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



**Syllabus for
Extension Work in Vertical VI - CC
Specific Programme: [DLLE]
Department of Lifelong Learning and Extension
activities
Level 5.0
CHOICE BASED GRADING SYSTEM**

**Revised under NEP
From academic year 2024-25**

Preamble:

The National Education Policy (NEP) 2020 is a comprehensive framework introduced by the Government of India to revamp the country's education system. It has replaced the previous National Policy on Education, which has aim to ensure universal access to quality education from preschool to higher education, including vocational education. NEP 2020 emphasizes a more holistic, multidisciplinary, and flexible curriculum which lay emphasis on conceptual understanding rather than rote learning allowing students to choose subjects acrossdisciplines without strict boundaries.

The National Education Policy (NEP) 2020 of India addresses the role of higher education institutions in fostering community engagement and extension work. It highlights the social responsibility of higher education institutions towards their communities. It encourages institutions to engage with local communities, address societal challenges, and contribute to sustainable development. The policy promotes the implementation of outreach programs by higher education institutions to disseminate knowledge, provide services, and support community development. These programs may include literacy campaigns, career development programs, social issues awareness programs, health and hygiene initiatives, skill development workshops, and technology-oriented activities. The policy suggests integrating extension work into the curriculum of higher education programs. This allows learners to gain practical experience, develop leadership skills, and contribute to community development while pursuing their studies. It recognizes incentives to encourage active engagement in community service and extension activities.

Overall, NEP 2020 recognizes the significant role of higher education institutions in promoting community engagement, social responsibility, and sustainable development through extension work. By integrating extension activities into their mission and operations, institutions can contribute in building inclusive and resilient societies.

Extension work in the context of education refers to the activities and programs conducted by educational institutions to engage with communities, address societal needs, and promote social development.

Dr. Ujjwala B. Gokhe
Chairperson, BOS, DLLE
VPM's B.N.Bandodkar College of Science (Autonomous), Thane

PROGRAMME OUTCOMES (POs) OF BACHELOR OF SCIENCE (B.Sc.)

The Undergraduate Programmes of Science are intended to cater quality education and attain holistic development of learners through the following programme outcomes:

PO1 - Disciplinary Knowledge

Lay a strong foundation of conceptual learning in science. Instil ability to apply science in professional, social and personal life.

PO2 - Inculcation of Research Aptitude

Ignite spirit of inquiry, critical thinking, analytical skills and problem-solving approach which will help learners to grasp concepts related to research methodology and execute budding research ideas.

PO3 - Digital Literacy

Enhance ability to access, select and use a variety of relevant information e-resources for curricular, co-curricular and extracurricular learning processes.

PO4 - Sensitization towards Environment

Build a cohesive bond with nature by respecting natural resources, encouraging eco-friendly practices and creating awareness about sustainable development.

PO5 - Individuality and Teamwork

Encourage learners to work independently or in collaboration for achieving effective results through practical experiments, project work and research activities.

PO6 - Social and Ethical Awareness

Foster ethical principles which will help in developing rational thinking and becoming socially aware citizens. Build an attitude of unbiased, truthful actions and avoid unethical behaviour in all aspects of life.

Eligibility:

Admission in BSc Second Year

Duration: 1 Year (Syllabus for Second Year semester III & IV)

Mode of Conduct: Offline/ Online

- ❖ Field activities at College and University level
- ❖ Area based projects

Discipline/Subject: **DLLE**

Specific Programme: B.Sc.

Level: 5.0

Qualification Title: UG certificate

Aim of Extension Work under NEP:

- Extension work aims to identify and address the specific needs and challenges faced by communities. NEP 2020 encourages higher education institutions to engage with local communities and contribute to their development by offering programs and services that address social needs, such as literacy programs, health awareness campaigns, and vocational training.
- Extension work aims to empower communities by providing them with the knowledge, skills, and resources they need to address their own requirements and improve their quality of life.

Key objectives of Extension Work under NEP:

- To ensure equal access to quality education and educational opportunities to aspirants.
- To support the government initiatives in achieving universal foundational literacy and numeracy as per sustainable development program.
- To organize remedial programs to address the learning breaches among the youth and provide unending education opportunities.
- To offer more holistic, multidisciplinary, and flexible curricular activities with an emphasis on conceptual understanding and personality development.
- To offer a wide range of activities & promote critical thinking, creativity and innovation.
- To provide aspirants with multiple pathways for skill development and employment.
- To implement outreach programs to disseminate knowledge, provide services, and support community development.

Structure of Programme

Semester-wise Titles of the Papers in S.Y.B.Sc.

