

Academic Council Meeting No. and Date : 4 / June 14, 2022

Agenda Number : 2

Resolution Number : 4.8 & 4.16



**Vidya Prasarak Mandal's
B. N. Bandodkar College of
Science (Autonomous), Thane**



Syllabus for

Programme : Bachelor of Science

Specific Programme : N.S.S.

[S.Y.B.Sc. N.S.S.]

Revised under Autonomy

From academic year 2022 - 2023

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Preamble

The Motto of NSS is “Not Me But You”, reflects the essence of democratic living and upholds the need for self-less service. NSS helps the students develop appreciation to other person’s points of view and also show consideration to other living beings. The philosophy of the NSS is well doctrine in this motto, which underlines on the belief that the welfare of an individual is ultimately dependent on the welfare of the society on the whole and therefore, the NSS volunteers shall strive for the well-being of the society.

The syllabus is aimed to achieve the objectives:

1. Understand the community in which they work.
2. Understand themselves in relation to their community.
3. Identify the needs and problems of the community and involve them in problem-solving.
4. Develop among themselves a sense of social and civic responsibility.
5. Utilize their knowledge in finding practical solutions to individual and community problems.
6. Develop competence required for group-living and sharing of responsibilities.
7. Gain skills in mobilizing community participation.
8. Acquire leadership qualities and democratic attitudes.
9. Capacity to meet emergencies Develop and natural disasters.
10. Practice national integration and social harmony.

Eligibility :

Passed 12th standard (HSC) of Maharashtra State Board /
CBSE / ICSE board.

Duration: 2 years

Mode of Conduct :

Field activities at College and University level/ Offline
lectures / Online lectures

Program Outcome

Program Specific Outcome

1. Improve the quality of educated manpower by fostering social responsibility
2. Raising society to a higher material and moral level by preparing students for final dedication in the service of nation
3. Introduce urban students to rural life by living in contact with the community in whose midst their institution is located
4. Making campus relevant to the needs of the community
5. Develop constructive linkage between the campus and the community by supplementing technical education with social and economic reconstruction of the country
6. Involvement in the tasks of national development
7. Better understanding and appreciation of the problems of the society
8. Encourage Community participation

**VPM's B.N.Bandodkar College of Science (Autonomous),
Thane**

S.Y.B.Sc. (N.S.S.)

Structure of Programme

CourseCode	Course Title	No. of lectures	Credits
BNBUSNSS3T1	NSS Studies	45	2

CourseCode	Course Title	No. of lectures	Credits
BNBUSNSS4T1	NSS Studies	45	2

Semester III

Course Code	Course Title	Credits	No. of lectures
BNBUSNSS3T1	NSS Studies	2	
Course Outcomes: Upon completion of this course, students will be able to. <ul style="list-style-type: none"> • Understand human values and the importance of gender sensitization. • Understand the disaster management process and role of NSS volunteer as first responder. • Understand the importance of health and hygiene • Understand the importance and ways of energy conservation 			
Sr. No.	Modules / Units		
1	Value System & Gender Sensitivity		
	UNIT -I Value System <ul style="list-style-type: none"> • Meaning of Values, Types of Values • Human Values & Social Responsibilities • Indian Value System – the Concepts and its Features • Eleven Vows UNIT - II Gender Sensitivity and Women Empowerment <ul style="list-style-type: none"> • Concept of Gender • Causes behind Gender related problems and remedial measures. • Meaning of Woman Empowerment • Various Schemes for Woman Empowerment in India 		
2	Disaster Preparedness & Disaster Management		
	UNIT - I Basics of Disaster Preparedness Disaster – its meaning and types <ul style="list-style-type: none"> • Disaster Preparedness – its meaning and methods • Help lines Numbers • First Aid techniques • Breathing techniques (Rescue Methods -CPR) • Various Types of Knots and Stretchers UNIT -II Disaster Management <ul style="list-style-type: none"> • Disaster Management –Concept • Disaster Cycle • Role of Technology in Disaster Response • Role of volunteer First responder • Disaster Management Cells at different levels and its functioning • Sendai Convention 		
3	Health, Hygiene & Diseases		

	<p>UNIT – I Meaning of Health and Hygiene</p> <ul style="list-style-type: none"> • Indicators (Physical &Mental), • Role of Health inDevelopment • Public Health System in India (include different schemes NHM, JSSY,Aayush, Healthinsurance) • Maintenance ofHygiene • Sanitation <p>UNIT – II Diseases and Disorders – Preventive Campaigning</p> <ul style="list-style-type: none"> • Diseases andDisorders • Communicable and Non-CommunicableDiseases • Preventive Campaigning in Malaria, Tuberculosis, Dengue, Cancer,HIV/AIDS, Diabetes,Malnutrition 	
4	Environment & Energy Conservation	
	<p>UNIT - I Environment and Environment Enrichment Programme Environment – Meaning, Features, Issues, Conservation of Natural Recourses and Sustainability in Environment with respect to water conservation types.</p> <ul style="list-style-type: none"> • Bandhara, CCT(Continuous Contour trench), Rain WaterHarvesting • Environmental Movements inIndia <p>UNIT - II Energy and Energy Conservation Programme</p> <ul style="list-style-type: none"> • Energy – the concept,features • Conventional and non – conventionalenergy • Energy Conservation – the meaning and importance. 	

