



Devrukh Shikshan Prasarak Mandal's

**NYA. TATYASAHEB ATHALYE ARTS, VED. S.R. SAPRE COMMERCE
AND VID. DADASAHEB PITRE SCIENCE COLLEGE (AUTONOMOUS)**

Late Kakasaheb Pandit Educational Campus,

Devrukh, Dist: Ratnagiri- 415 804, Maharashtra

NAAC Accredited 'A' Grade (Third Cycle), Mumbai University Best College Award

IQAC

AQAR 2023-24

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practices

Best Practice 1

1 Title of the Practice: Skill Development Program for Youth

2. Objectives of the Practice:

- i. To provide adequate training related to the subjects and other fields in interdisciplinary manner
- ii. To enhance skill-set required for professional and personal harmony
- iii. To improve students' technical skills and engage themselves in the current scenario
- iv. To achieve holistic development through training in communicative skills, life skills, leadership qualities, analytical skills, interview skills and interpersonal skills

3. The Context:

One of the prime objectives of the New Education Policy (2020) is to *make India a knowledge superpower by equipping its students with the necessary skills and knowledge*. Educational systems are serving students best if they enable and encourage students to build their own interdisciplinary pathway. The best practice has its aim to bridge the gap between academia and industry and train the students on the required skill sets. Majority of students are from rural background. Therefore, due to inadequate means of learning, they lack of communication skills. Considering the current scenario of jobs, the students need to be confident and competent in facing current job market. Along with imparting quality education, necessary skill-sets and adequate exposure is to be equipped not only to warrant placement but also to assure professional growth in career even after the employment.

4. The Practice

- i) The college has started 33 skill-based courses for providing various skills to students. After second semester, each student do enroll for one skill course every semester. The course can be core content subject specific or generic in nature.

ii) Theory-based teaching is conducted by online mode and practicals are conducted by offline mode i.e. blending mode of teaching is followed.

iii) Students have a choice to choose among variety of skill-based courses from soil testing to Python programming which have local to global relevance. Any student can opt for any course offered by arts, commerce, science departments.

iv) The college has started two B.Voc. Courses i.e. Banking and Financial services, Sustainable Agriculture.

v) The institution takes continuous efforts for improving academic performance as well as interpersonal skills of the students and for developing these skills, the institution organizes various activities. Students are trained in Soft Skills, Quantitative Reasoning, Verbal Aptitudes, Personal Grooming, Presentation Skills, Resume Writing, Personal Interviews and GD Techniques.

vi) The institution signs various MoUs with industries and academic institutions for internship and training of students.

vii) This practice helps students to bridge the gap between industrial expectations and educational outcomes. The staff and student members interact with industrial experts, acquire the necessary skills to become industry worthy and meet the employers' expected level of workplace preparedness.

5. Evidence of Success

Students are enrolled for various courses as per their choice and enjoying the theory and practicals of courses. Students are, also, involved in various programs and activities in this practice. Students performed well in internal and external examinations of courses. Students are acquainted with skills for getting jobs. Even some students are self-employed and started their own business.

6. Problems Encountered

i) Poor communication skills of students

ii) Lack of funds

iii) Time constraint

Resources Required

i) Professional trainers for imparting training.

ii) Resources to conduct online training

iii) Frequent Industry-institute interactions

Table: List of skill based courses with details

Faculty	Name of the BoS Under Which Syllabus is framed	Proposed Class for which the course will be made available	Proposed Semester for the Course	Course Code	Name of the Skill Course		
Arts	English	Second Year	Third	UENSK31	Developing Soft Skills-I		
	Hindi			UHNSK31	अनुवाद सिद्धांत एवं व्यवहार		
	Marathi			UMRSK31	अनुवाद सिद्धांत आणि व्यवहार		
	Economics		Fourth	UECSK41	Goods and Service Tax		
	Geography			UGESK41	Cartography		
	Sociology			USCSK41	Universal Human Values and Social Responsibility		
	Geography	Third Year	Fifth	UGESK51	Use of Computer Technology in Data Analysis		
	Marathi			UMRSK51	दृश्य-श्राव्य माध्यम लेखन व शब्दांकन - भाग १		
	Economics		Sixth	UECSK61	Research Methods and Data Analysis		
	English			UENSK61	Developing Soft Skills-II		
	Marathi			UMRSK61	दृश्य-श्राव्य माध्यम लेखन व शब्दांकन - भाग २		
	Hindi			UHNSK61	दृक श्राव्य माध्यम एवं शब्दांकन		
	Sociology			USOSK61	Social Research Exposure		
	Commerce			Commerce	Second Year	Third	UCMSK31

			Fourth	UCMSK41	Yoga and Industrial Stress Management
		Third Year	Fifth	UCMSK51	Banking Operations and Advanced Business Communications
				UCMSK31	Banking and Insurance Correspondence
			Sixth	UCMSK61	Insurance Management and Interview Skills
				UCMSK41	Yoga and Industrial Stress Management
Science	Computer Science		First Year	Second	UCSSK21
	Botany	Second Year	Third	UBTSK31	Biodiversity and Environment Awareness
	Mathematics			UMTSK31	Vedic Mathematics
	Physics			UPHSK31	Programming with Python I
	Computer Science			UCSSK31	Photo Editing
	Chemistry			Fourth	UCHSK41
	Physics		UPHSK41		Programming with Python II
	Computer Science		UCSSK41		Video Editing
	Chemistry		Third Year	Fifth	UCHSK51
	Physics	UPHSK31			Programming with Python I
	Computer Science	UCSSK51			Advanced Web-Designing part I
	Chemistry	Sixth		UCHSK61	Computer Applications in Chemistry
	Physics			UPHSK41	Programming with Python II
	Computer Science			UCSSK61	Advanced Web-Designing part II

Best Practice 2

1 Title of the practice: Environment Protection for Sustainable Development

2. Objectives of the Practice:

- i. To create awareness about environment conservation in students, staff and society
- ii. To promote use of resources in Sustainable way
- iii. To promote locally available nutrient-rich food
- iv. To promote the use of solar energy on the college campus

3. The Context

Western Ghat is one of the richest bio-diversified areas in the world. The college is located in this area i.e. Western slope of Sahyadri ranges. Though environment degradation is a global problem, it must be addressed by public participation in this biodiversity rich area. So, the college has decided to create awareness about environment conservation among people and their participation for the mitigation of environment issues.