Year	Sem.	Course code	Course Title	Theory/ Practical	No. of Hours	Credits
Second Year	III	23BU3CC603	DLLE-I	Practical	60	2
Second Year	IV	23BU4CC603	DLLE-II	Practical	60	2

Extension Work Activities:

Extension Work activities introduced by DLLE are a crucial aspect of the educational environment, offering multifaceted benefits that extend beyond academic learning. Many extension activities focus on social issues, sustainability, and environmental conservation. These activities educate the communities on sustainable practices which promote inclusivity and social justice. These activities focus especially on training women in various skills, including entrepreneurship and digital literacy through various vocational skill-oriented projects offered by the department. These activities have significantly contributed to skill development among community members, leading to improved employment opportunities and personality development. Learners participate in extension work activities as part of their curriculum, to gain practical experience and to contribute to community development. Thus, engaging in extension work fosters a sense of social responsibility and civic engagement among the learners and facilitators.

THE EXTENSION DIMENSION (Reach to Unreached)

The college students are enrolled for extension work projects and perform various activities for the **social awareness based on various issues / problems in the society such as Save Girl Child, Pollution, Aids, Global Warming, Environment, Tree Plantation, Importance of Education, Illiteracy, Child Labour, Dowry Deaths, Malnutrition, Watershed Management and so many**. The students are creating awareness about these social problems / issues through various activities such as Street Play, Exhibition, Poster

Making, Songs, Speech, Survey, Elocution, and participation in Seminar & Conferences. For this purpose, students are going to remote areas and involve the community and make them aware of our role in eradicating social problems faced by the society and trying to convince the people human duties as an ideal citizen.

To facilitate the sensitization of the student to the socio-cultural realities, the Department offers extension work projects encompassing social issues for the student. There are many Extension Work Projects being offered by the department under the two different units for enhancing the employability and IT skills of the student. The projects are given below for which the details are available on DLLE website at www.mudlle.ac.in

I) Vocational Career Oriented Projects

1. Career Project [CP]
2. Industry Orientation Project [IOP]
3. Anna Poorna Yojana [APY]
4. Skill Development (SD)

II) Community Oriented Projects

1. Population Education Club (PEC)
2. Survey Research
3. Education for All (EFA- NIOS, IDOL)
4. Environment Education
5. Civic Sense (CS)
6. Consumer Guidance

Semester III

Course Code 24BU3CC603	Course Title: DLLE-I	Credit 2	No. of Hours 60
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CO1	Analyse the problem selected under the project.	L4
CO2	Take part in college level and community level activities	L4
CO3	Analyse the work to be done under the project	L4
CO4	Conclude the work done under the project selected.	L5

Grading will be as 3: High(>60%), 2: Moderate(40%-60%), 1: Low(<40%), 0: No mapping

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	1	0	0	0	0
CO2	0	1	1	0	1	1
CO3	0	1	1	1	1	1
CO4	0	1	1	0	1	1

Given below are the activities / programs to be conducted by the colleges as a part of 10 Extension Work Projects as listed above. The learner will select any one extension work project for this academic year and participate in following activities to complete 60 hours of activities during Semester I in this academic year.

ACTIVITIES FOR SEMESTER I = TOTAL 60 HOURS – 2 Credits

1. Training Session:

Every learner should attend the training session organized by the college for orientation of extension work program. Attendance is compulsory. In this session the learners will be oriented about all the extension work projects followed by question-and-answer session. The learner must read resource material and guidelines carefully and understand the structured Extension Work under NEP 2020 and accordingly plan for participation in various programs, college level and field outreach activities. Documentation of the activity and report preparation needs to be completed by the learners.

2. College activities/ workshop:

Learner will organize and participate in programs related to projects and government policies. Learner will participate in seminars, guest lectures, workshops, competitions, and extension work group activities of other projects in college. Documentation of the

activity and report preparation needs to be completed by the learners.

3. Community level activities

Learner will participate in community-based activities organized by the college.

Documentation of the activity and report preparation needs to be completed by the learners.

4. Project work progress and presentation:

Learners should perform and participate in the activities as stated in the extension work project chosen by him / her and strictly follow the guidelines. All the activities must be related to extension work projects to fulfil the DLLE objectives. College will organize a program in the hall / classroom for all learners and give them opportunity to present their project work progress report followed by question answer session.

Learners should perform and participate in the activities as stated in the extension work project chosen by him / her and strictly follow the guidelines. All the programs must be related to extension work projects to fulfil the DLLE objectives.

Sr. no.	Program	Hours
1.	Training Session	10
2.	College Activities/workshop	10
3.	Community level activities	10
4.	Project work progress and presentation	30
	Total	60

Monitoring and Evaluation:

Monitoring and Evaluation will be conducted by College Teacher deputed by DLLE. Student will be evaluated for 50 marks based on attendance, punctuality, completion of hours, participation in programs and proficiency in required skill sets, feedback, and student's overall performance and additionally based on written report/ presentations.

OR

In case of failure of student in completing 60 hours of activities, student will submit an assignment of 20 marks and appear for the theory examination of 30 marks. Assignment and theory examination will be based on the project selected by the student at the time of registration in DLLE.

Question Paper Pattern

Time: 1.00 Hours

Total Marks 30

Instructions: 1. All questions are compulsory.