References:

Sr. No.	Title
1.	University of Mumbai National Service Scheme Manual
2.	<ol style="list-style-type: none"> 1. https://psychology.fandom.com/wiki/Value_systems 2. https://ncpe.gov.in/en/Documents/Projects_and_Specific_Initiatives/Living_Equality/manual.pdf 3. https://think-asia.org/bitstream/handle/11540/5035/disaster-management-handbook.pdf?sequence=1 4. https://egyankosh.ac.in/bitstream/123456789/17262/1/Unit-1.pdf 5. https://new.siemens.com/global/en/company/stories/home.html?gclid=Cj0KCQiAw9qOBhC-ARIsAG-rdn4oLgrweqkLwGhD40zaBQWlAjZcyEe4A-4dt4hlgpjRJBiri5N-dRIaArq3EALw_wcB#Energy 6. http://www.thebetterindia.com/140/national-service-scheme-nss/ 7. http://en.wikipedia.org/wiki/national-service-scheme 8. http://nss.nic.in/adminstruct 9. http://nss.nic.in/propexpan 10. http://nss.nic.in 11. http://socialworkness.org/about.html

Semester IV

Course Code BNBUSNSS4T1	Course Title NSS Studies	Credits 2	No. of lectures
<p>On completion of the course, student will acquire Knowledge and will be able to–</p> <ul style="list-style-type: none"> • Understand the concepts and various schemes for Entrepreneurship development. • Understand the History of cottage industries and government policies to encourage them • Understand the process in resources mobilization and the concept of Ideal Village • Understand the origin and functioning of Voluntary and Non-Government organizations 			
Sr. No.	Modules / Units		
1	Entrepreneurship Development and Schemes		
	UNIT - I Entrepreneurship Development <ul style="list-style-type: none"> • Entrepreneurship Development – its meaning • Attributes of Entrepreneur • Women Entrepreneur UNIT - II Government and Self – Employment Schemes for Entrepreneurship Development <ul style="list-style-type: none"> • Skill India • Startup India • Digital India • Make in India • NITI Aayog 		
2	Cottage Industries in India		
	UNIT - I Cottage Industries – it's meaning <ul style="list-style-type: none"> • Pre – Independent & Post - Independence Scenario • Marketing of Cottage Products and Outlets UNIT - II Government Policies to encourage Cottage Industries <ul style="list-style-type: none"> • Hurdles in the Development of Cottage Industries 		
3	Rural Resource Mobilization and Ideal Village		
	UNIT - I Resources Mobilization – Meaning <ul style="list-style-type: none"> • Case Study of Eco – Village, Eco – Tourism, Agro – Tourism UNIT - II Concept of “ Ideal Village “ <ul style="list-style-type: none"> • Gandhian Concept of “ Ideal Village “ • Case Studies on Ideal Village – Ralegansiddhi, Hiware Bazar, Mendha Lekha 		
4	Voluntary Organizations and Non-Govt. Organizations in Maharashtra		
	UNIT - I <ul style="list-style-type: none"> • Search • Anandwan • Muktaangan • Akshara Centre • Annamrita- ISKCON Food Relief Foundation • Antarang Foundation UNIT - II <ul style="list-style-type: none"> • Snehalay • Halo Medical Foundation(HMF) • Bharatiya Agro Industries Foundation(BAIF) • Apnalaya • Ashadeep Association 		

	<ul style="list-style-type: none"> Dignity foundation 	
References:		
Sr. No.	Title	
1.	University of Mumbai National Service Scheme Manual	
2.	<ol style="list-style-type: none"> https://leverageedu.com/blog/entrepreneurship-development/ https://www.giveindia.org/all-ngos/maharashtra/ https://msme.gov.in/entrepreneurship-and-skill-development-programs https://www.civilserviceindia.com/subject/Management/notes/government-policies.html http://www.thebetterindia.com/140/national-service-scheme-nss/ http://en.wikipedia.org/wiki/national-service-scheme http://nss.nic.in/adminstruct http://nss.nic.in/propexpan http://nss.nic.in http://socialworkness.org/about.html 	

Evaluation Scheme:

I Internals

NSS Activity Participation	Survey based Project	Field Activity Report	Leadership Quality	Total
10	10	10	10	40

II Theory Examination: Suggested Format of Question paper

Duration: 2 Hours

Total

Marks:60

- All questions are compulsory

Q. 1	Answer <i>any two</i> of the following	16
	a Based on Unit I	
	b Based on Unit I	
	c Based on Unit I	
Q. 2	Answer <i>any two</i> of the following	16

	a	Based on Unit II	
	b	Based on Unit II	
	c	Based on Unit II	
Q. 3	Answer <i>any two</i> of the following		16
	a	Based on Unit III	
	b	Based on Unit III	
	c	Based on Unit III	
Q. 4	Answer <i>any three</i> of the following		12
	a	Based on Unit I	
	b	Based on Unit I	
	c	Based on Unit II	
	d	Based on Unit II	
	e	Based on Unit III	
	f	Based on Unit III	

Marks Distribution and Passing Criterion for Each Semester

Theory				
Course Code	Internal	Min marks for passing	Theory Examination	Min marks for passing
BNBUSNSS3T1	40	16	60	24

Theory				
Course Code	Internal	Min marks for passing	Theory Examination	Min marks for passing
BNBUSNSS4T1	40	16	60	24

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