4. The Practice

- i) Nisargbhan Vyakhyanmala is lecture series organized by the college in collaboration with NGOs for creating awareness about various aspects of biodiversity and environment conservation. Due to COVID 19 pandemic, it was not possible to organize regular activities so this online lecture series is organized on Sunday at 11:00 am. This lecture series is continued on various topics are organized and will be continued in future and till now 60 lectures are delivered out of that 12 delivered in 2023-24.
- ii) Every year, twenty-five students of the college work as *Climate Ambassadors* to create awareness about climate change and global warming in villages and society under Mumbai-Stockholm Climate Ambassador Project in collaboration with NGO Srushtidnyan (India) and Climate Action (Sweden).
- iii) Every year, various awareness programs including one international workshop are organized focusing on climate change and other environment problems.
- iv) Cycle Club is initiated in the college and cycle rallies and awareness activities are being organized.
- v) 50 KW solar power project covering the entire campus is installed. Various programs to promote use of natural resources for sustainable development are organized.

vi) Local nutrient food is promoted by organization of Wild vegetable festival, locally grown finger millet and other millet conservation festivals, promotion and conservation of locally available varieties of rice etc.

vii) The uniqueness of this practice in the context of India higher education is to learn various aspects of environment education by participative learning; they are sensitized about local to global socio-environmental problems.

5. Evidence of Success

Students are involved in various programs and activities in this practice. Students are performed well in Environment Studies and other related subjects. Knowledge of socio-environment problems helped in holistic development of students. Even our alumni are working for biodiversity conservation in this area. Students and common people are, voluntarily, involved in Nisargbhan Lecture series and other environment conservation measures. Students and villagers are helping in plantation drive and sacred grove conservation.

6. Problems Encountered

i) Difficulty in the organization of regular programs due to COVID 19 pandemic situation

ii) Lack of funds

iii) Lack of awareness in the community

iv) During the rainy season thick cloud coverage resisting incoming solar radiation

Resources Required

i) Monetary resources

ii) Human Resources

iii) Expertise


iv) Availability of land for nursery

Table . Lectures organized in Nisargbhan Lecture Series in 2023-24

1	4 June 2023	Environmental Problems in the world: Causes and Mitigation	Prof. Dr. Balbhim Chavan, Environment Science Dept., Dr. B.A. Marathwada University, Chh. SambhajiNagar	https://www.youtube.com/live/AcgOV37Ne0k?feature=shared
2	9 July 2023	Millets as Future of Agriculture and Food Culture	Mrs. Sangeeta Kharat, Director, Srushtidnyan, Mumbai	https://www.youtube.com/live/FdEJb3J4hG4?si=RCvTFqVvKkH7qKq-
3	13 August 2023	Pteridophytes: Diversity, Conservation and Uses	Prof. Anant Patil, Kolhapur	https://www.youtube.com/live/zrLghirwCug?si=xEyBoZXqTDk-

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4	17 Sept. 2023	Ozone Layer Depletion: Problem, Causes and Mitigation	Dr. Balbhim Chavan, Dept. of Environment Science, Dr. B.A.M. University, Chhatrapati Sambhajanagar	https://www.youtube.com/live/UD4jzyzx7aY?si=KE9xVx5ZpRW2gkju
5	22 Oct. 2023	Role of Birds in Agriculture Ecosystem	Mr. Rajendra Gadgil, Pakshimitra, Jalgaon	https://youtu.be/wPS499DM-4M?si=z-6pBFPiAakr8y1y
6	26 Nov. 2023	Hornbill: Life Cycle, Habitat, Protection and Conservation	Mr. Pratiek More and Dr. Shardul Kelkar, Sahyadri Sankalp Society	https://www.youtube.com/live/BWwVEYDZyY0?si=dbrLER0gSXghFN9w
7	31 Dec. 2023	Organic Farming: Need of Hour	Dr. Pratap Naikwade, Devrukh	https://youtube.com/live/g6_OIZg_lKU
8	21 Jan. 2024	Important Medicinal Plants and Uses	Dr. Datta Dhale, Associate Professor, Late Karmveer Dr. Ghogare Science College, Dhule	https://youtu.be/9JGzkw4RHbk
9	11 Feb. 2024	Amazing World of Ants	Nutan Karnik, Mitrakida Foundation, Pune	https://youtu.be/vWebtFOZ0sA
10	31 March 2024	Plant Described in Valmiki Ramayana	Bharat Godambe, Dombivali	https://www.youtube.com/watch?v=LXkATuUAcP0
11	28 April 2024	Apiculture (Part 1)	Hemantkumar Dumbare, Pune	https://www.youtube.com/watch?v=uQhzwS5Y164
12	12 May 2024	Apiculture (Part 2)	Hemantkumar Dumbare, Pune	https://www.youtube.com/watch?v=xVO-vPsXNjg




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