



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Affiliated to Sant Gadge Baba Amravati University, Amravati

NAAC

Criterion-III

Research, Innovations and Extension

<https://vinayakmahankh.in> 

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vvm197@sgbau.ac.in 

Nandgaon Khandeshwar, Amravati 

CRITERION-III

3.5 – Collaboration



3.5.1 The number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years



Vinayak Vidnyan Mahavidyalaya Nandgaon Kh.

VINAYAK VIDNYAN MAHAVIDYALAYA

Nandgaon Khandeshwar, Dist. Amravati

(An Institute run by Pravin Khodke Memorial Trust, Amravati)

Sau. Sulbha Sanjay Khodke
(MLA, Amravati)
President, P.K.M Trust, Amt.

College Code: 197, Ph. No. 07221-222245
Email: yvm197@sgbau.ac.in

Dr. Alka Anant Bhise
(Principal)
Mob.9823526341

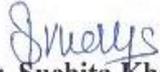
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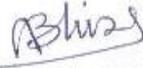
10/05/2023

SELF DECLARATION

This is to certify that, the information, reports, true copies of the supporting documents, numerical data and web links furnished in this file are verified by I.Q.A.C. and head of the Institution and found correct.

Hence this certificate is issued.


Dr. Suchita Khodke
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati



3.5.1. Contents

- **1. E-copies of functional MoU's.**

- **2. Programmes under functional MoU's.**

- **3. Collaborative Activities for Research.**

- **4. Field Trips/ Study Tour/ Industrial Visit.**



1. E-copies of functional MoU's



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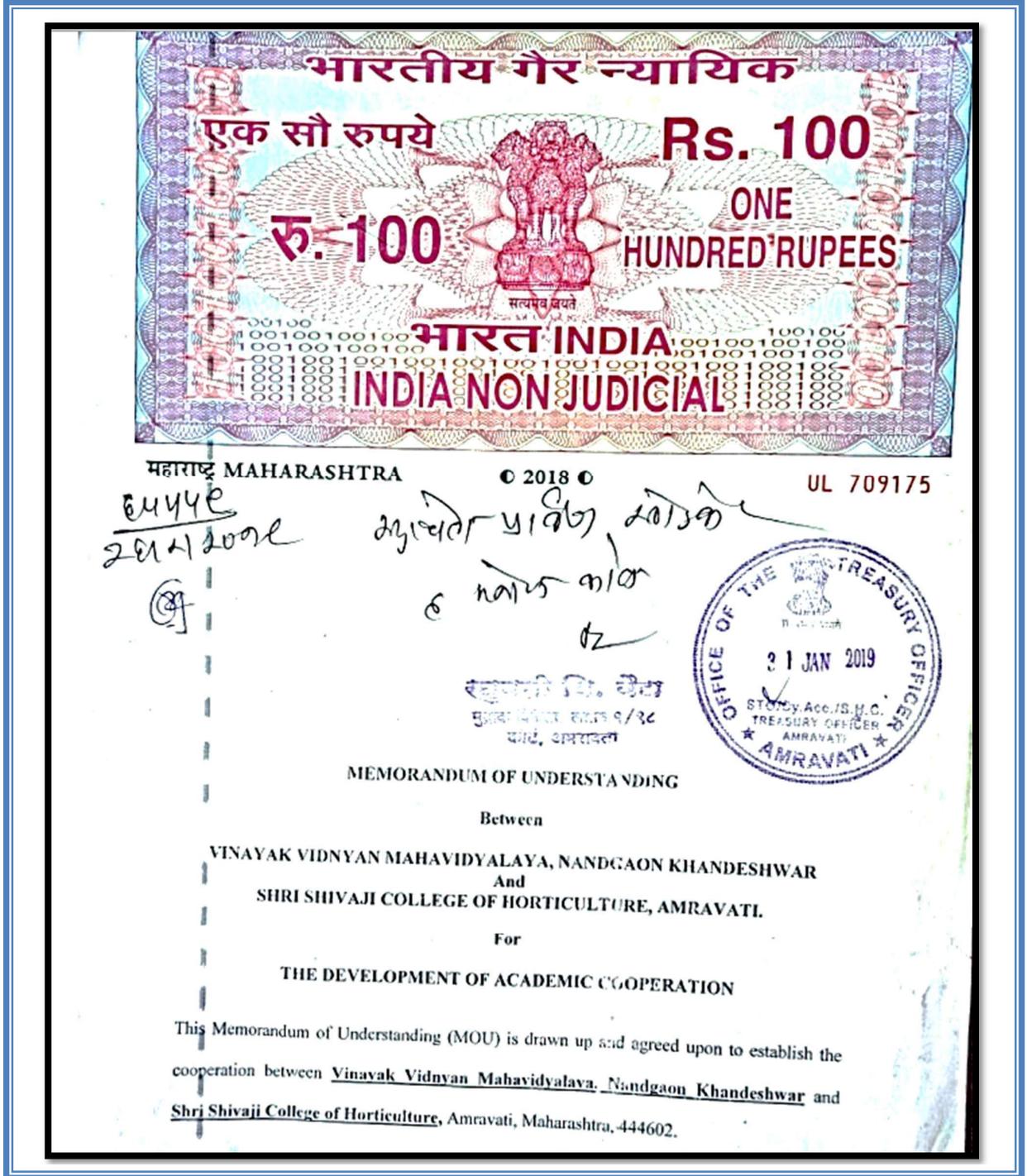
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Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

A) Shri Shivaji College of Horticulture, Amravati.



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KHANDESHWAR:

Vinayak Vidnyan Mahavidyalaya, located in the rural area of Nandgaon Khandeshwar tehsil of Amravati District, is a premier college offering undergraduate courses in science and commerce faculties. Established with the aim of providing quality education to students in the rural areas, Vinayak Vidnyan Mahavidyalaya has become a leading institution in the region, attracting students from all over the area. The college offers undergraduate courses in B.Sc. and B.Com. programs, providing students with a comprehensive education in the fields of science and commerce.

SHRI SHIVAJI COLLEGE OF HORTICULTURE, AMRAVATI:

Shri Shivaji College of Horticulture, Amravati is affiliated to Dr. Panjabrao Deshmukh Krushi Vidyapeeth, Akola, Maharashtra (M.S.). It falls under the Shri. Shivaji Education Society, Amravati. Today Indian agriculture needs highly competent & multi-disciplinary human resources. Hence Shri Shivaji College of Horticulture took this opportunity of investing in people for giving a cadre of highly competent human resource in the field of horticulture. The Shri Shivaji College of Horticulture has therefore been started in pursuit of rural development through agricultural education. This is in response to the need and challenges of globalization. This is a concrete proof of Shri Shivaji College of Horticulture's recognition of values and potential of the science and continuous efforts to create trained manpower in the field of horticulture.

ARTICLE I:

The objective of this MOU is to offer a "THE DEVELOPMENT OF ACADEMIC COOPERATION" by Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar in association with Shri Shivaji college of Horticulture, Amravati.

ARTICLE II:

This joint venture between **Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar** and **Shri Shivaji college of Horticulture, Amravati** will promote cooperation among these institutions and their students by paving unique collaboration for Agricultural education, research, and extension activities.

It will prepare trained batches of future professionals for quality education in dedicated fields. This collaboration will focus on emerging areas to attract exclusive class of motivated students and this cooperation will lead to quality education with an international exposure.

ARTICLE III:

1 It is binding for both the parties that:

- a. Activities should be planned in mutual coordination. .
- b. Student's involvement should be there in every activity.
- c. Free access should be there for the exhibition and shows organized by Shri Shivaji College of Horticulture, Amravati.

2 **Course Mentoring:** Your institute stands to benefit immensely from the vast expertise of the Shri Shivaji College of Horticulture, Amravati which it has built upon through years of hard work and an unparalleled dedication to knowledge dissipation. Shri Shivaji College of Horticulture, Amravati can thus help your institute in designing the curriculum for courses in which Shri Shivaji college of Horticulture, Amravati has significant expertise. Course Mentoring would typically involve experts from the faculty, Shri Shivaji College of Horticulture, Amravati helping and mentoring the faculty of your institute in designing curriculum and guiding them with innovative pedagogical approaches. One or two courses per semester can be narrowed down for the same through mutual agreement.

3 **Faculty Exchange:** There will be exchange of faculty for delivering lecture on various topics. Exchange in terms of information on teaching, learning material and other

literature relevant to their educational and research programs in particular area of expertise.

- 4 Student Exchange (Short term) for Under Graduate programmes:** Student Exchanges lasting for 12 working days can take place once in each year. Such exchanges can take the form of field projects/practical sessions/Hands on with the students getting the additional benefit of interacting with their peers and learning with them.

ARTICLE IV:

- Both institutions will consult each other and resolve informally disputes or misunderstandings that arise in the administration of this MoU.
- Each party will consult with and take approval of the other party to use the latter's name, the names of the latter's official/faculty members, and the logos for the activities under this MoU, and dissemination of results, on a case-by-case basis.

ARTICLE V:

- This MoU will be effective from the date of signing by both parties and will be valid for 5 years. It may be subject to extensions by mutual consent in writing.
- Either party may terminate this MoU by giving six (06) months advance notice in writing
- The provision of this MoU may be amended at any time, with mutual consent in writing. In particular both parties shall review the progress of the program every 03 years and make necessary revisions in the MoU, if required, with mutual consent in writing
- The amendment, termination and expiration of this MoU will not affect the terms and activities ongoing at the time of notification of amendment, termination, and expiration unless otherwise agreed between the parties in writing.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

ARTICLE VI:

Obligator in the presence of whom MoU signed (Name and address)



Dr. Alka A. Bhise
Principal

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh., Dist. Amravati, 441708
Maharashtra, India.
Nandgaon, Kh., Dist. Amravati



Dr. Shashank Deshmukh
Principal

Shri Shivaji College of Horticulture,
Amravati, 441602
Maharashtra, India. Amravati.

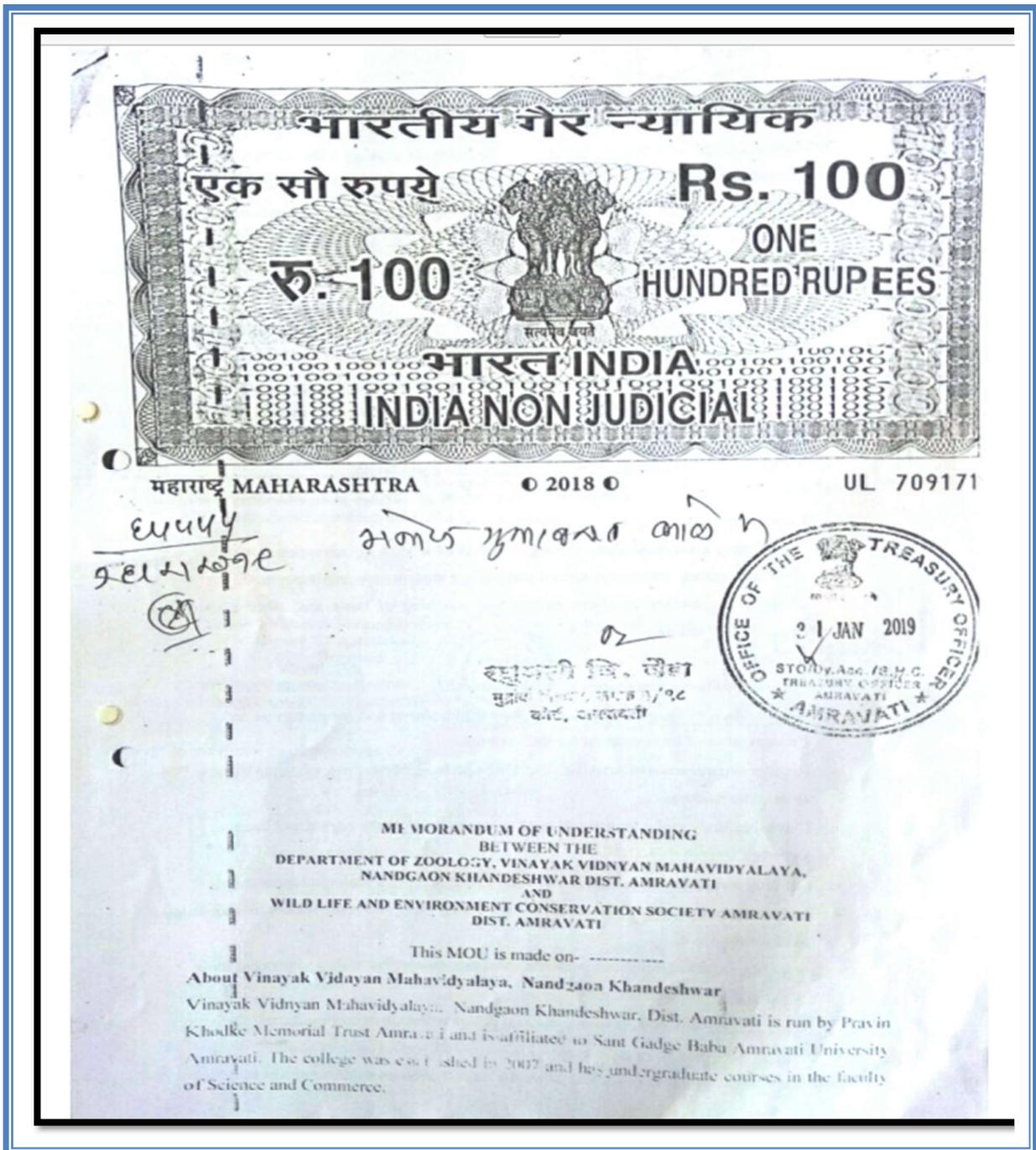


Accepted for and on behalf of the Principal, Vinayak Vidnyan Mahavidyalaya, Nandgaon
Khandeshwar, Dist. Amravati and Shri Shivaji College of Horticulture, Amravati.

Date: 21/2/2019

Place: Amravati

B) Wild Life and Environment Conservation Society, Amravati.



About Wild life and Environment Conservation Society (WECS)

It was about a decade ago that the handful of individuals sharing a common interest in the study of vegetation, bird watching, walking tours or trekking in Melghat with environmental awareness had came together to start this organization. After the registration of the same in 2001 gradually the activities of the organization started. In an age of multiple environmental problems it has become the need of the hour to work towards the study and conservation of wild life and spread awareness among the masses.

Main objectives of the Wildlife and Environment Conservation Society (WECS)

1. Create awareness about the clean and healthy environment.
2. Generate interest towards the nature among the students and general public with the help of activities like bird watching, butterfly watching, trekking or nature walks and adventure.
3. To study and do research on the diversity of flora and fauna.
4. Create mass awareness about the conservation of Forts, Caves and other historical monuments.
5. Create mass awareness about the legal aspects of wildlife conservation.
6. Generate interest among the school and college students towards the nature.
7. Create mass awareness about snakes and poaching of birds and other animals to prevent their killing.

Annexure I

In joint venture following activities will be conducted.

- Organization of Guest lectures, slide shows, film shows and nature camps on Conservation of Environment for the students.
- Regular organization of activities like bird watching, Nature trek to create interest among the students.
- Extensive study and documentation of avian diversity of the region and keeping records.
- Creating awareness about the protection of forts and other historical monuments.
- Arranging lectures and slide shows to create awareness about the snakes in agriculture and Environment.
- Providing information about poisonous and non-poisonous snakes to prevent their killing and to conserve them.
- To create mass awareness over various types of pollution occurring during festivals.
- Arrange tree plantation programs and promote indigenous species plantation and create awareness against the use of plastic bags that poses a greater threat to the environment.

Annexure II

Participation of students in the following activities

- Participation in Clay Ganesh Idol Campaign.
- Nature walk programme in Melghat during the months of August and January.
- Study of migratory birds during winter season.
- Butterfly watch and study programme in Melghat and Pohra forest.
- Trekking tours in the forest like Gawilgad and Narnala.
- Participation in adventure camps like mountaineering and trekking.
- Tree plantation in Campus during July and August.

Annexure III

Terms and conditions

- Admitted students will be eligible for training and other benefits.
- The fee schedule will be as per the decision of Wild life and Environment Conservation Society in consultation with the Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati
- The institute will provide the resource required.
- Certification will be provided by the institution and WECS
- The activities will be conducted in Wild life and Environment Conservation Society (WECS) and in the Institution.
- Life membership of WECS is compulsory for the Institute.
- MOU will remain valid for next ten years.
- Institutional membership of WECS is mandatory.

Abhis

Principal

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar,
Dist. Amravati
PRINCIPAL
VINAYAK VIDNYAN MAHAVIDYALAYA,
NANDGAON KH. DIST. AMRAVATI



Madhav

Secretary

Wild life and Environment Conservation
Society,
Amravati

Wildlife & Environment
Conservation Society
Amravati, M.S.



In the Presence of witnesses

1. *Dr. P. S. Mahalle psmahalle*
2. *Dr. S. R. Warhakar Warhakar*
3. *Dr. G. S. Kulkarni*

C) Garden Club, Amravati.



महाराष्ट्र MAHARASHTRA

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UL 709176

एमएच
गार्डन क्लब

प्रवीण खोडके स्मृति
विवेक कोष



खुशाली वि. वेद
मुद्रांक संख्या, ला.क्र.१/१८
बोर्ड, अमरावती

MEMORANDUM OF UNDERSTANDING

BETWEEN



Amravati Garden Club,
Amravati
Vivekanand Colony
Amravati - 444603 (MS), India



Pravin Khodke Memorial Trust
Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar, Dist. Amravati
444708 (MS), India

Article 1

WHEREAS, the Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati is entering into an academic collaboration with Amravati Garden Club, Amravati (hereafter 'Garden Club') to provide assistance and support to the Graduates and Post Graduate and Research Students of this Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati

Article 2

WHEREAS, the association between both parties will be focused on Student Centric Activities. It must provide access for students to the programs organized by Garden Club.

Article 3

It is binding for both the parties that:

- i. Activities should be planned in mutual coordination
- ii. Students' involvement should be there in every activity.
- iii. Free access should be there for the exhibitions and shows organized by Garden Club.
- iv. Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati should provide the venue for organizing different events.
- v. The expenditure incurred on the event's organization should be borne by Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati, with prior discussion and approval of principal and benefit will be transferred to Amravati Garden Club.
- vi. Being a social organization Garden Club requires fund generation out of its associations and collaborations. Therefore, the financial benefit out of an activity under this MoU should be transferred to Amravati Garden Club with mutual agreement.
- vii. Income - Expenditure statement of the activity organized under this Memorandum of Understanding should be prepared, signed by respective authorities, and shared with the Garden Club in a maximum of one month after the activity.
- viii. The resource persons from both institutions should contribute without remuneration.

Article 4

The grantee institution should explore various financial agencies to support the activities mentioned in article 2 from national, international, or private organizations. The financial accounts have to be settled in coordination with both the authorities.

Article 5

This memorandum of understanding shall be effective from the date of its signing by representatives of both institutions and shall remain in effect until termination of this agreement at any point of time by either of the institutions. The termination of this understanding will require notice in six (6) months advance to the other institution

In witness of whom, those present have been executed on behalf of the Obligors pursuant to the memorandum dated 27th February, 2019 passed by Member of the Obligors, on the year herein above-written.

Obligors in the presence of whom MoU Signed (Name and Address)

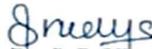
Signature of the Authorities of
Amravati Garden Club


Dr. R. C. Maggirwar
Secretary,
Amravati Garden Club,
Amravati



(For office use only)

Signature of the Authorities of the
Grantee Department and Institution


Dr. S. P. Khodke
Asstt. Prof and Head,
Deptt. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar, Dist. Amravati.

Accepted for and on behalf of the Principal, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati and Amravati Garden Club, Amravati.

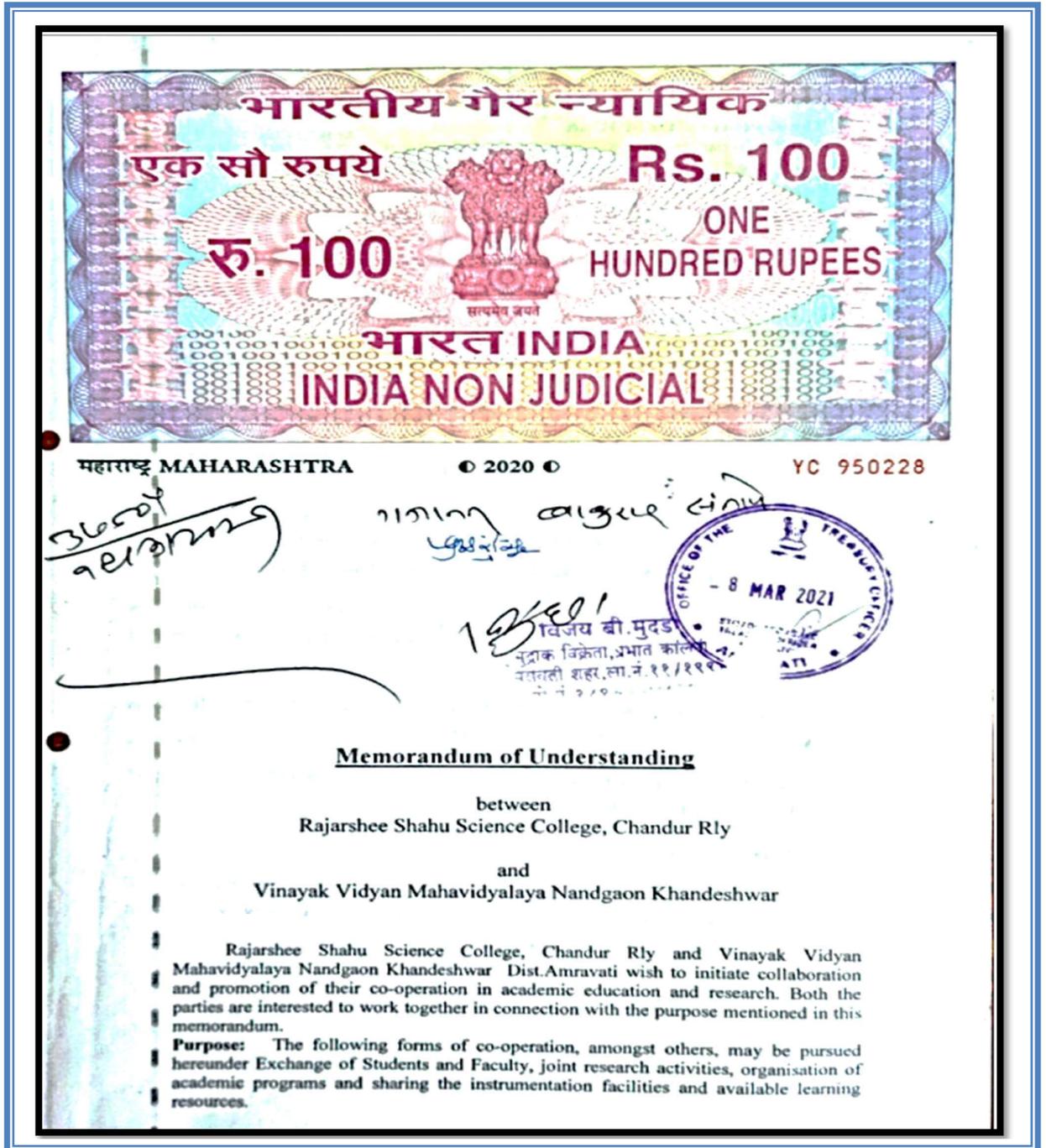

Dr. D. D. Khedkar
President
Amravati Garden Club
Amravati


Dr. A. A. Bhise
Principal
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Dist. Amravati
VINAYAK VIDNAYAN MAHAVIDYALAY
NANDGAON KH. DIST. AMRAVATI

Date : 27th February, 2019
Place : Nandgaon Khandeshwar



Page 3 of 3



The objectives of the MOU are-

1. Both the parties agree to encourage the following activities, in particular to promote academic cooperation

- a) Faculty Exchange and Student Exchange (both online & offline mode)
- b) Organization of Faculty Development Programmes, Professional Development Programmes for Non-Teaching Staff, Conferences, Seminars, Workshops, Co-curricular and Extra-curricular Activities for students
- c) Providing available Learning Resources and sharing of e-content and study materials to students.
- d) Organization of Guest lecture and extension activities
- e) Technical assistance

Before these activities can be implemented, both the parties shall discuss the problems involved to the satisfaction of each party and enter into specific activity agreement based on the mutually agreed objectives and outcomes of the relationship.