2. Figures to the right indicate maximum marks.

Q1	Attempt any ONE:	10
A		
B		
Q2	Attempt any ONE:	10
A		
B		
Q3	Attempt any ONE:	10
A		
B		

Semester IV

Course Code 24BU4CC603	Course Title: DLLE-II	Credit 2	No. of Hours 60
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CO1	Examine the work done under the project	L4
CO2	Appraise the skills by participating in university fests.	L5
CO3	Assess the observations in the project.	L5
CO4	Compile the report of the project selected.	L6

Grading will be as 3: High(>60%), 2: Moderate(40%-60%), 1: Low(<40%), 0: No mapping

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	0	1	1	1	1	1
CO2	0	0	0	1	1	1
CO3	1	0	1	0	1	0
CO4	1	1	0	0	1	1

Given below are the activities / programs to be conducted by the colleges as a part of 10 Extension Work Projects as listed above. The learner will continue/select any one extension work project for this academic year and participate in following activities to complete 60 hours of activities during Semester II in this academic year.

ACTIVITIES FOR SEMESTER II = TOTAL 60 HOURS - 2 Credits

1. **Training Session:** Every learner should attend the training session organized by the college for orientation of extension work program. Attendance is compulsory. In this session the learners will be oriented about the activities to be conducted during the semester followed by question- and-answer session. The learner must read resource material and guideline carefully and plan his / her activities for the semester during academic year.
2. College and project activities (As per selected extension work project)
 1. Organise & participate in programs related to projects (government policies).
 2. **Participation in**
 - Seminar /conferences, discussion sessions, debate, rallies
 - Competitions (essay/creative writing, elocution, poster/ video/ rangoli making etc.
 - Extension Work group activities of other groups in the college.
 3. Prepare your PPT, design your posters / charts.
 4. Survey / short term academic courses / innovative programs.

5. Field visit / field work / case studies / developing innovative engineering models / projects
6. Event / hospitality / human resource management program /assignment
7. Novel formulation development (pharmacy), self-medication survey

Learners should perform and participate in the activities as stated in the extension work project chosen by him / her and strictly follow the guidelines. All the programs must be related to extension work projects to fulfil the DLLE objectives. Learners are required to prepare short videos (duration 3-4 minutes) of the activity to upload on DLLE portal.

3. Participation in UDAAN Festival (Only 20 students)/ Participation in college level competitions and essay writing.

1. Script writing / Direction for street play.
2. Composing / Singing (Songs, Powada)
3. Playing Musical Instrument during the event.
4. Participation in competitions during festival

5. Participate in Cultural Performance / Organising Committee for Udaan.

Learners who are not participating in UDAAN festival can be involved in college level competitions and will write an essay suggested by DLLE.

4. Report Writing and submission

Learners should perform and participate in the activities as stated in the extension work project chosen by him / her and strictly follow the guidelines. All the activities must be related to extension work projects to fulfil the DLLE objectives. College will organize a program in the hall / classroom for all learners and give them opportunity to present their project work progress report followed by question answer session.

I. Present the report during the college program.

II. All learners enroll in Extension Work can make activity participation video or stage performance (3-4 minutes duration) stating his / her name, college, the activity performed, location, audience on the actual field stating how he / she performed the activity & achieved his / her objectives etc. followed by report writing as per format. College will organize a program in the hall / classroom for all learners and give them an opportunity to present their report with PPT presentation followed by question answer session / test / interview by the college.

Sr. No.	Program	Hours
1.	Training Session	10
2.	College and project activities	10
3.	Participation in UDAAN Festival/ Participation in college level competitions & Essay writing.	20
4.	Report writing and submission	20
	Total	60

Monitoring and Evaluation:

Monitoring and Evaluation will be conducted by College Teacher deputed by DLLE based on attendance, punctuality, completion of hours, participation in programs and proficiency in required skill sets, feedback, and student's overall performance and additionally based on written report/ presentation.

OR

In case of failure of student in completing 60 hours of activities, student will submit an assignment of 20 marks and appear for the theory examination of 30 marks. Assignment and theory examination will be based on the project selected by the student at the time of registration in DLLE.

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Q1	Attempt any ONE:	10
A		
B		
Q2	Attempt any ONE:	10
A		
B		
Q3	Attempt any ONE:	10
A		
B		

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Curriculum Structure for the Undergraduate Degree Programme S. Y. B. Sc. CC-DLLE

			Course imparts Employability (EM), Entrepreneurship (EN), Skill Development (SD)			Course integrates with Professional Ethics (PE), Gender Equity (GE), Human Value (HV), Environmental Sustainability (ES)			
Course Code	Course Title		EM	EN	SD	PE	GE	HV	ES
SEMESTER – III									
24BU3CC603	DLLE-I		-	√	√	√	√	√	√
SEMESTER – III									
24BU4CC603	DLLE-II		-	√	√	√	√	√	√