



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

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**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
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	Hardware, PC Assembly and Networking
	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	Good Laboratory Practices
	Physics			UPHSK41	Programming with Python II
	Computer Science			UCSSK41	Video Editing
	Chemistry			Third Year	Fifth
	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 37 lectures are delivered.
- 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**

<b>Sr. No.</b>	<b>Date</b>	<b>Webinar</b>	<b>Person</b>	<b>YouTube Link of webinar</b>
1	25 April 2021	Butterflies commonly found in Sahyadri ranges	Mr. Pratiek More, Sahyadri Sankalp Society, Devrukh	<a href="https://youtu.be/xxGiGpFZj8Y">https://youtu.be/xxGiGpFZj8Y</a>
2	2 May 2021	Conservation of butterflies and Butterfly garden	Mr. Pratiek More, Sahyadri Sankalp Society, Devrukh	<a href="https://youtu.be/V1fKbNtuTkk">https://youtu.be/V1fKbNtuTkk</a>
3	9 May 2021	Window / Backyard Bird watching	Mrs. Netra Palkar-Apate, Ratnagiri	<a href="https://youtu.be/QuGnqTdDSTg">https://youtu.be/QuGnqTdDSTg</a>
4	16 May 2021	Birds commonly found along seacoast	Mr. Prashant Shinde, Srushtidnyan, Mumbai	<a href="https://youtu.be/2b3YwUa0F-4">https://youtu.be/2b3YwUa0F-4</a>


5	23 May 2021	Introduction to Plants in Sahyadri ranges	Dr. Arun Chandore, Abasaheb Marathe College, Rajapur	<a href="https://youtu.be/mheWVQYnUsM">https://youtu.be/mheWVQYnUsM</a>
6	30 May 2021	Honeybees: Natural Resource	Mrs. Priya Phulambrikar, Green Birds, Pune	<a href="https://youtu.be/mzKvibvCzXk">https://youtu.be/mzKvibvCzXk</a>
7	6 June 2021	Bird and Nature Photography	Mr. Viraj Athalye, BNHS, Mumbai	<a href="https://youtu.be/y2LpV_aRyFk">https://youtu.be/y2LpV_aRyFk</a>
8	13 June 2021	Terrace and Balcony organic garden	Mrs. Meenakshi Shilvant, Pune	<a href="https://youtu.be/lrFNBbnLOkY">https://youtu.be/lrFNBbnLOkY</a>
9	20 June 2021	Wild Vegetables: Eat regularly and Stay Healthy	Mrs. Sangita Kharat, Srushtidnyan, Mumbai	<a href="https://youtu.be/bkCZg9BiJ4U">https://youtu.be/bkCZg9BiJ4U</a>
10	27 June 2021	Rocky plateau in Konkan: Ecosystem	Dr. Aparna Watave, Pune	<a href="https://youtu.be/IXtgsjTiCZE">https://youtu.be/IXtgsjTiCZE</a>
11	4 July 2021	Importance of endemic plants in plantation drive	Dr. Makrand Aitwade, Sharadchandra Pawar College, Lonand, Satara	<a href="https://youtu.be/YGKyt-h6RKQ">https://youtu.be/YGKyt-h6RKQ</a>
12	11 July 2021	Amazing world of Snakes	Mr. Sunil Kadam, MARA, Mumbai	<a href="https://youtu.be/PqtUJCl1tWo">https://youtu.be/PqtUJCl1tWo</a>
13	18 July 2021	Human-Wildlife relation- Conflict or	Mr. Amol Jadhav, Nature Conservation Society, Sangali	<a href="https://youtu.be/CVOX-qiuV_k">https://youtu.be/CVOX-qiuV_k</a>
14	25 July 2021	Mangrove Conservation- Need of hour	Mr. Lakshmikant Deshpande, Senior Manager, Mangrove Conservation and Environment Sustainability, Godrej and Bois, Mumbai	<a href="https://youtu.be/hj1LSI2gMcw">https://youtu.be/hj1LSI2gMcw</a>
15	1 August 2021	Miyawaki Technique of Forestation	Dr. Harshad Diwekar, Nature Conservation Society, Sangali	<a href="https://youtu.be/mYdjmIzEytK">https://youtu.be/mYdjmIzEytK</a>
16	8 August 2021	Discovery and conservation of fossil stone carvings in Konkan	Mr. Sudhir Risbud, Ratnagiri	<a href="https://youtu.be/SR3mKuYGRfs">https://youtu.be/SR3mKuYGRfs</a>
17	22 August 2021	Nocturnal Bird: Owl: Life Cycle, Ecological Importance and Beliefs, Disbeliefs	Mr. Nikhil Jambhale, Ratnagiri	<a href="https://youtu.be/J6M2R9VAbP8">https://youtu.be/J6M2R9VAbP8</a>