2. This MoU is not considered to be a contract creating legal and financial relationships between the parties. Rather, it is designed to facilitate and develop a genuine and mutually beneficial exchange process/ research relationship.

3. Both the parties agree to share infrastructural facilities available with the Institution for the organization of Activities under this MoU.

4. Both the parties agree to share equally the financial liabilities for the organization of activities under this MoU.

5. Validity Period

This MoU will be effective from the date of the last signature hereto and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five-year-period.

6. Arbitration Clause

In the case of any dispute relating any aspect of the academic cooperation, Principal, Rajarshree Shahu Science College Chandur Rly, and Vinayak Vidyan Mahavidyalaya Nandgaon Khandeshwar will join and resolve the dispute in the spirit of independence, mutual respect and shares responsibility .



(Dr.S.S.Thakare)

Principal

Rajarshree Shahu Science College
Chandur Rly, Dist. Amravati



(Dr.Alka Bhise)

Principal

विनायक विद्यालय
Nandgaon Kh. Dist. Amravati
Khandeshwar
Dist. Amravati

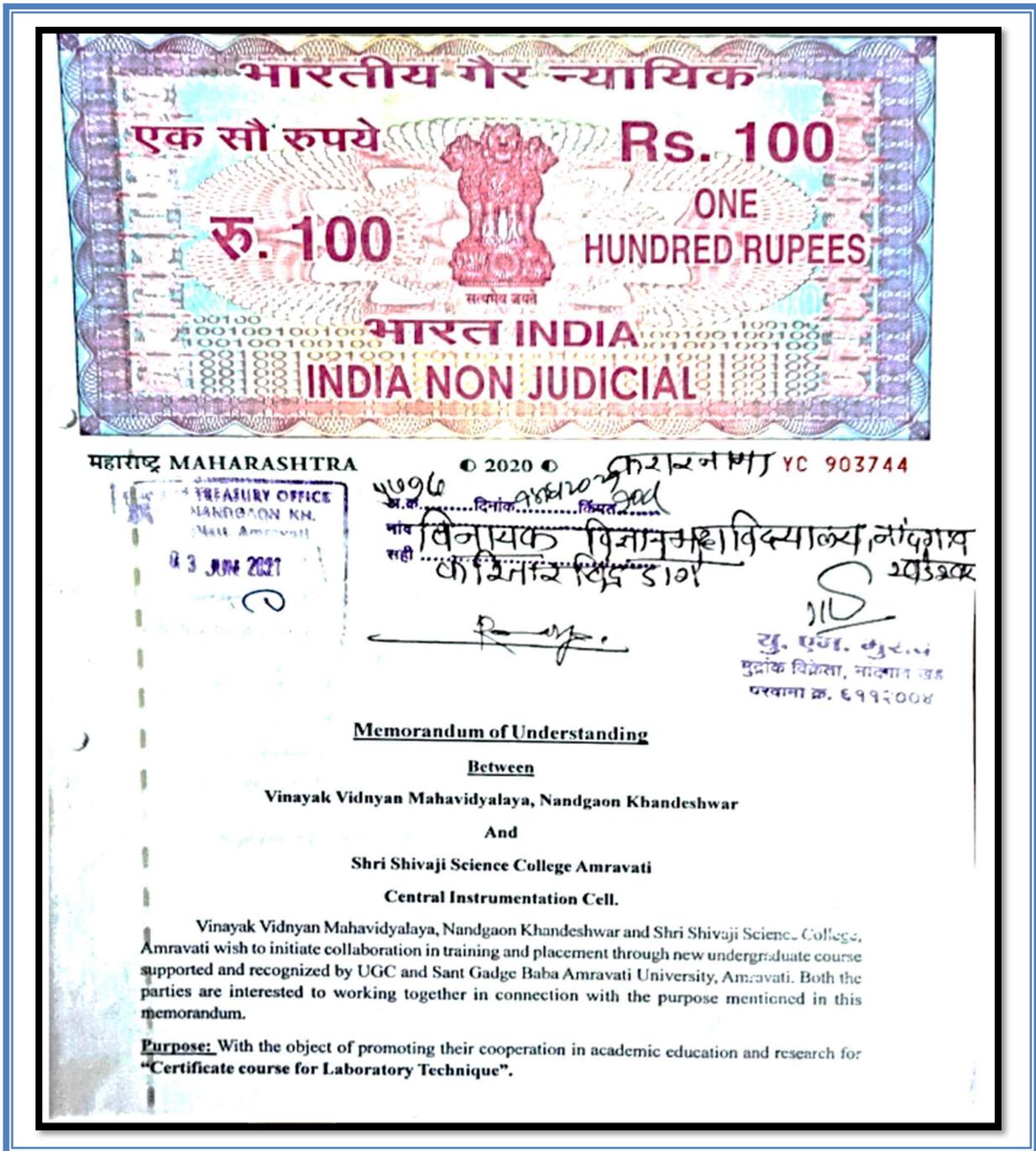


Date: 25th March 2021

Place :- Chandur Railway

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

E) CIC Laboratory, Shri Shivaji Science College, Amravati.



The forms of Co-operation, within such fields as are mutually acceptable for the Parties, the following form of co-operation, amongst others may be pursued hereunder:

Exchange of students, Joint teaching activities, joint research activities, visit by and Exchange of Scholars, teacher and other staff and sharing the instrumentation facilities.

Preamble

Today country is facing demand-supply mismatch, as the economy needs more skilled workers, managers and entrepreneurs than produced annually. The higher education system has to incorporate the requirement of various industries in its curriculum in an innovative and flexible manner while well groomed graduate. In the view of this, UGC implemented the scheme, Deen Dayal Upadhyay center for knowledge acquisition and up gradation of the human skilled abilities and livelihood (Kaushal). This scheme should play vital role to minimize the gap between demand and supply of industries.

We wish to work sincerely to expand education and training to the students in such a programme having its curriculum as per recent demand of the industrial sector.

Objective

The goal of the MOU is to begin / or to expand the formwork of the cooperation between Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar and Shri Shivaji Science College, Amravati.

The objectives of the MOU are:

1. To design the educational programme considering the need of the industry so that students can get placement.
2. To help in developing the curriculum for the educational programs.
3. To provide the training in the specialization area/subjects to the students, as and when required.
4. To train the teaching faculties through workshop/short term courses time to time.
5. To create the skilled human resource as per need to industry and Government agencies.
6. The course also equips students with the skills required to handle advanced equipment in laboratory.
7. Assist the students in developing techniques and attitudes for continuing education.

Validity Period:

This MOU will be effective from the date of last signature here to and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five-year period.

Arbitration Clause

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

In the case of any dispute relating any aspects of the academic cooperation, Principal, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, and Shri Shivaji Science College, Amravati will join and resolve the dispute in the spirit of independence, mutual respect and shares responsibility.


(Dr. Alka A. Bhise)

Principal

PRINCIPAL
VINAYAK VIDNYAN MAHAVIDYALAYA,
NANDGAON KH. DIST. AMRAVATI


(Dr. V.G. Thakare)

Principal
Principal
Shri Shivaji Science College
Amravati,
Amravati




Dr. Suchita P. Khodke)

IQAC Coordinator

IQAC Co-ordinator
VINAYAK VIDNYAN MAHAVIDYALAYA,
NANDGAON KH.
Nandgaon Khandeshwar, Dist. Amravati


(Dr. Mrs. S. P. Ingole)

Head
V.C.C.
Shri Shivaji Science College
Amravati

Date: 22nd June, 2021.

Place: Amravati.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

F) MSP Art's, Commerce and KPT Science College, Manora.

भारतीय गैर न्यायिक
एक सौ रुपये
Rs. 100
ONE HUNDRED RUPEES
रु. 100
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महाराष्ट्र MAHARASHTRA 2020 काठवाटी YC 903747

महाराष्ट्र न्यायिक न्यायालय
नांदगाव-१
जिल्हा अमरावती
3 JUN 2021
S.T. D. NANDGAON KH.

५५१० दिनांक १४/०६/२०२१
नांव विनायक विद्यान महाविद्यालय, नांदगाव खंडे
सही कृष्णा शिंदे

यु. एम. मुरादे
मुद्रांक विक्रेता, नांदगाव खंडे
परवाना क्र. ६११२००४

MEMORANDUM OF UNDERSTANDING
BETWEEN
M.S.P. ARTS, SCIENCE & K.P.T. COMMERCE COLLEGE, MANORA
And
VINAYAK VIDNYAN MAHAVIDYALAYA NANDGAON KHANDESHWAR, DIST.
AMRAVATI.

M.S.P. Arts, Science and K.P.T. Commerce college, Manora and Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar Dist. Amravati wish to initiate collaboration and promotion of their co-operation in academic education and research. Both the parties are interested to work together in connection with the purpose mentioned in this memorandum.

Purpose: The following forms of co-operation, among st others, may be pursued hereunder Exchange of Students and Faculty, Joint research activities, organization of academic programs and sharing the instrumentation facilities and available learning resources.

The objectives if the MoU are:

1. Both the parties agree to encourage the following activities, in particular to promote academic cooperation

- a) Faculty exchange and Student exchange (Both online and offline mode).
- b) Organization of Faculty Development Programmes, Professional Development Programmes for Non-teaching staff, Conferences, Seminars, Workshops, Co-curricular and Extra-curricular activities for the students.
- c) Providing available learning resources and sharing of e-content and study material to students.
- d) Organization of Guest lectures and extension activities.
- e) Technical Assistance:

Before these activities can be implemented, both parties shall discuss the problems involved to the satisfaction of each party and enter into specific activity agreement based on the mutually agreed objectives and outcomes of the relationship.

2. This MoU is not considered to be a contract creating legal and financial relationship between the parties. Rather, it is designed to facilitate and develop a genuine and mutually beneficial exchange process/research relationship.

3. Both the parties agree to share infrastructural facilities available with the institution for the organization of activities under this MoU.

4. Both the parties are agreed to share equally the financial liabilities for the organization of activities under this MoU.

5. Validity Period

This MoU will be effective from the date of the last signature hereto and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five-year-period.

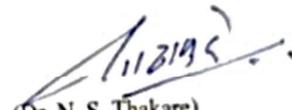
6.Arbitration Clause

In the case of any dispute relating any aspect of the academic cooperation, Principal, M.S.P. Arts, Science and K.P.T. Commerce college, Manora and Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar will join and resolve the dispute in the spirit of independence, mutual respect and shares responsibility.


(Dr. Alka A. Bhise)

Principal

PRINCIPAL
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati


(Dr. N. S. Thakare)

Principal

Principal
M.S.P. Arts, Science and K.P. Comm.
College, Manora, Dist. Washim
Commerce college, Manora


(Dr. Suchita P. Khodke)

IQAC Coordinator

I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.
Nandgaon Khandeshwar



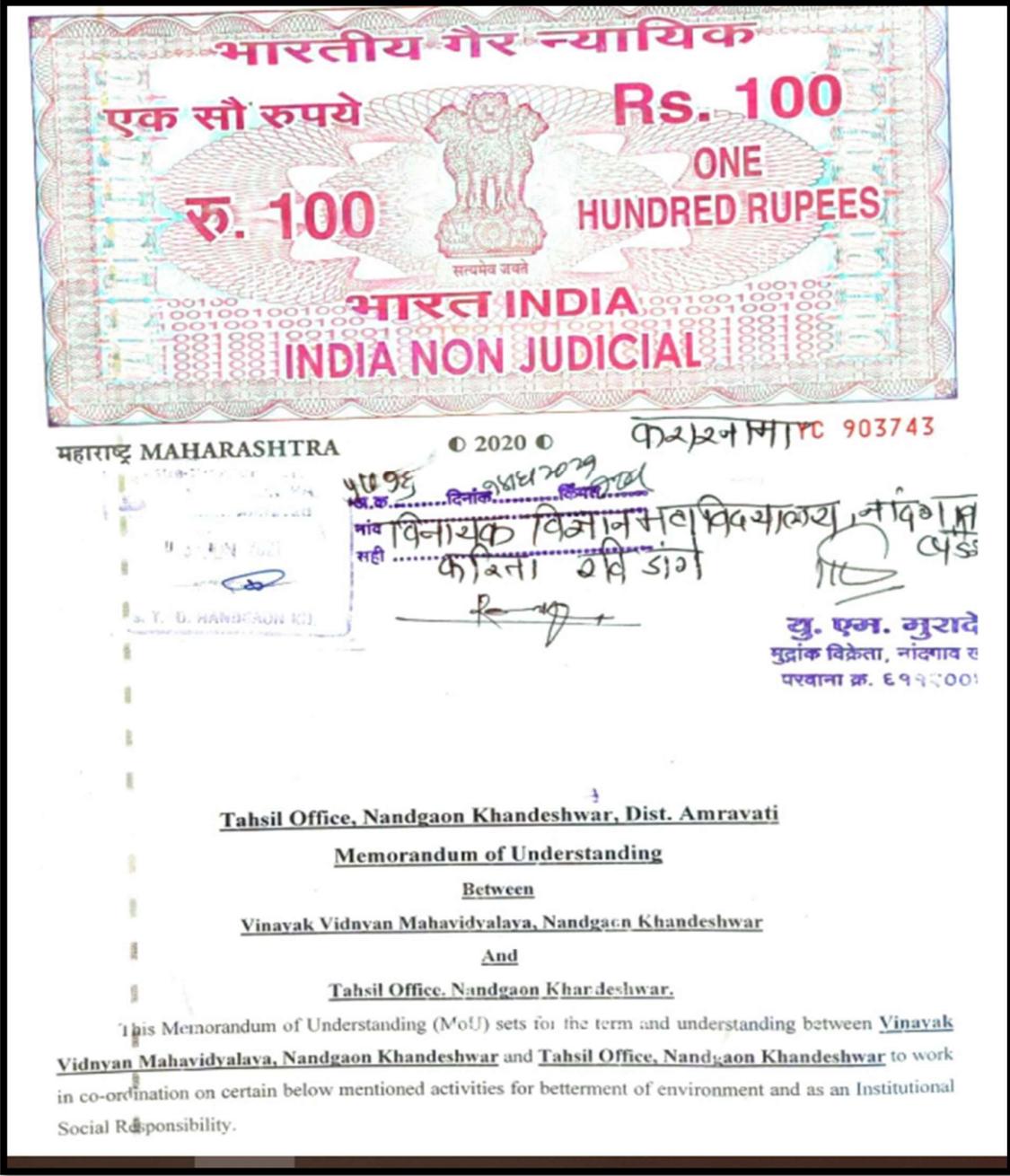

(Dr. A. S. Nile)

Principal

Principal
M.S.P. Arts, Science and K.P.T.
Commerce college, Manora

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

G) Tahsil Office Nandgaon Khandeshwar.



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दिनांक ५/०९/२०१९
माव विनायक विज्ञान महाविद्यालय, नंदगाव
सही कविता रवि शिंगे
यु. एम. मुरादे
मुद्रांक विक्रेता, नंदगाव स
परवाना क्र. ६९२२००१

Tahsil Office, Nandgaon Khandeshwar, Dist. Amravati
Memorandum of Understanding
Between
Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar
And
Tahsil Office, Nandgaon Khandeshwar.

This Memorandum of Understanding (MoU) sets for the term and understanding between Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar and Tahsil Office, Nandgaon Khandeshwar to work in co-ordination on certain below mentioned activities for betterment of environment and as an Institutional Social Responsibility.

Background:

As Tahsil office, Nandgaon Khandeshwar is a governing body and has commands over the main aspects and activities carried out in the Nandgaon Khandeshwar town and neighbourhood area. Our area belongs to rural area, there are many issues which always need attention for the betterment of the society and which is not possible to attain for a single working government body. The current MoU is to share the work and provide the information to Tahsil Office, Nandgaon Khandeshwar regarding the current issues present in the society. This proves beneficial for the governing body to plan and implement the various schemes for the society. The details of activities are attached herewith.

Purpose:

Purpose /Goals of the MoU are as follows

- To create awareness and help people to know about the celebration of Eco-friendly Ganesha.
- To create awareness and initiate the young voters in to registration as a voter.
- To make aware to the society about the importance of Pulse Polio Programme.
- To make aware to the society about the hazardous effects of Tobacco addiction.
- To make aware and inculcate the society in the sanitation campaign.

The above goals will be accomplished by conducting the different activities. The list of the activities that are planned to achieve the said goals are attached with MoU.

Reporting:

The reports of the information/data received from the activities conducted to be provided by Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar to Tahsil Office, Nandgaon Khandeshwar.

Funding:

This MoU does not demand any funds for any cause

Terms and Condition:

From Tahsil Office:

- Provision of the student participation in various activities arranged by the governing authority.
- The students and staff members from the college in various trainings, workshops and seminars are to be arranged if necessary.
- No remuneration to the students or staff members who participate in the activity is permissible.

From College:

- Whenever data is displayed or used in the government operating process, name of the college, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar is to be mentioned as a source.
- The college will be informed in advance for the participation in specific programme.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

- Certificate of appreciation is expected after participation is appreciable in the programme.
- To allow the college participation in the government sponsored programme if any.

Duration:

This MoU is at will and may be modified by mutual consent of authorized official from Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar and Tahsil Office, Nandgaon Khandeshwar. This MoU shall become effective upon signature by the authorized official from Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar and Tahsil Office, Nandgaon Khandeshwar and will remain in the effect until modified or terminated by any one of the partners by mutual consents. In the absence of mutual agreement by the authorized official from Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar and Tahsil Office, Nandgaon Khandeshwar, this MoU will end after Three (3) years from the date of agreement.

Obligators Name and Address:

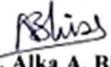

Shri. Purushottam Bhusari
Tahsildar,
Nandgaon Khandeshwar.

Place: Nandgaon Khandeshwar

Date: 9th August 2021



Signature of Grantee


Dr. Alka A. Bhise
Principal
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar.
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

H) Prof. Rajabhau Kala Mahavidyalaya, Nandgaon Khandeshwar.

भारतीय गैर न्यायिक
एक सौ रुपये  **Rs. 100**
रु. 100 **ONE HUNDRED RUPEES**
भारत INDIA
INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA
SUB-TREASURY OFFICE
NANDGAON KH.
Distt. Amravati
20 " 2021
B. T. O. NANDGAON KH.

2020 0 12/12/2020
अ. नं. 199/32 दिनांक 12/12/2020
प्राप्त डॉ. प्रफुल्ल कुमार राजाहाडकर
यु. एम. मुरादे
मुद्रांक विवेका, नांदगाव खंडे
संख्या क्र. 693200X

This Memorandum of Understanding (MoU) is effective as of 10/08/2021 to establish an affiliation by and between

Vinayak Vidnyan Mahavidyalaya ,
Chandur Rly Road Nandgaon Khandeshwar ,
Dist Amravati
And
Prof. Rajabhau Deshmukh Kala Mahavidyalaya ,
Nandgaon Khandeshwar,
Dist :- Amravati

Preamble

Whereas, Vinayak Vidnyan Mahavidyalaya , Nandgaon Khandeshwar , Dist. Amravati and Prof. Rajabhau Deshmukh Kala Mahavidyalaya , Nandgaon Khandeshwar, Dist - Amravati, have many areas of common interest in inter-disciplinary approach, considerable advantage may be gained from their pursuit on a collaborative basis in the fields of academics, education and research on the context of NEP-2020

Now therefore, Vinayak Vidnyan Mahavidyalaya , Nandgaon Khandeshwar , Dist. Amravati and Prof. Rajabhau Deshmukh Kala Mahavidyalaya , Nandgaon Khandeshwar,

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

- b) An exchange student will continue to be treated as full-time student at his/her home institution.
- c) An exchange student will be considered as full-time "exchange" student at the host institution.

