen. Delhi: Oxford University Press.
- 20. Agrawal, B.B., K.K. Parsad, G.I.S. Chauhan, P.K. Chaudhury and S.M. Aeron. 1998. Evolution of early iron making processes and their relevance in Indian context: In Achaeometallurgy in India (Ed.) VibhaTripathi. Delhi: Sharada Publishing House.
- 21. Agrawal, D.P. 1970. Metal Technology of the Harappan Culture and its Socio-economic Implications. Indian Journal of History of Science 5(2)
- 22. Agrawal, D. P. 1971. The Copper Bronze Age in India. New Delhi: Munshiram Manoharlal.
- 23. Tripathi, Vibha. 2001. The Age of Iron in South Asia. New Delhi. Aryan Books International.

(Human Rights, Public Interest)

- 24. Shivananda, J. Human Rights. Alfa Publications, New Delhi, 2006
- 25. Rajawat, M. Human Rights and Dalits. Anmol Publications, New Delhi, 2005
- 26. Kaushal, R. Women & Human Rights in India; Kaveri Books, New Delhi, 2000
- 27. Bajpai, A. Child Rights in India; Oxford University Press; New Delhi; 2003
- 28. Biju, M.R. Human Rights in a Developing Society; Mittal Publications, New Delhi, 2005
- 29. Prakash Kumar & Rai, K. B. Right to Know; Vikas Publishing House, NOIDA, 2008
- 30. Naib, Sudhir The Right to Information Act,2005: A Handbook; OUP, New Delhi; 2011
- 31. Sathe, S. P. Judicial Activism in India; OUP; New Delhi, 2002

(Ecology)

- 32. Satpathy, N. Sustainable Development (An Alternative Paradigm); Karnavati Publications, Ahmedabad,
- 33. Pachauri R.K & 1998
- 34. Srivastava L. (eds.) Global Partners for Sustainable Development; Tata Energy Research Institute, New Delhi; 1994
- 35. Shiva, Vandana Ecology and the Politics of Survival: Conflict over Natural Resources in India; Sage Publications, California, 1991
- 36. Pereira, W Inhuman Rights: The Western System and Global Human Rights Abuse; Apex Press; 1997
- 37. Pereira, W & Asking the Earth: Farms, Forestry and Survival in India; Earthscan Publications; 1991

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F.Y.B.Sc Foundation Syllabus Semester I & II

- 38. Goel, S.L. Encyclopedia of Disaster Management, Vol. I, II & III; Deep and Deep Publications Pvt. Ltd., New Delhi; 2006
- 39. Parasuraman S. & Unnikrishnan P.V: India Disasters Report; Oxford University Press, New Delhi, 2000

Science and Technology)

- 40. Encyclopaedia of Science and Technology; McGraw Hill Publication
- 41. J B S Haldane Science and Everyday Life; Macmillan, 1941. Penguin, Ayer Co. 1975 reprint: ISBN 0-405-06595-7
- 42. Kleinman Daniel Lee Science and Technology in Society; John Wiley and Sons; 2005