18	29 August 2021	Fungal Diversity and Role in Environment	Dr. Shivaji Kambale, former Head of department, Botany Dept., Shivaji University, Kolhapur	<a href="https://youtu.be/gCSIK8IA65U">https://youtu.be/gCSIK8IA65U</a>
19	5 Sept. 2021	Leaves used in Ganesh Puja: Importance and Conservation	Mrs. Sharayu Dalavi-Aanerao, Devrukh	<a href="https://youtu.be/kQUbdK0uDws">https://youtu.be/kQUbdK0uDws</a>
20	19 Sept. 2021	Plantation of Bamboo along with endemic trees	Mr. Milind Patil, Forest Expert, Sindhudurg	<a href="https://youtu.be/dt7054nOyF4">https://youtu.be/dt7054nOyF4</a>
21	3 Oct. 2021	Snake and Scorpion Bite: Symptoms, Precaution and First Aid	Mr. Sunil Kadam, MARA, Mumbai	<a href="https://youtu.be/bHARHw6HLuk">https://youtu.be/bHARHw6HLuk</a>
22	17 Oct. 2021	World of viruses	Dr. Pradip Awate, State Health Survy Officer, Pune	<a href="https://youtu.be/iB3nVxqrJrU">https://youtu.be/iB3nVxqrJrU</a>
23	31 Oct. 2021	Innovative activities for environment conservation	Dr. Milind Shirbhate, Shankarlal Khandelwal College, Akola	<a href="https://youtu.be/uNgwD4Rw5mo">https://youtu.be/uNgwD4Rw5mo</a>
24	14 Nov. 2021	Vultures: Protection and Conservation	Mr. Premsagar Mestry, President, SEESCAP, Raigad	<a href="https://youtu.be/jU_iKNCTN-I">https://youtu.be/jU_iKNCTN-I</a>
25	28 Nov. 2021	River Ecosystem: Current situation and Mitigation measures	Dr. Ajit Gokhale, Environmentalist, Dombivali	<a href="https://youtu.be/ML2ibjLtvkE">https://youtu.be/ML2ibjLtvkE</a>
26	12 Dec. 2021	Amazing world of Spiders	Mr. Nikhil Jambhale, Insect researcher, Ratnagiri	<a href="https://youtu.be/c6fpePqrrGs">https://youtu.be/c6fpePqrrGs</a>
27	16 Jan. 2022	Marine algae: diversity and Uses	Dr. Vaibhav Mantri, Chief Scientist, CSMCRI, Bhavnagar	<a href="https://youtu.be/DEW4XG27h7U">https://youtu.be/DEW4XG27h7U</a>
28	6 Feb. 2022	Wetland Ecosystem: Current Situation and Conservation Measures	Mr. Mohammad Shaikh, Syamantak Organization, Dhamapur, Sindhudurg	<a href="https://youtu.be/uK-8wT-Ynm8">https://youtu.be/uK-8wT-Ynm8</a>
29	20 Feb. 2022	Bonsai : A Plant Conservation Art	Mrs. Suniti Deshmukh, Dr. Dhanashri Patil, Mrs. Deepali Taywade-Patil, Kolhapur Bonsai Club, Kolhapur	<a href="https://youtu.be/zoFxCrr9Kg">https://youtu.be/zoFxCrr9Kg</a>



30	6 March 2022	Grass Diversity in Maharashtra, Importance and Need of Conservation	Dr. Kumar Vinod Gosavi, Grass researcher, Nashik	<a href="https://youtu.be/9UQ3S8Vmqzw">https://youtu.be/9UQ3S8Vmqzw</a>
31	24 April 2022	Spirulina Algae : Gift of Nature and Environment friendly Farming	Dr. Vikrant Kulkarni, Superfoods, Pune	<a href="https://youtu.be/d2y2u9OWMrc">https://youtu.be/d2y2u9OWMrc</a>
32	22 May 2022	Problem of Electronic waste: Effects and Mitigation	Mr. Harishchand Nishad, Mumbai	<a href="https://youtu.be/Ep4usHMac_J">https://youtu.be/Ep4usHMac_J</a>
33	26 June 2022	Sacred groves: Importance, current situation and conservation	Dr. Priya Parkar, Mumbai	<a href="https://youtu.be/TQIgyTMDb_U">https://youtu.be/TQIgyTMDb_U</a>



  
**PRINCIPAL**  
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