C. Other Areas:

- I. To exchange information on research and educational programs,
- II. To exchange information on teaching, learning material and other literature relevant to their educational and research programs,
- III. To organize jointly short-term continuing education programs on topic.
- IV. To organize jointly seminars, conferences, or workshops on topics of mutual interest and to invite each other's faculty to participate therein,

Vinayak Vidnyan Mahavidyalaya , Nandgaon Khandeshwar , Dist. Amravati and Prof. Rajabhau Deshmukh Kala Mahavidyalaya , Nandgaon Khandeshwar, Dist - Amravati ,agree that detailed terms and conditions that guide each activity identified above will be determined separately and agreed upon by the two institutions..

(Note:- There is no any financial assistance from both the institution for organizing any academic activity .)

Date:- 10 / 08 /2021

Place :_Nandgaon Khandeshwar


Principal 10/8/2021
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati
Vinayak Vidnyan Mahavidyalaya
Nandgaon Khan. Dist. Amravati




Principal 10-08-2021
Prof Rajabhau Deshmukh Kala Mahavidyalaya
Nandgaon Kh. Dist. Amravati



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

I) IQAC, Cluster, Pune.



IQAC CLUSTER is a registered trust (MAH/236/2021Punedt5/2/2021). It works for the cause of academic quality of higher educational institutions (HEI) of India.

And

Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar Dist. Amravati

Principal Name- Dr. Alka A. Bhise , M- 9823526341 Email- bhisealka@gmail.com

IQAC Co-coordinator Name- Dr. Suchita P. Khodke, Mob. No. 9823165900, E-Mail ID khodke.suchita@gmail.com

Have taken an initiative of bringing the IQACs of the participating organizations together for the purpose of Cooperation, promotion and Networking of IQAC's of respective colleges to standardize conduct short term courses, policies, procedures and to collectively work out the areas for better academics and administration. The entire exercise primarily aims at

1. The best advantage to the end-user is "The student"
2. Conduct short-term courses by IQAC Cluster for the students of participating institutions.
3. To Promote Quality for organizations to rise on a common platform rather than a singular attempt.
4. To promote the teacher and the taught in the areas of Academics, Co-curricular and extracurricular activities and research.
5. To create a platform for organizations to go hand in hand.
6. To conduct activities for students of sharing institutions and to promote the best for the student benefit.
7. Bringing the educational communities together for a better purpose.
8. Any event/ activity thought process/ quality thought that gives an advantage on a mutual basis would be the platform of IQACs.

1.0 INTRODUCTION. This Memorandum of Understanding (MOU) is made between IQAC Cluster and Participating HEI of **Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar Dist Amravati**

and are referred to herein as "the Parties" to this MOU.

- 1.1 The Parties intend by this MOU to establish a mutually beneficial partnership.
- 1.2 This MOU will address the basic relationship, roles and responsibilities of the Parties but leaves for later agreement the more precise terms that will constitute the substance of the partnership

2.0 PURPOSE.



The Parties enter into this MOU for the primary purpose of conducting short term courses for students by IQAC Cluster and for Co-operation Promotion and Networking of IQACs of respective colleges for academic enhancement.

3.0 AUTHORITY.

The MoU will primarily be governed by IQAC Cluster and the Participating Colleges on the online platform. The IQAC coordinators/ nominees will be the authority to represent and express the college.

4.0 ROLES AND RESPONSIBILITIES OF THE PARTIES. The Parties intend to undertake the following activities pursuant to this MOU:

4.1 Parties agree to:

4.1.1 have short term courses of academic/curricular/ co-curricular/ extracurricular/ environmental/ Research/ skill promoting/ law & ethics/ subject that institution feels important to be conducted by IQAC Cluster.

4.1.2 Have necessary agreements/MoUs needed for conducting these short-term courses in colleges for students and teaching faculty.

4.1.3 Share information with confidentiality as the main clause which does not harm the participating organizations.

4.1.4 Create better working environments and better academic practices through joint working and sharing of information.

4.1.5. Any other activity of common interest that promotes quality in the working of the organization.

4.2 The Parties agree to:

4.2.1 Work in Collaboration for :

- Short term courses being conducted by IQAC Cluster.
- To stimulate the academic environment for the promotion of quality of teaching-learning and research in higher education institutions;
- To promote quality-related research studies, consultancy and training Programmes.

Some of the functions expected from NAAC for IQAC are:



This MoU would promote the functions expected

4.2.2 the courses aim to promote core values of NAAC in youth and nation-building by

- Contributing to National Development
- Fostering Global Competencies among Students
- Inculcating a Value System in Students
- Promoting the Use of Technology
- Quest for Excellence

5.0 Course details:

5.1: Basic Details:

- IQAC Cluster will conduct online courses for students of the HEI's participating in the MoU. The participating HEIs can choose the courses of their need and choice from the list of courses they wish to have for their students. The list of courses is available along with this MoU, the number of courses will increase, and new courses will be available and will be communicated to the participating higher educational institutions from time to time.
- The participating HEI are free to choose the online short-term course of choice. The courses will be offered at a price of Rs.5000 (Five thousand per course) for one credit (12 hours) each year, however, it does not include courses which are of 30 hours and above.
- Institution can enroll any number of students for the said course at a time. The enrolment should come from the institution as per the format provided by the cluster.
- The institution can choose any number of online courses they wish to. The HEIs have the freedom to change courses every year. For both the years (during the tenure of the MoU) the course fee will remain constant
- The one-credit courses will be of 12 hours and will be online. They will be preferably conducted during non-college hours (evenings).
- The courses will be conducted as per the schedule. The schedule will be conveyed to the colleges at least 15 days in advance.
- The schedule will also include the flyer, the speaker details and credentials of the speaker and the weightage of the content in NAAC.
- The student should be from the same HEI with whom the MoU is being done.



5.2: Conduct mechanism of the course:

- a) Course delivery will be on zoom where the college course coordinator can join, for students the course will be delivered through YouTube.
- b) Student registration list will be sent by the participating HEI. Only registered students are eligible for the course.
- c) The registered students will receive the link from our official technology partner "Whitecode". The students will also register on our LMS named snowpandit. The recordings of the session will be available on snow pandit, the student can watch them on snow pandit the next day also.
- d) During the session a link of attendance will be available which the student will need to fill for his attendance.
- e) The course will be conducted in Hindi – English in a dual language, unless specified, some very specific courses can be in some regional language.

5.3: Evaluation, Results and certification:

- a) The course will be evaluated on a day-to-day basis on the LMS. The student will have to log in and solve the questions on snowpandit in the next 24 hours. Each day's evaluation will carry 5 marks. The scores will count. The final test will be 20 marks. The total evaluation will thus be 30 plus 20 marks i.e., 50 marks. The passing score needed is 20 marks out of 50.
- b) The student will not be declared pass unless he completes the examination within one week of completion of the course (i.e., a total of 15days from starting the course) student can give the exam a second time in case he fails in his first attempt.
- c) If the student does not complete the course in said time his result will be withheld. If he does not complete the course in one month his admission stands cancelled for the course.
- d) A collective evaluation sheet of the student will be handed over to the participating HEI by the cluster.
- e) IQAC Cluster can provide e-certificates with college name (at an additional cost) (these are the proofs demanded by naac). The college can print the certificates on its own but it must have a logo and signature of IQAC Cluster. The signature and logo would come at an extra cost of Rs.1000/- per course offered.



5.4: Documentary proofs: on the completion of the course IQAC Cluster will provide the following proofs:

1. Flyer of the course.
2. Details of the course: cluster course coordinator, a course designed by, speaker list, and information about speakers. Time table, a brief description of each session. Photos of the speakers.
3. Registration list stamped by the cluster (the list was provided by the HEI).
4. Attendance of students who had attended live.
5. Result of the students and the scores they have achieved.
6. List of Students who have successfully completed the course.
7. An overall report of the course and college participation.

6.0 MoU between colleges: colleges will be able to interact and continue the MoU by conducting a variety of activity sharing between the interacting partners.

- Student-teacher exchange programs.
- To stimulate the academic environment for the promotion of quality of teaching-learning and research in higher education institutions through seminars, webinars, workshops, live interactions, etc.
- To promote quality-related research studies, consultancy and training Programmes.
- Sharing infrastructure to promote education
- To work on Institutional Social responsibilities
- Current issues – solving and awareness.
- Any other that the participating institutions wish to organize.

MOU, the Parties agree to the following terms and conditions:

1. Each Party pledges in good faith to go forward with this MOU and to further the goals and purposes of this MOU, subject to the terms and conditions of this MOU. The Parties shall attempt to resolve disputes through good faith discussions.

2. Either Party may withdraw at any time from this MOU by transmitting signed writing to that effect to the other Party. This MOU and the partnership created thereby shall be considered terminated sixty (60) days from the date the non-withdrawing Party actually receives the notice of withdrawal from the withdrawing Party. In case of an abrupt withdrawal when the event is to start or is in the process the party must cooperate to fulfill the event and make it successful.

3. The Parties agree that if withdraws at any time from this MOU previous student data submitted will remain with the parties. If the data is to be used, it will be used



with mention and would be communicated to the concerned party before use. Sensitive data cannot be used.

4. By mutual agreement, which may be either formal or informal, the Parties may modify the list of intended activities set and/or determine the practical manner by which the goals, purposes and activities of this MOU will be accomplished. However, any modification to any other written part of this MOU must be made in writing and signed by all Parties and their designees.

5. Nothing in this MOU shall be construed to authorize or permit any violation of any Government, State or local/UGC or University law imposed upon the Parties,

6. The parties will not compel each other which could lead to any legal hassle. Every party has the right to share the information they feel is worth sharing. It is not binding on the parties to share each and every piece of information.

7. The issues with intellectual property rights can be shared only with the prior permission of the concerned party

7.0 PRIMARY CONTACTS. The Primary contacts of the participating parties are:

No	Name of the Organization and Address	Name of the Official & Designation	Phone no	E-mails.
1.	Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar Dist. Amravati	Name of (Principal) Dr. Alka A. Bhise Name of (IQAC Co-ordinator) Dr. Suchita P. Khodke	College Phone 07221-222245 For coordinator mobile no 9823165900	Preferably institutional Vym197@sgbau.ac.in

- The addresses and contact details above need to be rectified

8.0 TERMINATION. Unless terminated by a written agreement executed by either Party, this MOU shall remain in effect.

9.0 AUTHORIZED SIGNATORIES. The Parties hereby agree to the foregoing MOU, which shall be effective






Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

10.0 LEGAL JURISDICTION: Pune Jurisdiction

* Principals of Respective colleges & IQAC coordinators.

Signatures of the Authorities:

Mr Peeyush Pahade
(President, IQAC Cluster)



Name of Organization: IQAC Cluster

Address: White code, 3rd floor Navale ICON, Pune 411041.



Witness:

Mr Parag Shah
Trustee, IQAC Cluster
Mr Bharat Kangude
Trustee



Name of the organization	Signature of the Principal	Signature of the IQAC Coordinator	College Seal / Stamp
Vinayak Vidnyan Mahavidyalaya Nandgaon kh dist Amravati			



J) Career Katta, Add on course.

सामंजस्य करार

**करिअर कट्टा आणि महाविद्यालय
Add on Course**

पार्टी नं. १ :- करिअर कट्टा

पार्टी नं. २ :- महाविद्यालयाचे नाव विनायक विज्ञान महाविद्यालय, नांदगांव खंडेष्ट्यर, जि. अमरावती

उद्देश

महाराष्ट्र राज्य उच्च व तंत्र शिक्षण विभाग व महाराष्ट्र माहिती तंत्रज्ञान महाव्यवस्था केंद्र यांच्या संयुक्त विद्यमाने "करिअर कट्टा" या उपक्रमांतर्गत विद्यार्थ्यांच्यामध्ये कौशल्य वृद्धीकरणाच्या दृष्टिकोनातून ऑनलाईन पध्दतीने तीस तास (दोन क्रेडिट) असे कोर्सेस तयार करण्यात आलेले आहेत. या कोर्सेसचा महाविद्यालयांमध्ये राबवण्यासाठीचा सामंजस्य करार करित आहे.

करिअर कट्ट्याची जबाबदारी

१. सदर अभ्यासक्रम ठरवणे.
२. अभ्यासक्रमासाठी आवश्यक असणारे तज्ञ व्यक्तींचे मार्गदर्शन उपलब्ध करून देणे.
३. सदर अभ्यासक्रमांतर्गत प्रशिक्षणानंतर विद्यार्थ्यांच्या अंतर्गत मूल्यांकनासाठीच्या परीक्षांचे नियोजन करणे.
४. योग्य त्यावेळी विद्यार्थ्यांना आवश्यकतेप्रमाणे तांत्रिक बाबींची माहिती देण्याचे विशेष सेशन आयोजित करणे.

महाविद्यालयाची जबाबदारी

१. करिअर कट्टा अंतर्गत सुरु असणाऱ्या कौशल्य वृद्धीकरणाच्या दृष्टिकोनातून सुरु असणाऱ्या Add on Course ची माहिती विद्यार्थ्यांना देणे.
२. विद्यार्थ्यांची नोंदणी करून घेऊन या प्रक्रियेमध्ये समाविष्ट करून घेणे.
३. समाविष्ट विद्यार्थ्यांच्या नियमित उपस्थितीबाबत वारंवार अहवाल घेऊन उपस्थितीमध्ये सातत्य राहिल यासाठी प्रयत्न करणे.

४ विद्यारथीना आवश्यक असणारे स्थानिक पातळीवरची साधनसामग्री उपलब्ध करून देणे.

नियम व अटी

१. सदर बाबीमध्ये विद्यार्थ्यांच्याकडून कोणत्याही शुल्क करिअर कट्टा कडून आकारते जाणार नाही
२. महाविद्यालयाला अपेक्षित असल्यास विद्यार्थ्यांच्या अतिरिक्त सुविधासाठी किफायतशीर दरामध्ये महाविद्यालय उपलब्ध करून देऊ शकते त्यासाठी आकारण्याचा आणि खर्च करण्याचा अधिकार महाविद्यालयाचा असेल.
३. सदर सामजस्य कराराचा कालावधी तीन वर्षांसाठी असेल.
४. सदर उपक्रमांमध्ये करिअर कट्ट्याच्या नोंदणी शुल्काव्यतिरिक्त कोणतेही शुल्क करिअर कट्ट्याच्या नावाने अतिरिक्त घेतल्यास ती संपूर्ण जबाबदारी महाविद्यालयाची असेल.

१. यशवत शितोळे

अध्यक्ष महाराष्ट्र माहिती तंत्रज्ञान सहाय्यता केंद्र

२. महाविद्यालयाचे नाव विनायक विज्ञान महाविद्यालय, नांदगांव खंडेभ्वर, जि. अमरावती

३. प्राचार्य डॉ. अलका अनंत भिसे



K) Career Katta, Police Bharati.

सामंजस्य करार
करिअर कट्टा आणि महाविद्यालय
पोलीस भरतीपूर्व प्रशिक्षण

पार्टी नं. १ :- करिअर कट्टा

पार्टी नं. २ :- महाविद्यालयाचे नाव विनायक विज्ञान महाविद्यालय, नांदगांव खंडेश्वर, जि. अमरावती

उद्देश

महाराष्ट्र राज्य उच्च व तंत्र शिक्षण विभाग व महाराष्ट्र माहिती तंत्रज्ञान सहाय्यता केंद्र यांच्या संयुक्त विद्यमाने "करिअर कट्टा" या उपक्रमांतर्गत पोलीस भरती पूर्व प्रशिक्षणासाठी ऑनलाइन पद्धतीने मार्गदर्शन करून विद्यार्थ्यांच्या मध्ये यशस्वीतेचे प्रमाण वाढवण्याचा प्रयत्न केला जाणार आहे. या माध्यमातून ग्रामीण भागातील विद्यार्थ्यांना ऑनलाइन पद्धतीने तज्ञ व्यक्तींचे मार्गदर्शन उपलब्ध होईल आणि महाविद्यालयाच्या वतीने मेदानावर विद्यार्थ्यांचा सराव घेतल्यानंतर त्यांना शासकीय नोकरीमध्ये समाविष्ट होण्यासाठी मदत होईल व त्यांचे चांगले परिणाम होतील या उद्देशाने महाविद्यालय व करिअर कट्टा एकत्रितरित्या हा सामंजस्य करार करित आहे.

करिअर कट्ट्याची जबाबदारी

१. सदर अभ्यासक्रम ठरवणे.
२. अभ्यासक्रमासाठी आवश्यक असणारे तज्ञ व्यक्तींचे मार्गदर्शन उपलब्ध करून देणे.
३. सदर अभ्यासक्रमांतर्गत प्रशिक्षणानंतर विद्यार्थ्यांच्या अंतर्गत मूल्यांकनासाठीच्या परीक्षांचे नियोजन करणे.
४. याचय त्यावेळी विद्यार्थ्यांना आवश्यकतेप्रमाणे तांत्रिक बाबींची माहिती देण्याचे विशेष सेशन आयोजित करणे.

महाविद्यालयाची जबाबदारी

१. करिअर कट्टा अंतर्गत सुरु असणाऱ्या पोलीस भरतीपूर्व प्रशिक्षणाची माहिती विद्यार्थ्यांना देणे.
२. विद्यार्थ्यांची नोंदणी करून घेऊन या प्रक्रियेमध्ये समाविष्ट करून घेणे.
३. समाविष्ट विद्यार्थ्यांच्या नियमित उपस्थितीबाबत वारंवार अहवाल घेऊन उपस्थितीमध्ये सातत्य राहिल यासाठी प्रयत्न करणे.

४. महाविद्यालयीन स्तरावर शारीरिक शिक्षणाचे जे प्रशिक्षक उपलब्ध आहेत त्यांच्याकडून विद्यार्थ्यांच्या शारीरिक क्षमता चाचणीच्या आवश्यक ते सराव करून घेणे.

५. विद्यार्थ्यांना आवश्यक असणारे स्थानिक पातळीवरची साधनसामग्री उपलब्ध करून देणे.

नियम व अटी

१. सदर बाबीमध्ये विद्यार्थ्यांच्याकडून कोणत्याही शुल्क करिअर कट्टा कडून आकारले जाणार नाही.

२. महाविद्यालयाला अपेक्षित असल्यास विद्यार्थ्यांच्या अतिरिक्त सुविधेसाठी किफायतशीर दरामध्ये महाविद्यालय उपलब्ध करून देऊ शकते त्यासाठी आम्बरण्याचा आणि खर्च करण्याचा अधिकार महाविद्यालयाचा असेल.

३. सदर सामंजस्य कराराचा कालावधी तीन वर्षांसाठी असेल.

४. सदर उपक्रमांमध्ये करिअर कट्ट्याच्या नोंदणी शुल्काव्यतिरिक्त कोणतेही शुल्क पोलीस भरतीपूर्व प्रशिक्षणासाठी अतिरिक्त घेतल्यास करिअर कट्ट्याच्या नावाने घेतल्यास ती संपूर्ण जबाबदारी महाविद्यालयाची असेल.

५. सदर प्रशिक्षणामध्ये दिले जाणारे प्रशिक्षण हे विद्यार्थ्यांच्या तयारीसाठी करून जात असते शासकीय भरती प्रक्रिया हा या उपक्रमाचा भाग नाही.

६. वर्षभरामध्ये चालणाऱ्या प्रशिक्षणाच्या बॅचेसचे नियोजन हे राज्यस्तरीय पद्धतीने करण्यात येईल.

७. व्यक्तिगत महाविद्यालयाच्या सोयीनुसार त्याच्यामध्ये बदल करता येणार नाही.

१. यशवंत शितोळे

अध्यक्ष, महाराष्ट्र माहिती तंत्रज्ञान सहाय्यता केंद्र

Jasswani



२. महाविद्यालयाचे नाव विनायक विज्ञान महाविद्यालय, नांदगांव खंडेश्वर, जि. अमरावती

३. प्राचार्य डॉ. अलका अनंत भिसे

Alka

४. सन्वयकाचे नाव डॉ. गर्जेद्रसिंग सुरजपालसिंग पचलोरे

Dr. G. S. Pachlore



L) Vidya Bharati Mahavidyalaya, Paramarsh Scheme.

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI
(MENTOR AND MENTEE - UGC SCHEME PARAMARSH)**

Memorandum of Understanding for UGC scheme Paramarsh
between
Vidya Bharati Mahavidyalaya, Amravati (Mentor of UGC scheme Paramarsh)
and
Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati. (Mentee of UGC scheme Paramarsh)

Striving to fulfil this objective UGC has developed the scheme of "Paramarsh" a new initiative for mentoring the non-accredited institutions to enable them get accredited by 2022. The scheme intends to promote well performing accredited institutions to mentor the NAAC accreditation aspiring institutions to upgrade their academic performance and get accredited. "Paramarsh" a guideline for Mentoring of NAAC accreditation aspirant institutions to promote Quality Assurance in Higher Education.
Main Objective: The main objective of the scheme is to enhance the overall quality of the mentee institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited.

Mentoring will facilitate the following:

1. Training of Faculty and Staff for proper processes, documentation, presentation
2. Sharing of knowledge, information and resources,
3. Opportunities for research collaboration and faculty development
4. Guidance and encouragement to institutions to adopt best practices.

Mentee Benefits;

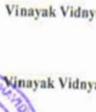
1. Brings about enhancement in the overall Quality of the Mentee Institution.
2. Enhances the profile of institutions as a result of improved quality of research, teaching and learning methodologies.
3. Receives support in the Professional Development of Academics.
4. Increased exposure and speedier adaptation to best practices.

Tenure and Termination:
This MoU will take effect from the date it is signed by representatives of the two institutions. It will remain valid for one year, and may be continued thereafter after suitable review and agreement. Either institution may terminate the MoU by giving written notice to the other institution six months in advance. Once terminated, neither Vidya Bharati Mahavidyalaya, Amravati nor Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati will be responsible for any losses, financial or otherwise, which the other institutions may suffer. However, both the institutes will ensure that all activities in progress are allowed to complete successfully.
This MoU is signed subject to approval of the respective academic/administrative bodies.
Date: 14.08.2019
Place: Amravati


Signature & Seal

President/Secretary
Vidya Bharati Mahavidyalaya, Amravati


Principal
Vidya Bharati Mahavidyalaya, Amravati


Principal
Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati


Principal
VINAYAK VIDNAYAN MAHAVIDYALAYA
NANDGAON KH. DIST. AMRAVATI



2. Programmes under Functional MoU's



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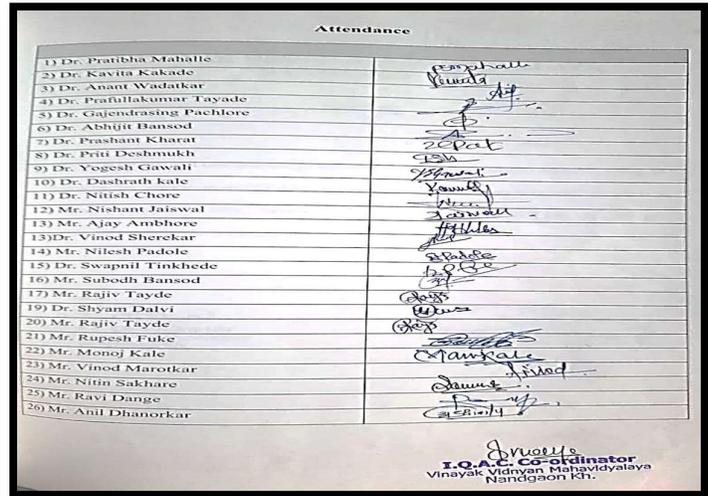
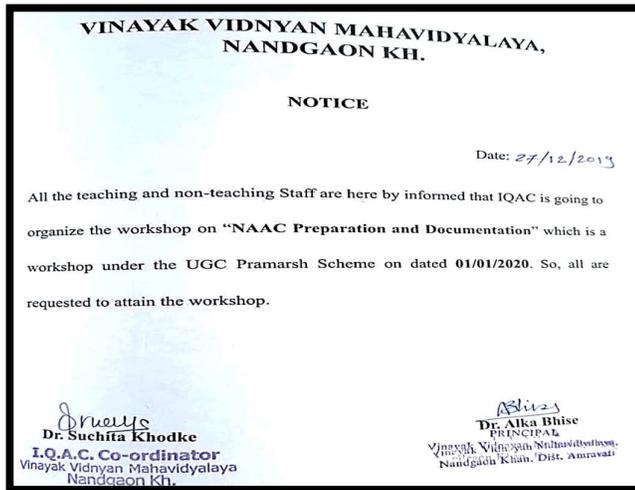
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Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

➤ I. Activities under MoU's in the year 2019-20

Collaborating Agency: Vidya Bharati Mahavidyalaya, Paramarsh Scheme.

1) Name of the Activity: "One day Institutional Level Workshop on NAAC Preparation and Documentation"



A one-day workshop on "**NAAC Preparation and Documentation**" was organized on by IQAC, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar on **1st January 2020**. This workshop was taken under the Memorandum of Understanding for **UGC Paramarsh Scheme** between Vidya Bharati Mahavidyalaya, Amravati (Mentor) and Vinayak Vidnyan Mahavidyalaya (Mentee). **Prof. Dr. R.M. Patil**, IQAC Coordinator, Vidya Bharti Mahavidyalaya, Amravati was present as resource person for the workshop. Prof. Dr. R.M. Patil had given the detailed guidelines about the NAAC manual, NAAC accreditation process and guided about the preparation to be done by the college while facing the NAAC accreditation.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency: Garden Club, Amravati.

2) Name of the Activity: Three Days workshop entitled “Basic Gardening technique”.

Three Day Online Workshop on "BASIC GARDENING TECHNIQUES"
(Soil Mixture Making, Potting-Repotting & Kitchen Gardening)
29th to 31st May, 2020 Daily 5.00 to 6.30 pm

Organized by
AMRAVATI GARDEN CLUB
Love Plants, Save Life

Collaboration

- Kiran Nursery & Gardens, Amravati,
- Shri Shivaji Science College, Amravati
- Shri Shivaji Horticulture College, Amravati
- Shri Vinayak Vidnyan Maha., Nandgaon Kh.
- G. S. Tompe College, Chandur Bz.
- Rajashri Shahu Sci. College, Chandur Rly.

Workshop Schedule:-

29 th May	30 th May	31 st May
Session 1: Soil Preparation Dr. Suchita Khodke Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.	Session 3: Potting/Repotting Shri. Nilesh Futane Shri Shivaji Horticulture College, Amravati	Session 5: Kitchen Gardening Dr. Yugandhara Rajgure G. S. Tompe College, Chandur Bazar
Session 2: Practical Mr. Subhash Bhawe Kiran Nursery & Gardens, Amravati	Session 4: Practical Mrs. Shital Chitode Shri Shivaji Horticulture College, Amravati	Session 6: Practical Dr. Gajendra Pachlore Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Who Can Participate: Any person desiring to develop own Garden
Conditions: Full time participation, Online Registration and Feedback
How to participate: Google Meet to PC/Laptop/Mobile
How to Register: Last Date: 29 May upto 10.00 am
Registration Link: <https://forms.gle/wHrGVVam7AdMO168> or Scan QR Code

Programme Flyer

Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati

Department of Botany
Permission letter

To
The Principal
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh)

Subject: Seeking permission to organise "Three days workshop"

Respected Sir,

Department of Botany wishes to seek your permission for the conduction of "Three day workshop entitled Basic Gardening Techniques". In collaboration with Kiran Nursery and Gardan, Amravati, Shri Shivaji science College, Amravati, Shri Shivaji Horticulture College, Amravati, G.S. Tompe College, Chandur Bazar and Rajashri Shahu Science College, Chandur Rly. The initiative is taken to develop gardening techniques of students.

We request you to grant us the permission to conduct the above said activity on 29 to 31 May 2020.

Regards.

Date: 20 May 2020

permission granted.
Principal
VINAYAK VIDNYAN MAHAVIDYALAYA
NANDGAON KH. DIST. AMRAVATI

Dr. Suchita Khodke
Head Dept. of Botany
Head
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Principal Permission

Department of Botany in collaboration with Garden Club, Amravati had organized three days workshop on the topic **“Basic Gardening Technique”** from **29th May 2020 to 31st May 2020** via online platform Google Meet. The main objectives of the workshop were to provides basic knowledge of gardening to plant lovers. The resource persons for the workshop were Dr. Suchita Khodke, Mr. Subhash Bhawe, Mr. Nilesh Futane, Mrs. Shital Chitode, Dr. Yugandhara Rajgure and Dr. Gajendra Pachlore. Throughout the workshop there was discussion on Soil Preparation, Potting/ Repotting and Kitchen Gardening.

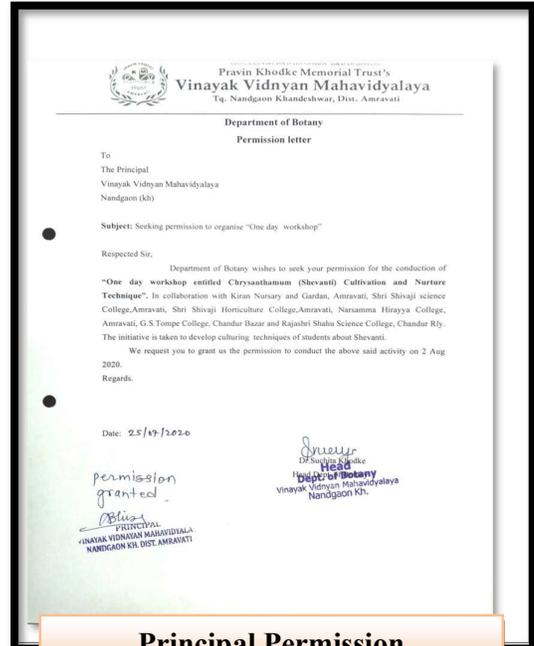


Collaborating Agency: Garden Club, Amravati.

3) Name of the Activity: One day Workshop entitled “Shevanti Cultivation and Nurture Technique”

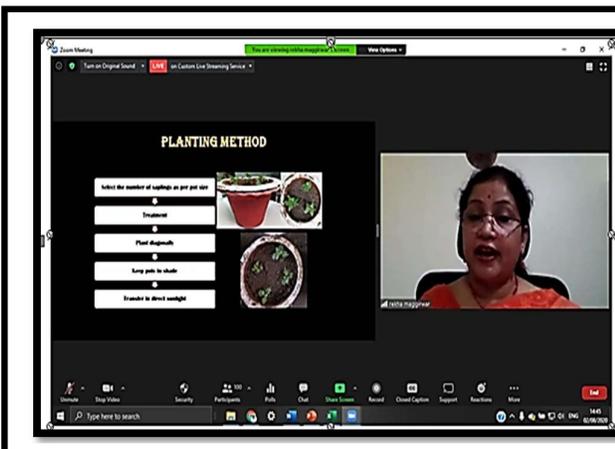


Programme Flyer



Principal Permission

Department of Botany in collaboration with Garden Club, Amravati had organized one day workshop on the topic “Shevanti Cultivation and Nurture Technique” on 2nd August 2020 via online platform Zoom. The main objectives of the workshop were to provides basic knowledge techniques to grow and cultivate the plant, Shevanti. The resource persons for the workshop were Dr. Rekha C. Maggirwar, Shri Subhash Bhawe and Shri. Anil Bhode.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency: Shri Shivaji Horticulture College of Amravati.

4) Name of the Activity: Agricultural workshop on Soyabean cultivation and Management”.



Latitude: 20.77625
Longitude: 77.651277
Elevation: 387.26m
Accuracy: 2.3m
Azimuth: 235° (SW)
Pitch: -9.4° (4.1°)
Time: 07-03-2020 14:21
Note: बोपी

Powered by AgriCam

As part of MOU, Shri Shivaji Horticultural college Amravati and Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. had organized one day workshop on “Soyabean cultivation and Management” at Bopi on 7th March 2020. The main aim of this workshop was to give scientific information of Soyabean crop. Dr. Kalpana Patil, Assistant Professor Department of Entomology of Shri Shivaji Horticulture college present as a resource person.

Dr. Suchita Khodke, HOD and IQAC coordinator had taken initiative and welcome all the farmers for the workshop. In the session, Dr. Kalpana Patil had given detailed information on the ways how to increase productivity, improved varieties, land, climate, how to pre-cultivate land for soybean crop, when and how to sow soybeans, how to use intercropping methods, fertilizer management, intercropping etc.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency: Shri Shivaji Horticulture College of Amravati.

5) Name of the Activity: Agricultural workshop on Soyabean and Tur cultivation and Management”.



As part of MOU, Shri Shivaji Horticultural college Amravati and Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. had organized one day workshop on “Soyabean and Tur cultivation and Management” at Ajni on 7th March 2020. The main aim of this workshop was to give scientific information of Soyabean and Tur crop. Dr. Kalpana Patil, Assistant Professor Department of Entomology of Shri Shivaji Horticulture college present as a resource person.

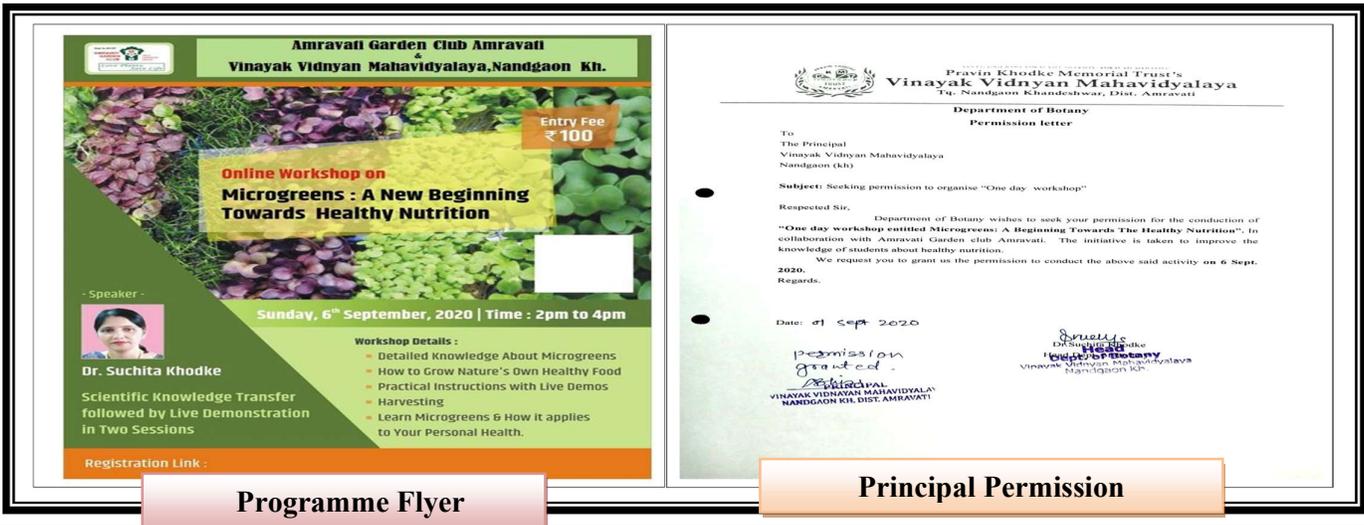
Dr Suchita Khodke, HOD and IQAC coordinator had taken initiative and welcome all the farmers for the workshop. In the session, Dr. Kalpana Patil had given detailed information on the ways how to increase productivity, improved varieties, land, climate, how to pre-cultivate land for soybean and Tur crop, when and how to sow soybeans and Tur, how to use intercropping methods, fertilizer management, intercropping etc.

She also highlighted the new Soybean and Tur crop management practices with technologies like **BBF** plantation, use of seed treatments, sowing should be done on germination test, balanced application of fertilizers, application of herbicides & insecticides

➤ II) Activities under MoU's in the year 2020-21

Collaborating Agency: Garden Club, Amravati.

1) Name of the Activity: One day workshop entitled "Microgreens: A beginning towards the healthy nutrition"



The image shows two documents side-by-side. On the left is a flyer for an online workshop titled "Microgreens: A New Beginning Towards Healthy Nutrition" organized by Amravati Garden Club in collaboration with Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. The flyer lists the speaker as Dr. Suchita Khodke, the date as Sunday, 6th September, 2020, and the time as 2pm to 4pm. It also includes workshop details such as "Detailed Knowledge About Microgreens" and "How to Grow Nature's Own Healthy Food". On the right is a "Principal Permission" letter from the Department of Botany at Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. The letter is addressed to the Principal and seeks permission to organize a one-day workshop on 6th September 2020. The letter is signed by the Principal, Dr. Suchita Khodke, and dated 01 Sept 2020.

Programme Flyer

Principal Permission

Department of Botany in collaboration with Garden Club, Amravati had organized one day workshop on the topic "Microgreens: A Beginning Towards the Healthy Nutrition" on 6th September 2020 via online platform Zoom. The main objectives of the workshop were to aware the society about the importance of healthy diet and regular physical activity. The resource person for the workshop was Dr. Suchita Khodke, IQAC Coordinator, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar. The session focused on information about the Microgreens, how to grow them at home and caring of microgreens.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency: Garden Club, Amravati.

2) Name of the Activity: Three days workshop entitled “Gardening Techniques and Management.”

Amravati Garden Club, Amravati
In Association with
Vinayak Vidnyan Mahavidyalaya, Nandgaon (kh)
And
G.S.Tompe Arts, Comm & Science College, Chandur Bazar
Presents

"Be the Creator of Your Own Garden"
A Three Days Online Workshop on
Advance Gardening Techniques and Management
26-28 June, 2021

Registration Free

Day 1 26 June 2021
Soil Reclamation, Bio composting & Repotting
Dr. Suchita Khodke

Day 2 27 June 2021
Creative Garden Planning & Management
Dr. Chandrashekar Deshmukh

Day 3 28 June 2021
Foundation Program for 2 Months Workshop And Panel Discussion
Dr. Umesh Kanerkar

Organizing Secretary
Dr. Umesh Kanerkar
Assistant Professor
Dept. of Botany

Programme Flyer

Amravati Garden Club Amravati in Collaboration with Vinayak Vidnyan Mahavidyalaya, Nandgaon (kh) and G. S. Tompe Mahavidyalaya, Chandur Bazar
Organizes
Three Day Online Workshop on Advance Gardening Techniques and Management 26th to 28th June, 2021

Programme Details: Daily 11.00 AM to 2.00 PM

S.N.	Event Details	Speaker	Time
26th June 2020			
1	Welcome to the Guests, Resource Person and Participants	Dr. Gajendra Pachlore	5 min
2	First Session- Soil Reclamation, Bio composting, Potting and Repotting	Dr. Suchita Khodke	50 min
3	Second Session- Live Demonstration	Mr. Subhash Bhawe Prof. Sheetal Dagwar Prof. Swapnil Tikhade	40 min
27th June 2020			
4	First Session- Creative Garden Planning and Management	Prof. C. M. Deshmukh	50 min
5	Second Session- Live Demonstration	Mr. Mukund Raut Mrs. Bhagat Dr. Rekha Maggirwar Dr. Suchita Khodke Mr. Subhash Bhawe	60 min
28th June 2020			
6	Foundation Programme for Two Month Certificate Course affiliated to University and Agriculture Department	Dr. D. D. Khedkar Dr. Rekha Maggirwar	60 Min
6	Panel Discussion and Interaction Session	Prof. C. M. Deshmukh Dr. Suchita Khodke Dr. Rekha Maggirwar Dr. D. D. Khedkar	50 min
7	Vote of Thanks	Dr. Umesh Kanerkar	5 min

Link to Join Workshop on Zoom: Daily 11.00 AM to 2.00 PM
<https://tinyurl.com/AGTM-ZOOM>
Meeting ID: 879 7928 6374 **Passcode: Garden**

All the registered participants can download certificates on 29th June 2021 after 12.00 Noon
Log on to following website for Certificates : www.agca.webs.com

Programme Schedule

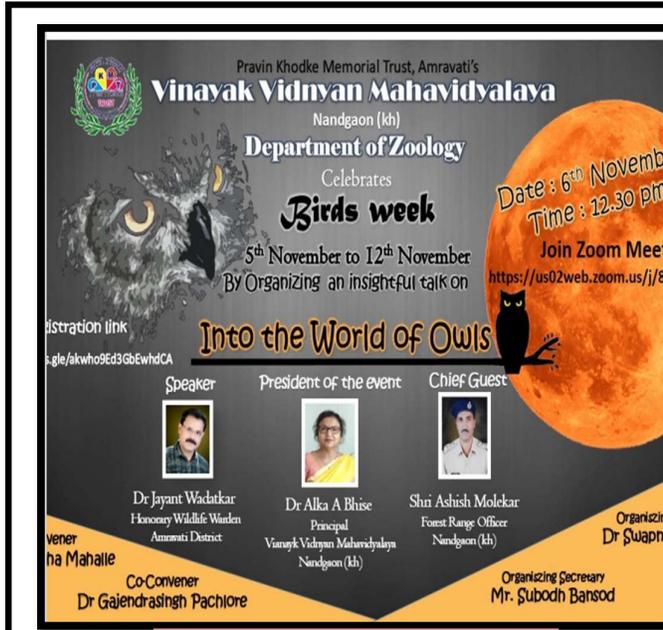
Department of Botany in collaboration with **Garden Club, Amravati** had organized three days workshop on the topic **“Gardening Technique and Management”** from **26th June 2021 to 28th June 2021** via online platform Zoom. The basic idea behind the workshop was to provide advance skills to plant growers for developing their gardens. The sessions of the workshop had detail discussion on various techniques to developed a good garden at home.



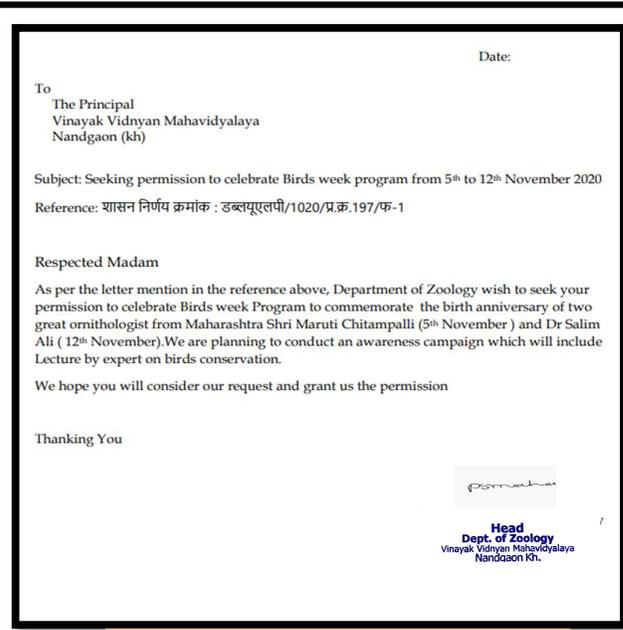
Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency: Wild Life and Environment Conservation Society, Amravati.

3) Name of the Activity: Celebrated “Birds Week”.



Programme Flyer



Principal Permission

Department of Zoology in collaboration with Wild Life and Environment Conservation Society, Amravati had celebrated “Birds Week” from 5th November 2020 to 12th November 2020 via online platform Zoom. The idea behind this celebration was to convey and spread the message of bird's conservation. They took efforts created an opportunity for the students to get aware towards the most covert of all the birds, the owls.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency/Institute: Rajarshee Shahu Science College, Chandur Railway.

4) Name of the Activity: One Day Workshop on “Intellectual Property Rights”

Atul Vidya Mandir, Wardha's
Rajarshee Shahu Science College, Chandur
 (Accredited with B+ by NAAC)
 And
 Pravin Khodke Memorial Trust, Amravati's
Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.
 In collaboration with IQAC Jointly Organize
**Online Workshop on
 Intellectual Property Right**
 Link : <https://meet.google.com/trw-hadf-twi?hs=122&authuser=0>
Resource Person
 Topic : Patenting Transformational Research Finding
Resource Person
 Topic : IPR and Plagiarism
 Date : 26 April 2021
 At 11:00 am.
Dr. Amol Amrute
 (Institute of Chemical engineering Science A* STAR, Singapore)
Dr. S.S.Thakare
 Chairman and Principal RSSC Chandur Rly.
Dr. Minal Keche
 IQAC Coordinator and Convener
Mr. S.A. Wani
 Co-Convener
Dr. Sandeep A. Waghuley
 (Department of Physics, SGBAU Amravati)
Dr. Alka Bhise
 Chairman and Principal VVM Nandgaon Kh.
Dr. Suchita Khodke
 IQAC Coordinator
Dr. A.S. Wadatar
 Convener

Programme Flyer

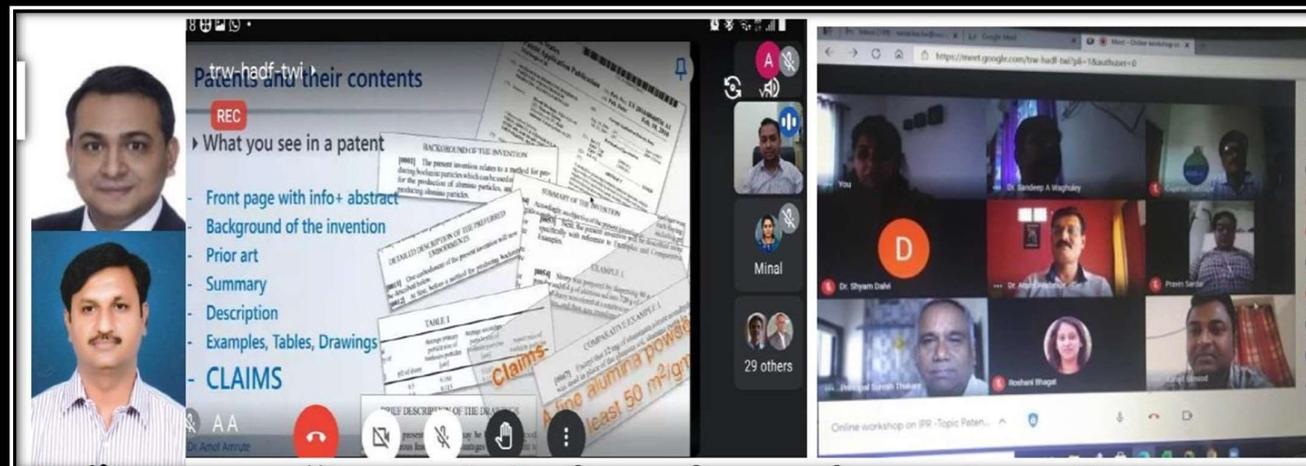
Online workshop on IPR
 Organised by
 Rajarshee Shahu Science College Chandur Rly
 And
 Vinayaka Vidnyan Mahavidyalaya Nandgaon Khandeswar
 In Collaboration with IQAC
 Date 26 th April 11.00 am

Sr. no	Time	Programm
1	11.00 am	Joining - Host Dr.G.B Santape Assistant Professor Department of Zoology RSSC
2	11.10 am	Inauguration and welcome
3	11.15 am	Introduction of guest By - Dr.Minal J.Keche Assistant Professor and Head department of Botany Rajarshee Shahu science College Chandur Rly
4	11.20 am	First session By - Dr. Amole Amrute Institute of Chemical engineering Science A*Start Singapore
5	12.20 pm	Vote of thanks By- Mr.P.R. Sardar Assistant professor Department of Botany RSSC
6	12.25 pm	Introduction of Guest By - Dr. Anant Wadatar Assistant Professor and Head department of Physics Vinayk Vidnyan Mahavidyalaya Nandgaon Khandeswar
7	12.30 pm	Second session By- Dr.sandeep A. Waghuley Department Of Physics SGBAU Amravati
8	1.30 pm	Presidential Speech By Dr.S.S.Thakare Principal Rajarshee shahu Science College Chandur Rly
9	1.35 pm	Vote of thanks By Dr Nilesh Padole Assistant Professor Department of Chemistry VVM

IQAC Co-ordinator
 Rajarshee Shahu Science College
 I.Q.A.C. Co-ordinator
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh.
 PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Kh.

Programme Schedule

IQAC of both the institutes had organized one day online workshop on **“Intellectual Property Rights.”** on **26th April 2021** via google meet platform for all faculty members of both the colleges. The resource person for the workshop was **Dr. Amol Amrute** and **Dr. Sandip Waghule**. The motive behind organization of this workshop were, faculty members must understand the process, documentation required for filling the patent. They must understand the concept of Intellectual property rights.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency/Institute: Rajarshee Shahu Science College, Chandur Railway.

5) Name of the Activity: Two Days Workshop on “Office Administration and LMS”

The flyer is titled "Two Days Webinar On Office Administration & Laboratory Management System" and is dated 28th - 29th May 2021. It lists the organizers: Atul Vidya Mandir, Wardha's; Rajarshee Shahu Science College, Chandur Railway; Pravin Khodke Memorial Trust Amravati's; Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar; and Shri Jagadamba Vinkar Shikshan Sanstha's, Jagadamba Mahavidyalaya, Achalpur City. The program is divided into two days: Day 1 (Office Administration, 11:45 a.m.) featuring resource persons Shri Rajendra Sonarghare and Shri Ajay Zodape; and Day 2 (Laboratory Management, 11:45 a.m.) featuring resource persons Dr. W.S. Marathe, Dr. Pankaj Nagpure, and Dr. Vishal Deshmukh. Registration and Google Meet links are provided for both days. Organizers listed include Dr. S.S. Thakre, Dr. Minal Keche, Dr. Alka Bhise, Dr. Suchita Khodke, Dr. P.G. Rohankar, and Shri T.K. Wabane.

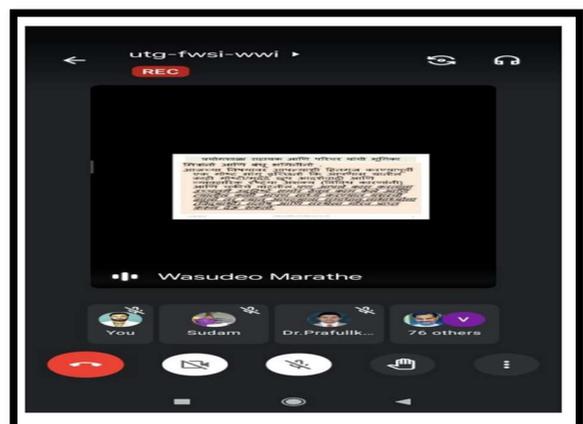
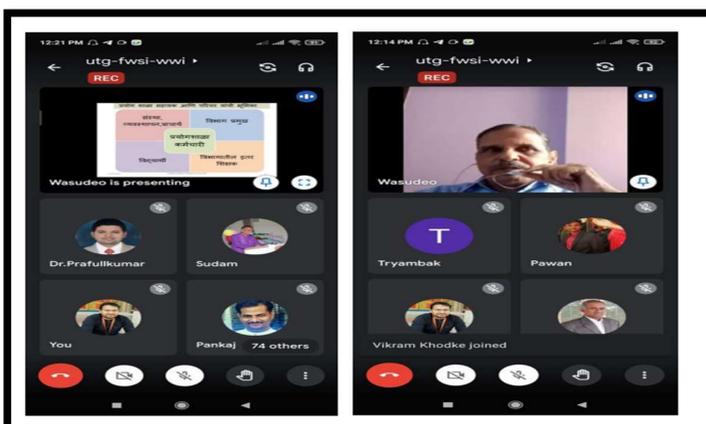
Programme Flyer

The notice is dated 24/05/2021 and informs staff that the IQAC is organizing a workshop in collaboration with Rajarshee Shahu Science College, Chandur Rly., and Jagdamba Mahavidyalaya, Achalpur on 28th and 29th May 2021. The notice is signed by Dr. Suchita Khodke, I.Q.A.C. Co-ordinator, and Dr. Alka Bhise, Principal.

Staff Notice

Two days workshop on Office Administration and Laboratory Management System was organized by the IQAC, Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. in collaboration with Rajarshee Shahu Science College, Chandur Rly. and Jagdamba Mahavidyalaya, Achalpur on 28th and 29th May 2021. The resource persons for the first day of workshop were, Shri Rajendra Sonarghare and Shri Ajay Zodape where day was dedicated to “Office Management System”.

The resource persons for second day of workshop were, Dr. W.S. Marathe, Dr. Pankaj Nagpure, and Dr. Vishal Deshmukh. The day was dedicated to “Laboratory Management”. They have given information about how to maintain the instruments and equipment in the laboratory, how to handle hazardous chemicals, how to label the instruments, how to maintain stock register, guidelines for students, code of conduct in the laboratory etc.



Collaborating Agency/Institute: K.P.T. Arts, Science and M.S.P. Commerce College, Manora.

6) Name of the Activity: One Day guest lecture on the topic “Metal Carbonyl”

Programme Flyer

Sr. No	Event	Time	Guest/Speaker
1	Welcome of Guest	01.30 PM-01.45 PM	1. Dr. Alka A. Bhise (Principal) 2. Dr. Swapnil Bhagat (Guest Speaker)
2	Introduction of Guest	01.45 PM-02.00 PM	By Mr. Nilesh Padole (Head of Department)
3	Presidential Speech	02.00 PM-02.15 PM	Dr. Alka A. Bhise Principal
4	Guest Lecture	02.30 PM-03.30 PM	Dr. Swapnil Bhagat (Guest Speaker)
5	Vote of Thank	03.30 PM-03.45 PM	Dr. Vinod M. Sherekar (Assistant Professor)

Programme Schedule

Department of Chemistry had organized one day online guest lecture of Dr. Swapnil Bhagat, on the topic “Metal Carbonyl” on 31st July 2021 for the students of B.Sc. Part III students. This lecture was organized via online platform Zoom. The topic selected for the lecture was a part of university syllabus. Dr. Anant Wadatkar, Head, Department of Physics was present as chief guest for the guest lecture.

Classification of Organometallic Compounds

There are of three types on the basis of nature of Metal-Carbon bonds

- 1) Sigma Bonded Compounds**
Sigma bond is formed between the metal and carbon atom. Ex: Grignard reagent.
- 2) Pi-Bonded Compounds**
When in the compound there is bonding between metal and delocalised electronic cloud of organic molecule such compounds are termed as pi-bonded compounds. Ex: Ferrocene

- 3) Multiple bonded Molecule**
When in the compounds there is formation of pi as well as sigma bonds between the metal and carbon atoms such compounds are termed as multiple bonded molecules.

Ex: Dimeric Cobalt Carbonyl: In which Sigma bond is formed by donation of electron pair from carbon monoxide and pi-bond is formed by donation of electron by metal to carbon monoxide

Collaborating Agency: Shri Shivaji Horticulture College of Amravati.

7) Name of the Activity: “Agricultural workshop on Tomato cultivation and Management”.



As part of MOU, Shri Shivaji Horticultural college Amravati and Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. had organized one day workshop on “Tomato cultivation and Management” at Mahuli Chor on **8th March 2021**. The main aim of this workshop was to give scientific information of Soyabean and Tur crop. Dr. Kalpana Kurhade, Assistant Professor of Shri Shivaji Horticulture college present as a resource person.

Dr Suchita Khodke, HOD and IQAC coordinator had taken initiative and welcome all the farmers for the workshop. In the session, Dr. Kalpana Kurhade had given vital information related to tomato cultivation and production in India as well as in Maharashtra. India is lagging in tomato production. This is because our country still lacks modernization regarding the tomato crop.

Due to our insufficient knowledge of good varieties of tomatoes, lack of awareness about diseases and pests, changing climate, we are losing tomato production. But some farmers in Maharashtra have used modern farming methods to produce up to 40 tonnes of tomatoes per acre. So, it is proved that we too can get tomato income like America with proper planning.

➤ III) Activities under MoU's in the year 2021-22

Collaborating Agency: Wild Life and Environment Conservation Society, Amravati.

1) Name of the Activity: **“My Bappa Campaign”**

Programme Flyer

To
The Principal
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh)

Subject: Seeking permission to organise **“My BAPPA”** a green initiative to create awareness against use of Plaster of Paris (POP) idol of Lord Ganesh

Respected Madam,
Department of Zoology and Green Army Club wishes to seek your permission for the conduction of **“My BAPPA”** a green initiative to create awareness against POP idol of Lord Ganesh. The initiative is going to be conducted in association with Wildlife Environment conservation Society (WECS), Amravati under the MoU Signed between Dept. of Zoology and WECS, Amravati

We request you to grant us the permission to conduct the above said activity from **8th to 10th September 2021**

Respects
Dr. Pratibha Mahalle
Dept. of Zoology
Vinayak Vidnyan Mahavidya
Nandgaon Kh.

Principal Permission

Department of zoology in collaboration with WECS had celebrated **“My Bappa”** from **8th September to 10th September 2021**. The main motive behind this campaign was to aware the society as well as the students about the use of Clay Idol instead of Plaster of Paris. This activity will help the society to eliminate the pollution cause due to Plaster of Paris. Under this campaign, department of zoology also sold-out clay idols of Ganesh Bappa.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency: Wild Life and Environment Conservation Society, Amravati.

2) Name of the Activity: Celebrated “World Sparrow Day”

Pravin Khodke Memorial Trust, Amravati's
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh)

Department of Zoology
In Association with
Wildlife & Environment Conservation Society
Amravati
Celebrates

World Sparrow Day 20th March..

An Insightful talk on birds and birding
Backyard Birds
Guest Speaker: Mr. Kiran More (Birding expert)

Monday
21st March
2022
@12.00 pm

Convener
Dr. Gajendrasingh Pachlore
Assistant Professor
Dept. of Zoology

Principal
Dr. Alka Bhise
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh)

Organizing Secretary
Dr. Pratibha Mahalle
Assistant Professor & Head
Dept. of Zoology

Organizing Members
Ms. Rajani Chavhan
President
Zoological Society 2021-22

Mr. Subodh Bansod
Assistant Professor
Dept. of Zoology

Dr. Swapnil Tinkhede
Assistant Professor
Dept. of Zoology

Programme Flyer

Permission letter

To
The Principal
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh)

Subject: Seeking permission to conduct “World Sparrow Day” on 21st March 2022

Respected Madam,

Department of Zoology wishes to seek your permission for the conduction of “World Sparrow Day” on 21st March 2022. The department of Zoology wish to conduct a talk on the eve of “world Sparrow Day” which is celebrated on 20th March of every year. This year the day is falling on Sunday , Hence we seek your permission to celebrate it on 21st March 2022. We request you to grant us the permission to conduct the above said activity on 21st March 2022.

Regards.

psmahalle

Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Principal Permission

Department of Zoology in collaboration with Garden Club, Amravati had celebrated “World Sparrow Day” on 21st March 2022 by organizing seminar for the students on the topic “Backyard Birds”. The speaker for the seminar was Shri. Kiran more. The main intent behind the organization of this seminar was to create the curiosity of the students towards the birds. Shri. More had explained very thoroughly about the biodiversity of birds where students shown good interaction with the speaker



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency: Rajarshee Shahu Science College, Chandur Railway.

3) Name of the Activity: Workshop on “Use of Virtual Laboratory in teaching and learning”.

Department of Physics, Rajarshee Shahu Science College, Chandur Rly
In Collaboration with IQAC, BSSC, Chandur Rly &
Department of Physics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar
Jointly Organised

State Level Online Workshop for Faculty Members on "Use of Virtual Laboratory in Teaching & Learning"

President		Chief Guest		SCHEDULE OF WORKSHOP	
		12.30 pm	Welcome Address	Dr. M. J. Keehe, Head & IQAC Co-ordinator, Department of Botany, BSSC Chandur Rly	
		12.33 pm	Introductory Speech	Mr. S.A. Wani, NAAC Co-ordinator, Asst. Prof., Dept. of Physics, BSSC, Chandur Rly	
		12.38 pm	Introduction of Resource Person Dr. Pankaj Nagpure	Dr. Anant Wadkatkar, Convener, Head & Asst. Prof., Dept. of Physics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khand.	
		12.42 pm	Guest Talk	Dr. Pankaj Nagpure, Asst. Prof., Dept. of Physics, Shri Shriji Science College, Am.	
		1.10 pm	Question-Answer Session		
		1.15 pm	Introduction of Resource Person Dr. Shrikant Patil	Dr. Boshani Bhagat, Convener & Asst. Prof., Department of Physics, BSSC, Chandur Rly	
		1.20 pm	Guest Talk	Dr. Shrikant Patil, Assistant Professor, Dept. of Botany, Adarsh Science College, Dhunangaoon Rly	
		1.30 pm	Question-Answer Session		
		2.00 pm	Valuable Guidance by Chief Guest	Dr. Anant S. Thakare, Principal, Rajarshee Shahu Science College, Chandur Rly	
		2.15 pm	Presidential Speech	Dr. Suresh S. Thakare, Principal, Rajarshee Shahu Science College, Chandur Rly	
		2.25 pm to 2.30 pm	Vote of Thanks	Dr. Boshani Bhagat, Convener & Asst. Prof., Department of Physics, BSSC, Chandur Rly	

On dated 15 Sept. 21

Programme Flyer

To
The Principal
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Dist.: Amravati

Subject: Permission to organize the State Level Online Workshop for Faculty Members on "Use of Virtual Laboratory in Teaching & Learning."

Respected Madam,

As per the above-cited subject, Department of Physics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati is planning to organize the State Level Online Workshop for Faculty Members on "Use of Virtual Laboratory in Teaching & Learning" on 15th September 2021, in collaboration with Department of Physics and IQAC, Rajarshee Shahu Science College Chandur Railway, Dist.: Amravati.

Please permit us to organize the above-mentioned event. Information flyer of the Workshop is attached with this letter.

Thanking you.

Date: 7 Sept. 2021

Place: Nandgaon Khandeshwar

Yours Sincerely

Dr. Anant S. Wadkatkar
Head
Department of Physics

PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khaw. Dist. Amravati

Principal Permission

By considering the Pandemic situation facing by the world and educational field, IQAC of both the institutes had organized one day online workshop on **“Use of Virtual Laboratory in teaching and learning,”** on **15th September 2021** via google meet platform for all faculty members of both the colleges. The resource person for the workshop were **Dr. Pankaj Nagpure** and **Dr. Shrikant Patil**. In this workshop, speakers had provided the information of virtual laboratory for the subjects like **Physics, Chemistry, Botany and Zoology**. They also provided the information about their subscription. This will help to use virtual source to run our academic and helpful to the students.

Registration Link-
<https://forms.gle/jAGWqAppV6Z8ZveB9>

Dr. A. F. Pachkawade
Head & Asst. Prof., Department of Physics,
Rajarshee Shahu Science College,
Chandur Rly, Am.

Organizing Committee

Mr. S.A. Wani
NAAC Co-ordinator, Asst. Prof. Dept. of Physics, BSSC, Chandur Rly

Dr. Boshani Bhagat
Convener & Asst. Prof., Department of Physics,
Rajarshee Shahu Science College,
Chandur Rly, Am.

Dr. M. J. Keehe
Head & IQAC Co-ordinator, Department of Botany, BSSC Chandur Rly

Dr. Anant S. Thakare
Principal, Rajarshee Shahu Science College,
Chandur Rly, Am.

Dr. Pankaj Nagpure
Assistant Professor, Dept. of Physics,
Shri Shriji Science College, Am.

Event Link-
meet.google.com/kzv-nkmp-xmd

Dr. Shrikant Patil
Assistant Professor, Dept. of Botany,
Adarsh Science College, Dhunangaoon Rly

Collaborating Agency: [Central Instrumental Cell, Shri Shivaji Science College, Amravati.](#)

4) Name of the Activity: One educational visit to CIC, Amravati.



Date: 26th April 2022

To

The Principal,

Shri Shivaji Science College, Amravati.

Subject- Permission to Visit Central Instrumentation Cell.

Respected Sir,

With reference to the above-mentioned subject the department of Chemistry of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar Dist. Amravati has organized a visit to "Central Instrumentation Cell" of your institute under the MoU signed between the two institutes. The students of B.Sc. Part III and the teachers will visit your college on 6th April 2022. There are about 30 students who are going to visit the institutes.

Kindly grants us the permission for the same. The list of students and teachers attached along with this application.

- 1) Mr. Nilesh S. Padole - (Mobile Number: 9096312784)
- 2) Dr. Kavita P. Kakade - (Mobile Number: 7559262365)
- 3) Dr. Vinod M. Sherekar - (Mobile Number: 9623327576)

Thanking You!

Yours Faithfully

Dr. Alka A. Bhise
Principal
Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar.

Principal Permission

Department of Chemistry had organized one day educational visit for the students of B.Sc. Part III to "**Central Instrumental Cell**" Shri Shivaji Science College, Amravati on **6th April 2022**. Total **Twenty-Nine (29)** students had participated in the educational visit. During the visit students got the information of working and processing of the different instruments like **UV- Spectrometer, X-ray, Infra-red Spectrophotometer, HPLC and Atomic Absorption Spectrometer** and their role while determining the structure of unknown organic compound.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency/Institute: IQAC Cluster, Pune.

5) Name of the Activity: Two Day's National Level Workshop on "Teaching Methodology"

Two Days National level Webinar On "Teaching Methodology"
Organized By
Rajarshee Shahu Science College, Chandur Rly
Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar
Jagdamba Mahavidyalaya, Achalpur
In collaboration with
IQAC Cluster of India
Schedule of
Inaugural Function
(29/10/2021)

Time	Program	
1.45 pm to 2.00pm	Joining of the Participants	Host Mr.S.A. Wani Assistant Professor of Physics Rajarshee Shahu Science College Chandur Rly
2.00 to 2.03 pm	Welcome Speech	Dr.S.S.Thakare Principal Rajarshee Shahu Science College Chandur Rly
2.03 to 2.05 pm	Introduction of Chief Guest	Dr.M.J.Keche Coordinator, IQAC Rajarshee Shahu Science College Chandur Rly
2.05 to 2.15 pm	Inaugural Speech	Dr.Bhalchandra.D Bhole Secretary, IQAC Cluster of India
2.15 to 2.18 pm	Presidential Speech	Dr.P.G.Rohankar Principal Jagdamba Mahavidyalaya, Achalpur
2.18 to 2.20 pm	Vote of Thanks	Dr.G.B. Santape Assistant Professor of zoology Rajarshee Shahu Science College Chandur Rly

Two Days National Level Workshop on Teaching Methodology
29th - 30th October, 2021

Day 1 - 29th Oct. 2021 | 2.00 - 5.00 pm

Speaker
Dr. Peeyush Pahade
Founder President, IQAC cluster

Speaker
Dr. S. Sankar (Retired Principal)
Advisor, A.N.B. College, Gudivada (AP) & Advisor, IQAC Cluster

Day 2 - 30th Oct. 2021 | 10.00 am - 12.30 pm

Speaker
Ms. Kalpana Chavan
Associate Member, IQAC cluster
Coordinator and Certificate Course Developer, E Content Developer

Chief Guest & Inaugurator
Dr. Bhalchandra D. Bhole
Secretary, IQAC Cluster

Organizers -

Principal -
Dr. S. S. Thakare
Rajarshee Shahu Science College, Chandur Rly.

Principal -
Dr. Alka Bhise
Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Principal -
Dr. P. G. Rohankar
Jagdamba Mahavidyalaya, Achalpur City

Dr. Minal Keche
IQAC Co-ordinator
Rajarshee Shahu Science College, Chandur Rly.

Dr. Suchita Khodke
IQAC Co-ordinator
Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

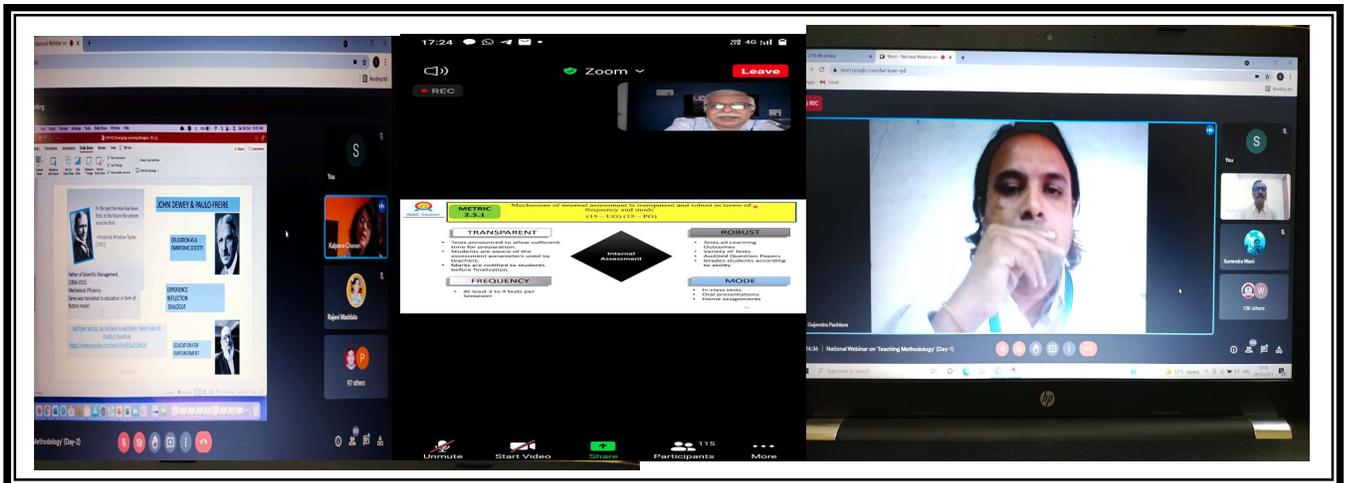
Shri. T. K. Wahane
IQAC Co-ordinator
Jagdamba Mahavidyalaya, Achalpur City

Registration link - <https://forms.gle/ATLSTGNH9YRZu9>
Day 1 Meeting link - <https://meet.google.com/gby-ehbp-dj>
Day 2 Meeting link - <https://meet.google.com/ljn-ayzj-swp>

Programme Flyer

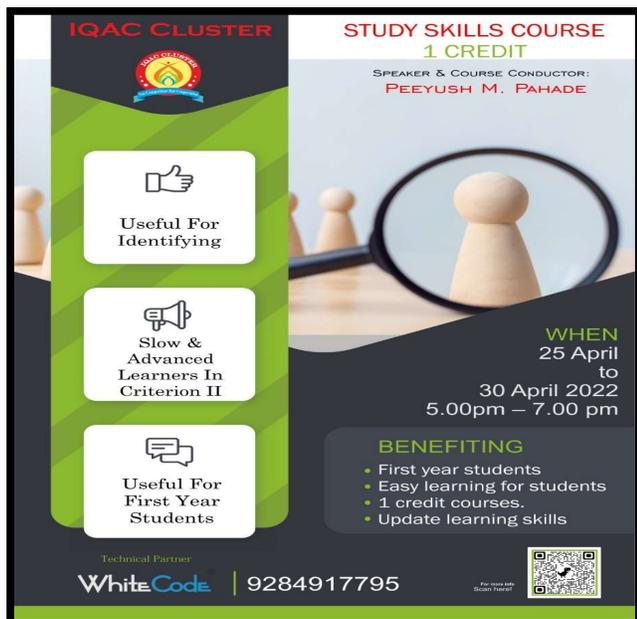
Programme Schedule

Two days online National level workshop on **"Teaching Methodology"** was organized on **29th and 30th October 2021** in collaboration with **IQAC Cluster of India, Pune and Vinayak Vidnyan Mahavidyalaya, Rajarshee Shahu Science college and Jagdamba Mahavidyalaya.** The speakers for the workshop were, **Dr. Peeyush Pahade, Dr. S. Sankar and Ms. Kalpana Chavan.** During the two days workshop, there was thorough discussion on Evolution of teaching methodologies, teaching pedagogies, Innovative and Blended teaching learning.



Collaborating Agency: IQAC Cluster, Pune.

6) Name of the Activity: One Week Online “Soft Skill Learning Course”



IQAC CLUSTER

STUDY SKILLS COURSE
1 CREDIT

SPEAKER & COURSE CONDUCTOR:
PEEYUSH M. PAHADE

Useful For Identifying

Slow & Advanced Learners In Criterion II

Useful For First Year Students

WHEN
25 April to 30 April 2022
5.00pm – 7.00 pm

BENEFITING

- First year students
- Easy learning for students
- 1 credit courses.
- Update learning skills

Technical Partner
WhiteCode | 9284917795

For more info Scan QR Code

To,
The Principal,
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar.

Subject: Permission to enroll students of B.Sc. and B.Com. Part I for “Study Skills Learning Course”.

Respected Madam,

With reference above mentioned subject, as a part of MoU with IQAC cluster Pune, IQAC of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar is going to organizes one week “Study Skills Learning Course” for the students of B.Sc. and B.Com. Part I of academic session 2021-22 from **25th April 2022 to 30th April 2022** in collaboration with IQAC Cluster of Pune. The course is online mode and will conduct via ZOOM platform from **5 PM to 7 PM** in the evening. **Dr. Dashrath Kale**, Assistant Professor, department of Commerce will be coordinator for the course.

I kindly request to you, to give permission to organize this workshop.

Date: 20th April 2022

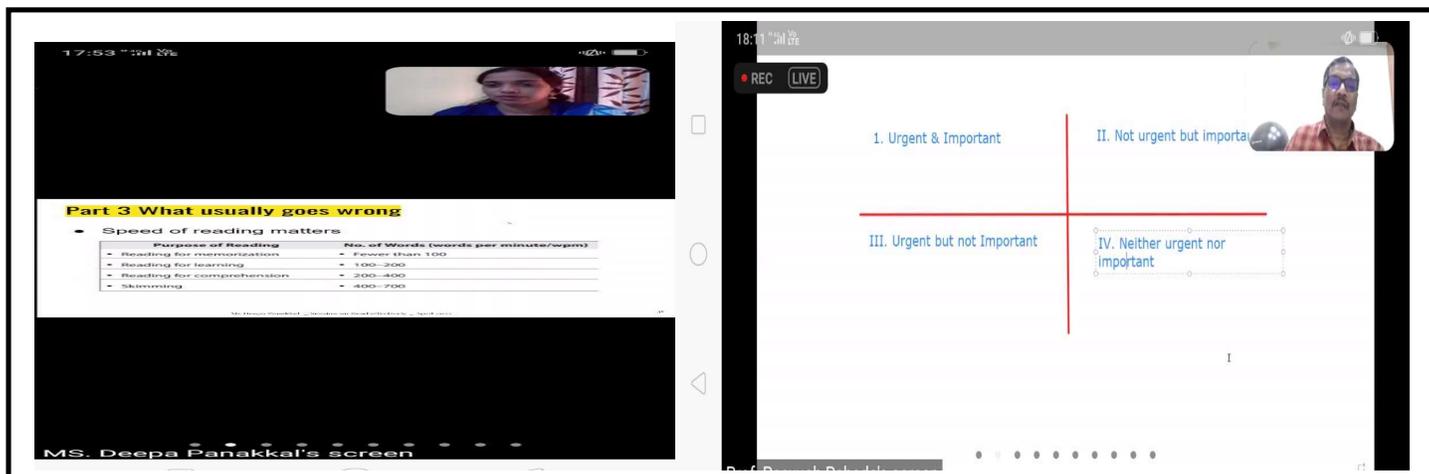
Dr. Suchita P. Khodke

IQAC Coordinator
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar.

Programme Flyer

Principal Permission

IQAC of Vinayak Vidnyan Mahavidyalaya in collaboration with IQAC Cluster, Pune had organized “Study Skill Learning Course” from **25th April 2022 to 1st May 2022** via online platform for the students of B.Sc. and B.Com. Part I. The key note speaker for this online course were **Dr. Piyush M. Pahade**, and **Miss. Deepa Panakkal**. The main motive behind the organization of the workshop was student must be able to read the content carefully, to learn the content, to express the knowledge in proper way and to prepare the students for the future challenges. **Dr. Dashrath Kale and Dr. Vinod Sherekar** had taken all the responsibilities for the successful conduction of the course.



17:53

Part 3 What usually goes wrong

Speed of reading matters

Purpose of Reading	No. of Words (words per minute/wpm)
Reading for memorization	Fewer than 100
Reading for learning	100-200
Reading for comprehension	200-400
Skimming	400-700

MS. Deepa Panakkal's screen

18:11

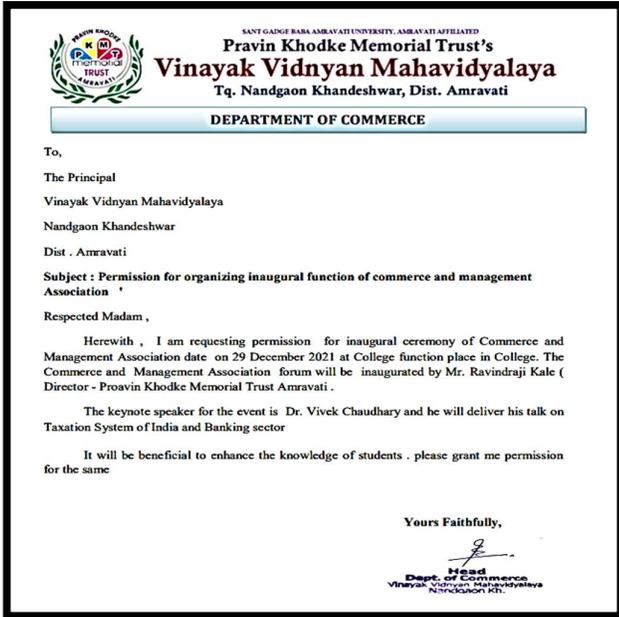
REC LIVE

I. Urgent & Important	II. Not urgent but important
III. Urgent but not important	IV. Neither urgent nor important

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborating Agency: Prof. Rajabhau Kala Mahavidyalaya, Nandgaon Khandeshwar.

7) Name of the Activity: “Guest Lecture on Indian Taxation”



संत गाडगेबाबा अमरावती विद्यापीठ, अमरावती संगठित
प्रविण खोडके मेमोरियल ट्रस्ट अमरावती द्वारा संचालित
विनायक विज्ञान महाविद्यालय
ता. नंदगाव खंडेश्वर, जि. अमरावती
वाणिज्य अभ्यास मंडळ
शैक्षणिक सत्र - २०२१-२२

अ.क्र.	सभासदांचे नाव	वर्ग	पद
१.	कु. दीपाली मेश्राम	बी. कॉम. भाग ३	अध्यक्ष
२.	वैभव धनधरे	बी. कॉम. भाग ३	उपाध्यक्ष
३.	सागर दांडगे	बी. कॉम. भाग २	उपाध्यक्ष
४.	प्रथमेश राऊत	बी. कॉम. भाग ३	सचिव
५.	कु. समीक्षा अजमिरे	बी. कॉम. भाग २	सहसचिव
६.	समिर पोपळघाटे	बी. कॉम. भाग १	कोषाध्यक्ष
७.	कु. अश्विनी केवट	बी. कॉम. भाग ३	सदस्य
८.	कु. राणी शाहा	बी. कॉम. भाग ३	सदस्य
९.	कु. स्मिता मुळे	बी. कॉम. भाग २	सदस्य
१०.	कु. विशाल लहाबर	बी. कॉम. भाग २	सदस्य
११.	वैभव मोहकार	बी. कॉम. भाग २	सदस्य
१२.	सुबोध बाघमारे	बी. कॉम. भाग २	सदस्य
१३.	कु. पल्लवी जयस्वाल	बी. कॉम. भाग १	सदस्य
१४.	कु. प्रिया डायकर	बी. कॉम. भाग १	सदस्य
१५.	राम दुधे	बी. कॉम. भाग १	सदस्य

The department of Commerce had organized inaugural function of **Commerce and Management Association** followed by guest lecture on **“Indian Taxation”** on **29th December 2021**. **Dr. Alka A. Bhise**, Principal was present as president where **Prof. Ravindraji Kale** was present as a chief guest. The resource person for the lecture was **Dr. Vivek Chaudhari**, Professor, Department of Economics, Prof. Rajabhau Kala Mahavidyalaya, Nandgaon Khandeshwar. Dr. Vivek Chaudhari delivered a nice lecture on the topic Indian Taxation and students also interacted and raised their difficulties after the session. This activity was planned under the MoU between two institutes.



Collaborative activities for Student and Faculty Exchange Programme for the year 2020-21

Under the MoU signed with Rajarshee Shahu Science College, Chandur Railway, both the institutes under the aegis of IQAC, had conducted Student and Faculty Exchange Programme (SAFE) for the students of B.Sc. Part I, II and III from 27th July 2021 to 28th July 2021 with the help of online platforms like Zoom and Google Meet.

SAFE programme had conducted for the subjects Botany, Zoology, Chemistry, Physics and Mathematics which covers the topics as per the academic curriculum. In this programme faculties from both institutes had interacted with the students and shared their knowledge.

The schedule for the online classes were as follows

Time Table for Online Classes for the Students of Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar.

Date	Day	Class	11.30-12.10PM	12.30-1.10 PM	1.30-2.10 PM	2.30-3.10 PM
27/7/2021	Tuesday	B.Sc. I	CHE(APT)	ZOO(GBS)	BOT(PRS)	PHY(SAW)
		B.Sc. II	BOT(MJK)	CHE(SSP)	PHY(RNB)	MATH(RVK)
		B.Sc.III	ZOO(MPC)	BOT(SSP)	MATH(MSP)	PHY(APP)
28/7/2021	Wednesday	B.Sc. I	PHY(RNB)	CHE(SSP)	ZOO(MPC)	BOT(MJK)
		B.Sc. II	PHY(SAW)	BOT(SSP)	CHE(APT)	MATH(MSP)
		B.Sc.III	MATH(RVK)	ZOO(GBS)	BOT(PRS)	CHE(ADB)

Time Table for Online Classes for the Students of Rajarshee Shahu Science College Chandur Rly.

Date	Day	Class	11.30-12.10 PM	12.30-1.10 PM	1.30-2.10 PM	2.30-3.10 PM
27/7/2021	Tuesday	B.Sc. I	CHE(KPK)	ZOO(GSP)	BOT(SPK)	PHY(ASW)
		B.Sc. II	BOT(SPK)	CHE(NSP)	PHY(AVA)	MATH(ASB)
		B.Sc.III	ZOO(SNB)	BOT(SVH)	MATH(ASB)	PHY(PBK)
28/7/2021	Wednesday	B.Sc. I	PHY(ASW)	CHE(VMS)	ZOO(PSM)	BOT(SPK)
		B.Sc. II	PHY(AVA)	BOT(SVH)	CHE(NSP)	MATH(PBD)
		B.Sc.III	MATH(PBD)	ZOO(SPT)	BOT(SVH)	CHE(KPK)


 Dr. Alka A. Bhise
 PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati

To,
 The Principal,
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khandeshwar.

Subject: Seeking permission to organize and conduct "SAFE Programme" under MoU.

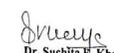
Respected Madam,

With reference to above mentioned subject, IQAC of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar willing to organize and conduct online classes under "Student and Faculty Exchange Programme" with Rajarshee Shahu Science college, Chandur Railway under the MoU signed in between two institutes. This programme will be conducted on virtual platforms (Google Meet and Zoom) from 26th July 2021 to 27th July 2021.

So, kindly request to you madam, please allow us to organize and conduct Online classes under "Student and Faculty Exchange Programme."

Thanking You!

Date: 24th July 2021
Place: Nandgaon Khandeshwar

Your Faithfully

 Dr. Suchita F. Khodke
 IQAC Coordinator
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati


 PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati

Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.

Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar, Dist-Amravati.
Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC (2020-21)
Department of Botany
 For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Dr. S.P. Khoshde	BSc Part I Sem II	1.30 to 2.10 PM	Types of roots in plants	Laptop and PPT	
27.07.2021	Tuesday	Dr. S.P. Khoshde	BSc Part II Sem IV	11.30 to 12.10 PM	Cell Division	Laptop and PPT	
27.07.2021	Tuesday	Mr. S.V. Hiravale	BSc Part II Sem VI	12.30 to 1.10 PM	Lac Operation Structure	Laptop and PPT	
28.07.2021	Wednesday	Dr. S.P. Khoshde	BSc Part I Sem II	2.30 to 3.10 PM	Modification of roots in plants	Laptop and PPT	Engaged by Mr. S.V. Hiravale
28.07.2021	Wednesday	Mr. S.V. Hiravale	BSc Part II Sem IV	12.30 to 1.10 PM	Morphology of chromosome	Laptop and PPT	
28.07.2021	Wednesday	Mr. S.V. Hiravale	BSc Part II Sem VI	01.30 to 2.10 PM	Lac Operation Regulation	Laptop and PPT	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Botany, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator.

Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar, Dist-Amravati.
Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC (2020-21)
Department of Botany
 For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Dr. S.P. Khoshde	BSc Part I Sem II	1.30 to 2.10 PM	Types of roots and modification	Laptop and PPT	
27.07.2021	Tuesday	Dr. S.P. Khoshde	BSc Part II Sem IV	11.30 to 12.10 PM	Full House Model of plasma membrane structure and function	Laptop and PPT	
27.07.2021	Tuesday	Dr. S.P. Khoshde	BSc Part II Sem VI	12.30 to 1.10 PM	Secondary structure of DNA	Laptop and PPT	
28.07.2021	Wednesday	Dr. S.P. Khoshde	BSc Part I Sem II	02.30 to 3.10 PM	Coordination of plants	Laptop and PPT	
28.07.2021	Wednesday	Dr. S.P. Khoshde	BSc Part II Sem IV	12.30 to 1.10 PM	Water potential	Laptop and PPT	
28.07.2021	Wednesday	Dr. S.P. Khoshde	BSc Part II Sem VI	01.30 to 2.10 PM	Plant Secondary Microscopical	Laptop and PPT	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Botany, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator, 2. IQAC Co-ordinator.

Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC
Department of Zoology, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar.
 For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Mr. Subodh Bansod	BSc Part II Sem VI	11.30 to 12.10 PM	Experiment to prove DNA as a genetic material	Laptop and PPT	
27.07.2021	Tuesday	Dr. Gajendra Singh - Padole	BSc Part II Sem VI	11.30 to 1.10 PM	Glial Chromosomes	Laptop and PPT	
28.07.2021	Wednesday	Dr. Parthiv Mahale	BSc Part I Sem II	01.30 to 2.10 PM	Regeneration	Laptop and PPT	Engaged by Dr. Padole
28.07.2021	Wednesday	Dr. Suresh Talsade	BSc Part II Sem VI	12.30 to 1.10 PM	Immunology	Laptop and PPT	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Zoology, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator, 2. IQAC Co-ordinator.

Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC
Department of Zoology, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar.
 For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Dr. Mahesh Chikole	BSc Part II Sem VI	11.30 to 12.10 PM	Immunology	Laptop and PPT	
27.07.2021	Tuesday	Dr. G.B. Santap	BSc Part I Sem II	12.30 to 1.10 PM	Plasma Membrane	Laptop and PPT	
28.07.2021	Wednesday	Dr. Mahesh Chikole	BSc Part I Sem II	1.30 to 2.10 PM	Polytene Chromosome	Laptop and PPT	
28.07.2021	Wednesday	Dr. G.B. Santap	BSc Part II Sem VI	12.30 to 1.10 PM	DNA Fingerprinting	Laptop and PPT	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Zoology, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator, 2. IQAC Co-ordinator.

Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC
Department of Chemistry, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar.
 For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Dr. Kanta P. Kadam	BSc Part I Sem II	11.30 to 12.10 PM	Non-aqueous solvent	Laptop and PPT	
27.07.2021	Tuesday	Mr. Nilesh S. Padole	BSc Part II Sem IV	12.30 to 1.10 PM	Carbohydrates	Laptop and PPT	
28.07.2021	Wednesday	Dr. Kanta P. Kadam	BSc Part I Sem II	12.30 to 1.10 PM	Hydratation	Laptop and PPT	Dr. Venkai was on leave engaged by Dr. Kadam
28.07.2021	Wednesday	Mr. Nilesh S. Padole	BSc Part II Sem IV	12.30 to 1.10 PM	Carbohydrates	Laptop and PPT	
28.07.2021	Wednesday	Dr. Kanta P. Kadam	BSc Part II Sem VI	02.30 to 3.10 PM	UV Spectroscopy	Laptop and PPT	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Chemistry, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator, 2. IQAC Co-ordinator.

Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC
Department of Chemistry, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar.
 For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Dr. Anant S. Wadkar	BSc Part I Sem II	11.30 to 12.10 PM	Particle Accelerator	Laptop and PPT	
27.07.2021	Tuesday	Mr. Ajay V. Ambhore	BSc Part II Sem IV	12.30 to 1.10 PM	Diffraction of Light	Laptop and PPT	
28.07.2021	Wednesday	Dr. Anant S. Wadkar	BSc Part I Sem II	11.30 to 12.10 PM	Cyclotron	PPT	
28.07.2021	Wednesday	Mr. Ajay V. Ambhore	BSc Part II Sem VI	01.30 to 2.10 PM	Statistical Mechanics	Laptop and PPT	
28.07.2021	Wednesday	Dr. Prashant Kharat	BSc Part III Sem VI	12.30 to 1.10 PM	Crystal Structure	Laptop and PPT	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Chemistry, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator, 2. IQAC Co-ordinator.

Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC
Department of Mathematics, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar.
 For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Ms. Mamata Patil	B.Sc.-III Sem.-VI	1.30pm - 2.10pm	Graph Theory	Used Blackboard & chalk	
27.07.2021	Tuesday	Dr. Rekha Kene	B.Sc.-II Sem.-IV	2.30pm - 3.10pm	Modern Algebra- Ring	Used Blackboard & chalk	
28.07.2021	Wednesday	Dr. Rekha Kene	B.Sc.-III Sem.-VI	11.30am - 12.10pm	Linear Algebra- Linear transformation	Used Blackboard & chalk	
28.07.2021	Wednesday	Ms. Mamata Patil	B.Sc.-II Sem.-IV	2.30pm - 3.10pm	Classical Mechanics- Rotation Matrix	Used Blackboard & chalk	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Mathematics, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator, 2. IQAC Co-ordinator.

Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC
Department of Chemistry, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar.
 For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Dr. A. P. Thakare	BSc Part I Sem II	11.30 to 12.10 PM	Epoxyde	Laptop and PPT	
27.07.2021	Tuesday	Dr. S.S. Padhen	BSc Part II Sem IV	12.30 to 1.10 PM	Diazonium Salt	Laptop and PPT	
28.07.2021	Wednesday	Dr. S.S. Padhen	BSc Part I Sem II	12.30 to 1.10 PM	Phenol, Ether and Epoxyde	Laptop and PPT	
28.07.2021	Wednesday	Dr. A. P. Thakare	BSc Part II Sem IV	01.30 to 2.10 PM	Inner Transition series	Laptop and PPT	
28.07.2021	Wednesday	Dr. A. D. Bansod	BSc Part III Sem VI	02.30 to 3.10 PM	Substitution reaction in complexes	Laptop and PPT	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Chemistry, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator, 2. IQAC Co-ordinator.

Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC
Department of Physics, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar.
 For: The students of VVM

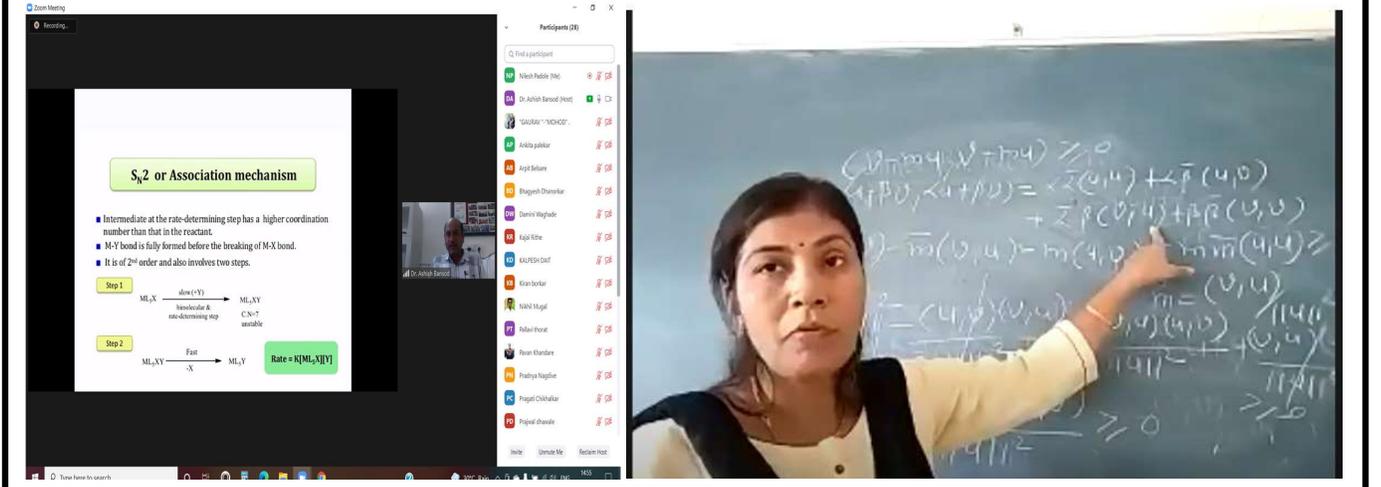
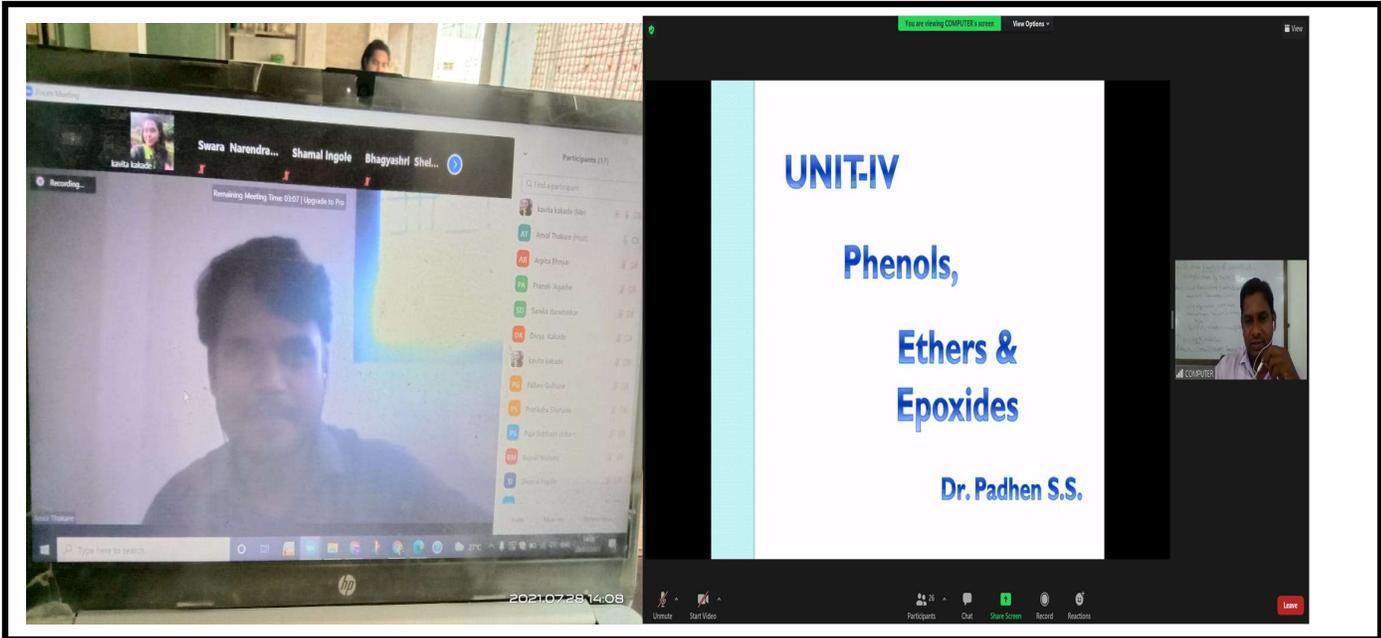
Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Dr. A. P. Pachkawade	BSc Part III Sem VI	11.30 to 12.10 PM	Superconductors	Laptop and PPT	
27.07.2021	Tuesday	Dr. R. N. Bhagat	BSc Part II Sem IV	12.30 to 1.10 PM	Optical Fibre	Mobile Camera	
28.07.2021	Wednesday	Dr. R. N. Bhagat	BSc Part II Sem IV	01.30 to 2.10 PM	Optical Fibre	Laptop and PPT	
28.07.2021	Wednesday	Dr. S. A. Wani	BSc Part III Sem VI	02.30 to 3.10 PM	The Laws of Thermodynamics	Laptop and PPT	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Physics, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator.

Report of Students and Faculty Exchange Program (SAFE)
 Between VVM and RSSC
Department of Mathematics, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar.
 For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
27.07.2021	Tuesday	Dr. Ashutosh Bansod	B.Sc. III Sem. VII	1.30 pm - 2.10 pm	Introduction to Linear Transformation	Laptop and Digital writing pad	
27.07.2021	Tuesday	Dr. Ashutosh Bansod	B.Sc. II Sem. IV	2.12 pm - 3.10 pm	Lagrange's Equation of Motion	Laptop and Digital writing pad	
28.07.2021	Wednesday	Dr. Prith B Deshmukh	B.Sc. III Sem. VI	11.30am - 12.10pm	Vector Space	Laptop and Digital writing pad	
28.07.2021	Wednesday	Dr. Prith B Deshmukh	BSc Part II Sem IV	2.30 pm - 3.10 pm	kernel of Homomorphism	Laptop and Digital writing pad	

Date: 29.07.2021
 Dr. Anant S. Wadkar, Head of Department, Dept. of Mathematics, Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Dr. Abhiji Bansod, Co-ordinator (Criteria III)
 Dr. Sachita Kholke, IQAC Co-ordinator
 Dr. Alka A. Bhisre, Principal
 I.Q.A.C. Co-ordinator
 Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.
 Copy to: 1. Criteria III Co-ordinator, 2. IQAC Co-ordinator.



Collaborative activities for Student and Faculty Exchange Programme for the year 2021-22

Under the MoU signed with Rajarshree Shahu Science College, Chandur Railway, both the institutes under the aegis of IQAC, had conducted Student and Faculty Exchange Programme (SAFE) for the students of B.Sc. Part I, II and III from 14th May 2022 to 17th May 2022 with the help of online platforms like Zoom and Google Meet.

SAFE programme had conducted for the subjects Botany, Zoology, Chemistry, Physics and Mathematics which covers the topics as per the academic curriculum. In this programme faculties from both institutes had interacted with the students and shared their knowledge

The schedule for the online classes were as follows

Time Table for Online Classes for the Students of Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar.

Date	Day	Class	9.30-10.10 AM	10.20-11AM.	11.10-11.50 AM	12.00-12.40 PM
14/05/2022	Saturday	B.Sc. I	CHE(APT)	ZOO(GBS)	BOT(PRS)	PHY(SAW)
		B.Sc. II	BOT(MJK)	CHE(SSP)	PHY(RNB)	MATH(RVK)
		B.Sc. III	ZOO(MPC)	BOT(SSP)	MATH(MSP)	PHY(APP)
17/05/2022	Tuesday	B.Sc. I	PHY(RNB)	CHE(SSP)	ZOO(MPC)	BOT(MJK)
		B.Sc. II	PHY(SAW)	BOT(SSP)	CHE(APT)	MATH(MSP)
		B.Sc. III	MATH(RVK)	ZOO(GBS)	BOT(PRS)	CHE(ADB)

Time Table for Online Classes for the Students of Rajarshree Shahu Science College Chandur Rly.

Date	Day	Class	9.30-10.10 AM	10.20-11AM.	11.10-11.50 AM	12.00-12.40 PM
14/05/2022	Saturday	B.Sc. I	CHE(KPK)	ZOO(GSP)	BOT(SPK)	PHY(ASW)
		B.Sc. II	BOT(SPK)	CHE(NSP)	PHY(AVA)	MATH(ASB)
		B.Sc. III	ZOO(SNB)	BOT(SVH)	MATH(ASB)	PHY(PBK)
17/05/2022	Tuesday	B.Sc. I	PHY(ASW)	CHE(VMS)	ZOO(PSM)	BOT(SPK)
		B.Sc. II	PHY(AVA)	BOT(SVH)	CHE(NSP)	MATH(PBD)
		B.Sc. III	MATH(PBD)	ZOO(SPT)	BOT(SVH)	CHE(KPK)


 Dr. Alka A. Bhise
 PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati

To,

The Principal,
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khandeshwar.

Subject: Seeking permission to organize and conduct "SAFE Programme" under MoU.

Respected Madam,

With reference to above mentioned subject, IQAC of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar willing to organize and conduct online classes under "Student and Faculty Exchange Programme" with Rajarshree Shahu Science college, Chandur Railway under the MoU signed in between two institutes. This programme will be conducted on virtual platforms (Google Meet and Zoom) from 14th May 2022 to 17th May 2022.

So, kindly request to you madam, please allow us to organize and conduct Online classes under "Student and Faculty Exchange Programme."

Thanking You!

Date: 12th May 2022
 Place: Nandgaon Khandeshwar

Your Faithfully

 Dr. Sachin P. Khodke
 IQAC Coordinator
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati


 PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati

Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.

Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC (2021-22)

Department of Botany For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Tuesday	Dr. S.P. Phadke	BSc Part I Sem II	11.30-11.50am	Type of Botany plants	Laptop and PPT	
14.05.2022	Tuesday	Dr. S.P. Phadke	BSc Part I Sem II	9.30-10.00am	Cell Division	Laptop and PPT	
14.05.2022	Tuesday	Mr. S.V. Phadke	BSc Part I Sem II	10.30-11.00am	Lac. Culture Structure	Laptop and PPT	
17.05.2022	Wednesday	Dr. S.P. Phadke	BSc Part I Sem II	10.30-11.00am	Modification of Botany plants	Laptop and PPT	
17.05.2022	Wednesday	Mr. S.V. Phadke	BSc Part I Sem II	10.30-11.00am	Morphology of Botany plants	Laptop and PPT	
17.05.2022	Wednesday	Mr. S.V. Phadke	BSc Part I Sem II	11.30-11.50am	Lac. Culture Organization	Laptop and PPT	

Date: 17.05.2022

Dr. Sachin Wadkar, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC (2021-22)

Department of Botany For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Tuesday	Dr. S.P. Phadke	BSc Part I Sem II	11.30-11.50am	Type of Botany plants	Laptop and PPT	
14.05.2022	Tuesday	Dr. S.P. Phadke	BSc Part I Sem II	9.30-10.00am	Cell Division	Laptop and PPT	
14.05.2022	Tuesday	Mr. S.V. Phadke	BSc Part I Sem II	10.30-11.00am	Lac. Culture Structure	Laptop and PPT	
17.05.2022	Wednesday	Dr. S.P. Phadke	BSc Part I Sem II	10.30-11.00am	Modification of Botany plants	Laptop and PPT	
17.05.2022	Wednesday	Mr. S.V. Phadke	BSc Part I Sem II	10.30-11.00am	Morphology of Botany plants	Laptop and PPT	
17.05.2022	Wednesday	Mr. S.V. Phadke	BSc Part I Sem II	11.30-11.50am	Lac. Culture Organization	Laptop and PPT	

Date: 17.05.2022

Dr. Sachin Wadkar, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC

Department of Zoology, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar. For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Saturday	Dr. A.S. Wadkar	BSc Part I Sem II	9.30-10.00am	Immunity	Laptop and PPT	
14.05.2022	Saturday	Dr. A.S. Wadkar	BSc Part I Sem II	10.30-11.00am	Plasma Membrane	Laptop and PPT	
17.05.2022	Tuesday	Dr. A.S. Wadkar	BSc Part I Sem II	11.30-11.50am	Polysome Chromosome	Laptop and PPT	
17.05.2022	Tuesday	Dr. A.S. Wadkar	BSc Part I Sem II	10.30-11.00am	DNA Finger Printing	Laptop and PPT	

Date: 17.05.2022

Dr. Sachin Wadkar, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC

Department of Zoology, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar. For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Saturday	Dr. A.S. Wadkar	BSc Part I Sem II	9.30-10.00am	Immunity	Laptop and PPT	
14.05.2022	Saturday	Dr. A.S. Wadkar	BSc Part I Sem II	10.30-11.00am	Plasma Membrane	Laptop and PPT	
17.05.2022	Tuesday	Dr. A.S. Wadkar	BSc Part I Sem II	11.30-11.50am	Polysome Chromosome	Laptop and PPT	
17.05.2022	Tuesday	Dr. A.S. Wadkar	BSc Part I Sem II	10.30-11.00am	DNA Finger Printing	Laptop and PPT	

Date: 17.05.2022

Dr. Sachin Wadkar, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC

Department of Chemistry, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar. For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Saturday	Dr. A.S. Wadkar	BSc Part I Sem II	9.30-10.00am	Chemical Equilibrium	Laptop and PPT	
14.05.2022	Saturday	Dr. A.S. Wadkar	BSc Part I Sem II	10.30-11.00am	Atomic Structure	Laptop and PPT	
17.05.2022	Tuesday	Dr. A.S. Wadkar	BSc Part I Sem II	11.30-11.50am	Redox Reaction	Laptop and PPT	
17.05.2022	Tuesday	Dr. A.S. Wadkar	BSc Part I Sem II	10.30-11.00am	Chemical Equilibrium	Laptop and PPT	

Date: 17.05.2022

Dr. Sachin Wadkar, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC

Department of Chemistry, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar. For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Saturday	Dr. A.S. Wadkar	BSc Part I Sem II	9.30-10.00am	Chemical Equilibrium	Laptop and PPT	
14.05.2022	Saturday	Dr. A.S. Wadkar	BSc Part I Sem II	10.30-11.00am	Atomic Structure	Laptop and PPT	
17.05.2022	Tuesday	Dr. A.S. Wadkar	BSc Part I Sem II	11.30-11.50am	Redox Reaction	Laptop and PPT	
17.05.2022	Tuesday	Dr. A.S. Wadkar	BSc Part I Sem II	10.30-11.00am	Chemical Equilibrium	Laptop and PPT	

Date: 17.05.2022

Dr. Sachin Wadkar, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC

Department of Physics, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar. For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Saturday	Dr. A. S. Wadkar	BSc Part I Sem II	12.00 to 12.40PM	Particle Accelerator	Laptop and PPT	
14.05.2022	Saturday	Mr. A. V. Ambhore	BSc Part I Sem IV	11.10 to 11.50 AM	Diffraction of Light	Mobile Camera	
14.05.2022	Saturday	Dr. T. B. Khant	BSc Part I Sem IV	12.50 to 12.40PM	Crystal Structure	Laptop and PPT	
17.05.2022	Tuesday	Dr. A. S. Wadkar	BSc Part I Sem II	9.30 to 10.10 AM	Cyclotron	Mobile Camera	
17.05.2022	Tuesday	Mr. A. V. Ambhore	BSc Part I Sem IV	9.30 to 10.10 AM	Diffraction of Light	Laptop and PPT	

Date: 18.05.2022

Dr. Anant S. Wadkar, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC

Department of Physics, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar. For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Saturday	Dr. A. S. Wadkar	BSc Part I Sem II	12.00 to 12.40PM	Particle Accelerator	Laptop and PPT	
14.05.2022	Saturday	Mr. A. V. Ambhore	BSc Part I Sem IV	11.10 to 11.50 AM	Diffraction of Light	Mobile Camera	
14.05.2022	Saturday	Dr. T. B. Khant	BSc Part I Sem IV	12.50 to 12.40PM	Crystal Structure	Laptop and PPT	
17.05.2022	Tuesday	Dr. A. S. Wadkar	BSc Part I Sem II	9.30 to 10.10 AM	Cyclotron	Mobile Camera	
17.05.2022	Tuesday	Mr. A. V. Ambhore	BSc Part I Sem IV	9.30 to 10.10 AM	Diffraction of Light	Laptop and PPT	

Date: 18.05.2022

Dr. Anant S. Wadkar, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC

Department of Mathematics, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar. For: The students of RSSC

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Saturday	Dr. Prithi B. Deshmukh	B.Sc.-III (Sem.-VI)	11.30 am - 11.50 am	Introduction to Linear Transformation	Laptop and Digital writing pad	
14.05.2022	Saturday	Dr. Prithi B. Deshmukh	B.Sc.-III (Sem.-VI)	12.00 pm - 12.40 pm	Lagrange's Equation of Motion	Laptop and Digital writing pad	
17.05.2022	Tuesday	Dr. Prithi B. Deshmukh	B.Sc.-III (Sem.-VI)	11.30 am - 11.50 am	Vector Space	Laptop and Digital writing pad	
17.05.2022	Tuesday	Dr. Prithi B. Deshmukh	BSc Part II Sem IV	12.00 pm - 12.40 pm	Kernel of Homomorphism	Laptop and Digital writing pad	

Date: 17.05.2022

Dr. Prithi B. Deshmukh, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Report of Students and Faculty Exchange Program (SAFE) Between VVM and RSSC

Department of Mathematics, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar. For: The students of VVM

Date	Day	Name of Teacher	Class	Time	Topic Covered	ICT Used	Remark
14.05.2022	Saturday	Dr. Prithi B. Deshmukh	B.Sc.-III (Sem.-VI)	11.30 am - 11.50 am	Graph Theory	Laptop and PPT	
14.05.2022	Saturday	Dr. Prithi B. Deshmukh	B.Sc.-III (Sem.-VI)	12.00 pm - 12.40 pm	Modern Algebra - Ring	Laptop and PPT	
17.05.2022	Tuesday	Dr. Prithi B. Deshmukh	B.Sc.-III (Sem.-VI)	11.30 am - 11.50 am	Linear Algebra - Linear Transformation	Laptop and PPT	
17.05.2022	Tuesday	Dr. Prithi B. Deshmukh	B.Sc.-III (Sem.-VI)	12.00 pm - 12.40 pm	Classical Mechanics - Rotation Matrix	Laptop and PPT	

Date: 17.05.2022

Dr. Prithi B. Deshmukh, Head of Department

Dr. Abhiji Bansod, Co-ordinator (Criteria III)

Dr. Sushila Khodke, IQAC Co-ordinator

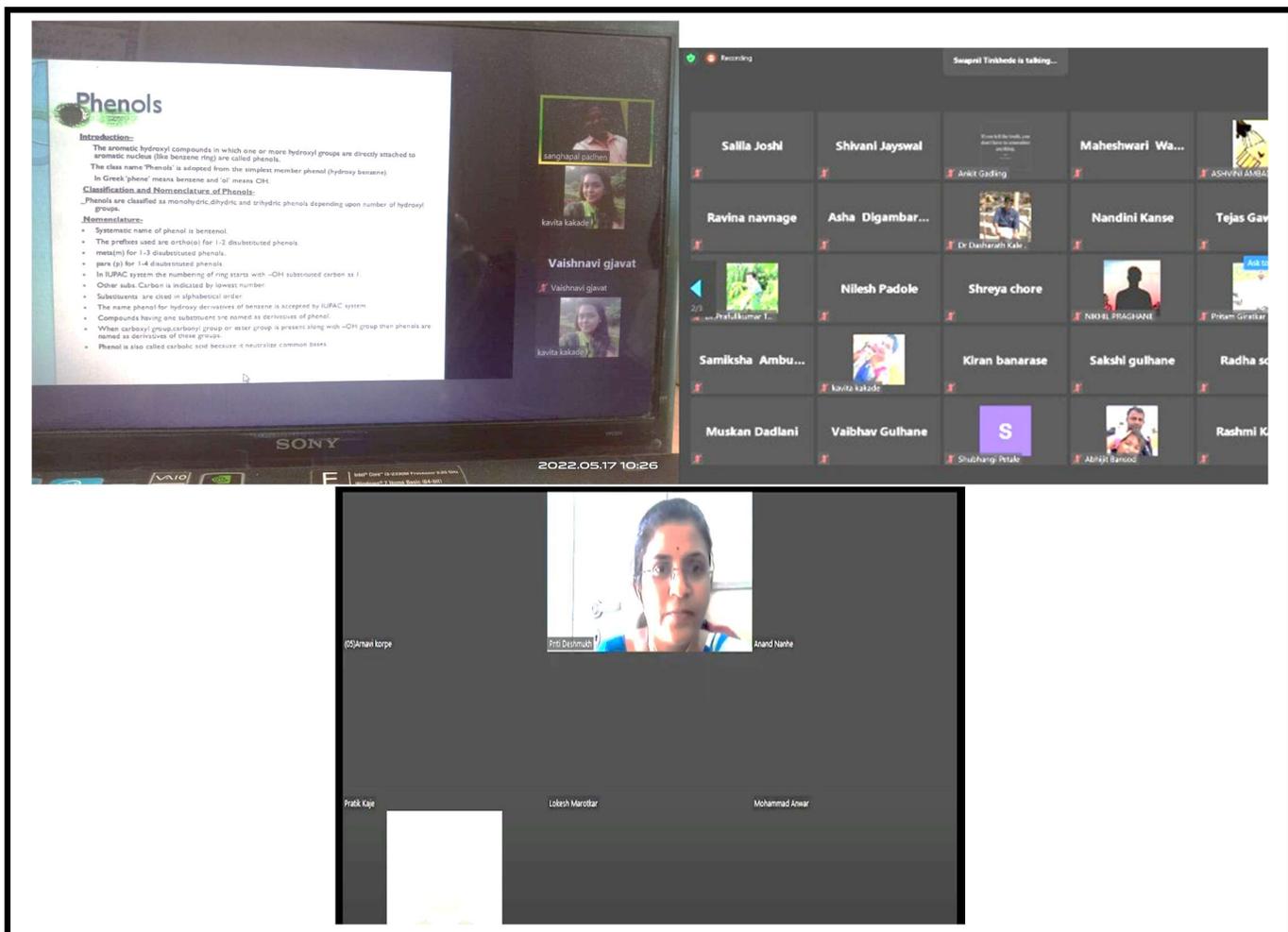
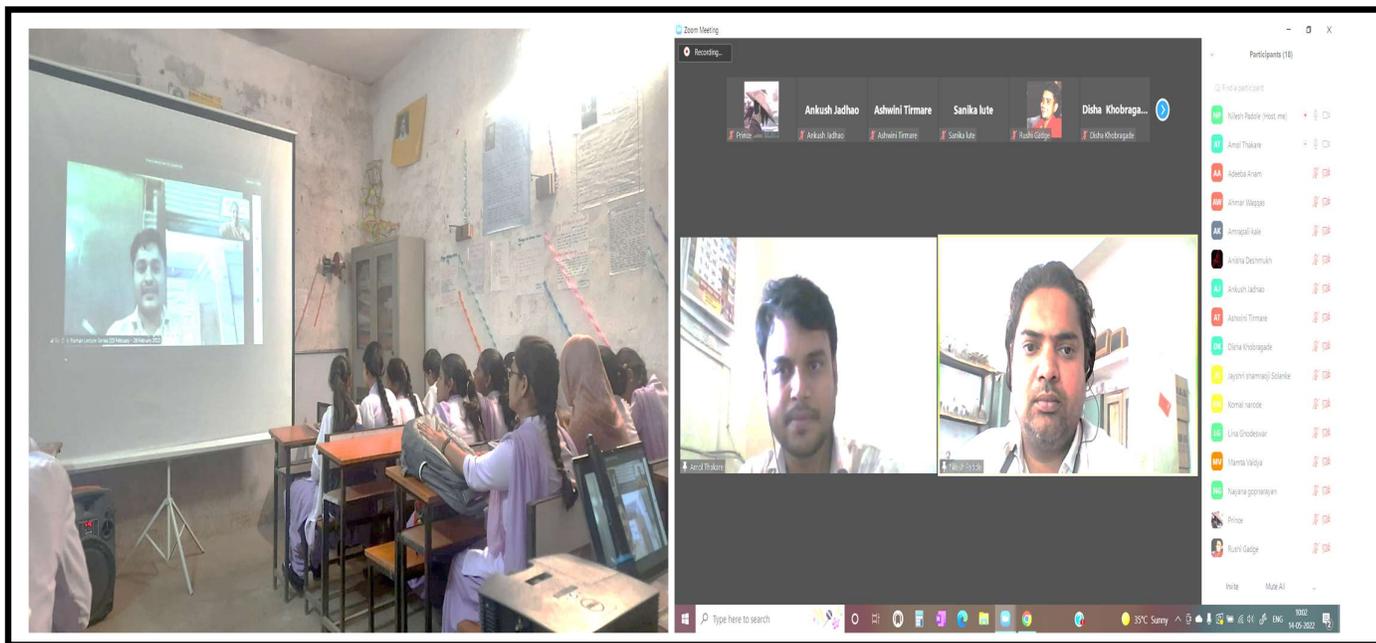
Dr. Alka A. Bhishe, Principal

I.Q.A.C. Co-ordinator

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Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.





3. Collaborative Activities for the Research



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4. Collaborative research work with **Dr. K. M. Jadhav**, Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
5. Collaborative research work with **Dr. S. G. Onkar**, Department of Physics, Adarsha Science, Jairamdas Bhagchand Arts and Birla Commerce Mahavidyalaya, Dhamangaon Rly.
6. Collaborative research work with **Dr. S. B. Somwanshi**, Research Scholar, Department of Chemistry, Dr. B. A. M. University, Aurangabad, Maharashtra, 431004 India.
7. Collaborative research work with **Dr. S. B. Somvanshi**, Research Scholar, School of Materials Engineering, Purdue University, West Lafayette, IN 47907, U.S.
- **IV. Collaboratives activities for Research during the year 2020-21..... 10-11**
8. Collaborative research work with **Dr. Rekha C. Maggirwar**, Department of Botany, Shri Shivaji Science College, Amravati.
9. Collaborative research work with **Dr. Mamta Chandrakar**, Department of Zoology, Bajaj College of Science, Wardha.
10. Collaborative research work with **Dr. Vijay G. Mete**, Department of Mathematics, R.D.I.K. and K.D. College, Badnera-Amravati.
11. Collaborative research work with **Dr. K. M. Jadhav**, Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

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13. Collaborative research work with **Dr. Prachi Agrawal**, Department of Mathematics, Brijlala Biyani Science College, Amravati.
14. Collaborative research work with **Dr. K. M. Jadhav**, Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
15. Collaborative research work with **Dr. S. B. Somvanshi**, Research Scholar, School of Materials Engineering, Purdue University, West Lafayette, IN 47907, United States.
- **VI. Certificates of Recognition.....** 14-14

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

I. Collaborative activities for research, Faculty exchange, Student exchange/ internship in the year 2017 – 2018

Collaborative Publication of Dr. Suchita Khodke with Dr. Rekha C. Maggirwar

Sr No.	Authors	Paper Details (Title, Journal, issue, pages etc.)	Year of Publication	Link to Paper
1	R. C. Maggirwar G.B. Hedawoo, S.P. Khodke , P. B. Bobade	International journal of researches in biosciences, agriculture, and technology, (2), vol-v, ISSN No. 2347-517X (Online)	July 2017	https://ijrbat.in/upload_papers/02102017064624204.pdf
2	Maggirwar RC, Khodke SP , Deshmukh SB Malokar SG	Int. J. of Life Sciences, Special Issue, A8 , ISSN: 2320-7817	2017	RCMIJLSsep2017 (6).pdf

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

II. Collaborative activities for research, Faculty exchange, Student exchange/ internship in the year 2018 – 2019

Collaborative Publication of Dr. Suchita Khodke with Dr. Rekha C. Maggirwar

Sr No.	Authors	Paper Details (Title, Journal, issue, pages etc.)	Year of Publication	Link to Paper
1.	P. W. Deotare, S. P. Khodke , R. C. Maggirwar, S. K. Kharwade	An International Research Journal in Botany, Volume 01, Issue 06,	2019	EBSCOhost 147538592 Arbuscular Mycorrhizal and Endophytic (DSE) association in the dominant grasses of Melghat Forest (Phase -II), India.
2	P.W. Deotare, S.P. Khodke , R.C. Maggirwar S.K. Kharwade	Journal of Plant Science and Research, 36 (1-2) 211-224,	2020	http://olddrji.lbp.world/JournalVolumeDetails.aspx?jid=2581-589X&vol=Volume%20%201%20Issue%20%206,%20March,%202019&volid=6#

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

III. Collaborative activities for research, Faculty exchange, Student exchange/ internship in the year 2019 – 2020

Collaborative Publication of Dr. Abhijit Bansod with Dr. Vinayak G. Mete

Sr No.	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
1.	V. G. Mete, A. S. Bansod P. B. Murade ²	AEGAEUM JOURNAL, ISSN NO: 0776-3808, Volume 8, Issue 3, 2020, Page No. 992-1005	March 2020	https://www.researchgate.net/publication/340162485_Bianchi_Types_Cosmological_Models_with_Cold_Dark_Matter_and_Anisotropic_Dark_Energy_in_Saez-Ballester_Theory_of_Gravitation

Collaborative Publication of Dr. Prashant Kharat with Dr. K. M. Jadhav

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	Dhananjay N. Bhojar, Sandeep B. Somvanshi, Prashant B. Kharat , A. A. Pandit, K. M. Jadhav	Structural, infrared, magnetic and ferroelectric properties of Sr _{0.5} Ba _{0.5} Ti _{1-x} Fe _x O ₃ nanoceramics: Modifications via trivalent Fe ion doping. Physic B: Condensed Matter, Elsevier Volume 581 , 15 March 2020, 411944.	March 2020	https://www.sciencedirect.com/science/article/abs/pii/S0921452619308245
<u>2.</u>	Mangesh V. Khedkar, Swapnil A. Jadhav, Sandeep B. Somvanshi, Prashant B. Kharat , K. M. Jadhav	Physicochemical properties of ambient pressure dried surface modified silica aerogels: effect of pH variation SN Applied Sciences, Springer Nature Article number: 696 (2020)	March 2020	https://link.springer.com/article/10.1007/s42452-020-2463-3
<u>3.</u>	Sandeep B. Somvanshi, Prashant B. Kharat , Mangesh V. Khedkar, K. M. Jadhav	Hydrophobic to hydrophilic surface transformation of nano-scale zinc ferrite via oleic acid coating: Magnetic hyperthermia study towards biomedical applications Ceramics International, Elsevier Volume 46, Issue 6 , 15 April 2020, Pages 7642-7653	April 2020	https://www.sciencedirect.com/science/article/pii/S0272884219334583

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>4.</u>	Supriya R. Patade, Deepali D. Andhare, Prashant B. Kharat , Ashok V. Humbe, K. M. Jadhav	Impact of crystallites on enhancement of bandgap of $Mn_{1-x}Zn_xFe_2O_4$ ($1 \geq x \geq 0$) nanospinels Chemical Physics Letters, Elsevier Volume 745 , 16 April 2020, 137240	April 2020	https://www.sciencedirect.com/science/article/abs/pii/S000926142030155X
<u>5.</u>	Sandeep B. Somvanshi, Mangesh V. Khedkar, Prashant B. Kharat , K. M. Jadhav	Influential diamagnetic magnesium (Mg^{2+}) ion substitution in nano-spinel zinc ferrite ($ZnFe_2O_4$): Thermal, structural, spectral, optical and physisorption analysis Ceramics International, Elsevier Volume 46, Issue 7 , May 2020, Pages 8640-8650	May 2020	https://www.sciencedirect.com/science/article/pii/S0272884219335862
<u>6.</u>	Sandeep B. Somvanshi, Prashant B. Kharat , Tukaram S. Saraf, Saurabh B. Somvanshi, Sumit B. Shejul, K. M. Jadhav	Multifunctional nano-magnetic particles assisted viral RNA-extraction protocol for potential detection of COVID-19 Materials Research Innovations, Taylor & Francis Volume 25, 2021 - Issue 3	11 May 2020	https://www.tandfonline.com/doi/full/10.1080/14328917.2020.1769350
<u>7.</u>	Sandeep B. Somvanshi, Swapnil A. Jadhav, Mangesh V. Khedkar, Prashant B. Kharat , S. D. More, K. M. Jadhav	Structural, thermal, spectral, optical and surface analysis of rare earth metal ion (Gd^{3+}) doped mixed Zn–Mg nanospinel ferrites Ceramics International, Elsevier Volume 46, Issue 9 , 15 June 2020, Pages 13170-13179	June 2020	https://www.sciencedirect.com/science/article/pii/S0272884220304132
<u>8.</u>	Pallavi G. Undre, Prashant B. Kharat , Jitendra S. Kounsalye, R. V. Kathare, K. M. Jadhav	Structural, morphological and magnetic properties of Cu^{2+} doped ZnO nanoparticles Journal of Physics: Conference Series, IOP Publishing Pallavi G. Undre <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012008	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012008/meta
<u>9.</u>	Prashant B. Kharat , Sandeep B. Somvanshi, Pankaj P. Khirade and K. M. Jadhav	Effect of magnetic field on thermal conductivity of the cobalt ferrite magnetic nanofluids Journal of Physics: Conference Series, IOP Publishing Prashant B. Kharat <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012028	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012028

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>10.</u>	A. S. Wadatkar, Prashant B. Kharat , A. V. Turkhade, S. G. Onkar and P. S. Bodkhe	The D.C electrical properties of lithium ion conducting solid polymer electrolyte based on polyvinyl alcohol Journal of Physics: Conference Series, IOP Publishing A. S. Wadatkar <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012037	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012037

Collaborative Publication of Dr. Prashant Kharat with Dr. S. G. Onkar

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	A. S. Wadatkar, Prashant B. Kharat, Ajay V. Ambhore , S. G. Onkar	Low-cost fabrication of Cu doped ZnO(Zn _{0.95} Cu _{0.05} O) film for enhanced gas sensing applications Journal of Physics: Conference Series, IOP Publishing <i>J. Phys.: Conf. Ser.</i> 1644 012059	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012059
<u>2.</u>	A. S. Wadatkar , Prashant B. Kharat, A.V. Turkhade, S. G. Onkar and P. S. Bodkhe	The D.C electrical properties of Lithium ion conducting solid polymer electrolyte based on polyvinyl alcohol Journal of Physics: Conference Series Volume: 1644, <i>J. Phys.: Conf. Ser.</i> 1644 012037	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012037
<u>3.</u>	A. S. Wadatkar , Prashant B. Kharat, Ajay V. Ambhore and S. G. Onkar	Low-cost Fabrication of Cu doped ZnO (Zn _{0.95} Cu _{0.05} O) Film for Enhanced Gas Sensing Applications Journal of Physics: Conference Series Volume: 1644,	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012059
<u>4.</u>	A S Wadatkar , S G Onkar, S B Nagdeote, and P B Kharat	Gas sensing behavior of ZnO thick film sensor towards H ₂ S, NH ₃ , LPG and CO ₂ . Journal of Physics: Conference Series Volume: 1644, <i>J. Phys.: Conf. Ser.</i> 1644 012060	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012060/meta
<u>5.</u>	S G Onkar, S B Nagdeote, A S Wadatkar, Prashant B. Kharat	Gas sensing behavior of ZnO thick film sensor towards H ₂ S, NH ₃ , LPG and CO ₂ Journal of Physics: Conference Series, IOP Publishing S G Onkar <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012060	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012060

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
6.	A. S. Wadtkar, Prashant B. Kharat , Ajay V. Ambhore, S. G. Onkar	Low-cost fabrication of Cu doped ZnO(Zn0.95Cu0.05O) film for enhanced gas sensing applications Journal of Physics: Conference Series, IOP Publishing A. S. Wadtkar <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012059	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012059

Collaborative Publication of Dr. Prashant Kharat with Dr. Saurabh B. Somwanshi

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	B. H. Devmunde, Saurabh B. Somwanshi, Prashant B. Kharat , Madhukar B. Solunke	Rare earth ion (La ³⁺) doped BaTiO ₃ Perovskite nanoceramics for spintronic applications B. H. Devmunde, Saurabh B. Somwanshi, Prashant B. Kharat , Madhukar B. Solunke Journal of Physics: Conference Series, IOP Publishing B. H. Devmunde <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012055	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012055
<u>2.</u>	Saurabh B. Somwanshi, Sandeep B. Somvanshi, Prashant B. Kharat	Visible light driven photocatalytic activity of TiO ₂ nanoparticles prepared via gel-combustion process Journal of Physics: Conference Series, IOP Publishing Saurabh B. Somwanshi <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012042	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012042
<u>3.</u>	Saurabh B. Somwanshi, Sandeep B. Somvanshi, Prashant B. Kharat	Nanocatalyst: A brief review on synthesis to applications Journal of Physics: Conference Series, IOP Publishing Saurabh B. Somwanshi <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012046	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012046
<u>4.</u>	Saurabh B. Somwanshi, Sandeep B. Somvanshi, Prashant B. Kharat	Multifunctional magnetic nano-platforms for advanced biomedical applications: A brief review Journal of Physics: Conference Series, IOP Publishing Prashant B. Kharat <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 012036	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012036

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborative Publication of Dr. Prashant Kharat with Dr. Sandeep B. Somvanshi

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc.)	Year of Publication	Link to Paper
<u>1.</u>	Prashant B. Kharat , Anant S. Wadatkar, Sandeep B. Somvanshi, Pankaj Koinkar, Harsharaj S. Jadhav, Prasanta Ghosh, Arti D. Rushi	Preface: International web conference on advanced material science and nanotechnology (NANOMAT-2020) Journal of Physics: Conference Series, IOP Publishing Prashant B. Kharat <i>et al</i> 2020 <i>J. Phys.: Conf. Ser.</i> 1644 011001	June 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/011001

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

IV. Collaborative activities for research, Faculty exchange, Student exchange/ internship in the year 2020 – 2021

Collaborative Publication of Dr. Suchita Khodke with Dr. Rekha C. Maggirwar

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	K. G. Wankhade, Dr. R. C. Maggirwar, S. P. Khodke	World Journal of Pharmaceutical and life sciences, wjpls, 2021, Vol. 7, Issue 4, 118 - 122	January 2021	https://www.wjpls.org/home/ahttp://www.ijstm.com/images/short_pdf/1619502411_GST_13.pdfarticle_abstract/2202
<u>2.</u>	Priti Dhakulkar, Suchita Khodke Rekha Maggirwar	International Journal of Science, Technology and Management, Volume No. 10, Special issue No.1, 69-75,	April 2021	http://www.ijstm.com/images/short_pdf/1619502411_GST_13.pdf
<u>3.</u>	Ragini Zade, Suchita Khodke , Rekha Maggirwar	International Journal of Recent Scientific Research, Vol.12, Issue (03) A, pp. 41207-41210	March 2021	http://recentscientific.com/studies-am-fungi-associated-tagetes-erecta-l-melghat-forest-maharashtra

Collaborative Publication of Dr. Gajendrasingh Pachlore with Dr. Mamta Chandrakar

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	Dr Gajendrasingh Pachlore* , Dr Mamta Chandrakar, Dr Pratibha Mahalle*	International Journal of Science Technology and Management, Vol No. 01, Queens of Era-2021	April 2021	http://www.ijstm.com/images/short_pdf/1619502144_GST_2.pdf

Collaborative Publication of Dr. Abhijit Bansod with Dr. Vijay Mete

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	V.G. Mete A.S. Bansod, P. B. Murade	International Journal of Mathematics Trends and Technology, Volume 66 Issue 11, 117-127, November 2020	November 2020	https://www.researchgate.net/publication/346314112_Accelerating_Anisotropic_Bianchi_Type-V_Model_with_Barotropic_Matter_and_Viscous_Dark_Energy_in_Lyra_Geometry

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborative Publication of Dr. Prashant Kharat with Dr. K. M. Jadhav

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	Sandeep B. Somvanshi, Supriya R. Patade, Deepali D. Andhare, Swapnil A. Jadhav, Mangesh V. Khedkar, Prashant B. Kharat , Pankaj P. Khirade, K. M. Jadhav	Hyperthermic evaluation of oleic acid coated nano-spinel magnesium ferrite: Enhancement via hydrophobic-to-hydrophilic surface transformation Journal of Alloys and Compounds, Elsevier Volume 835 , 15 September 2020, 155422	September 2020	https://www.sciencedirect.com/science/article/abs/pii/S0925838820317850
<u>2.</u>	Prashant B. Kharat , Sandeep B. Somvanshi, Pankaj P. Khirade, K. M. Jadhav	Induction heating analysis of surface-functionalized nanoscale CoFe ₂ O ₄ for magnetic fluid hyperthermia toward noninvasive cancer treatment ACS Omega, ACS Publications <i>ACS Omega</i> 2020, 5, 36, 23378–23384	September 2020	https://pubs.acs.org/doi/10.1021/acsomega.0c03332
<u>3.</u>	V. R. Bhagwat, Mangesh V. Khedkar, Govind Kulkarni, Prashant B. Kharat , K. M. Jadhav	Dextrose assisted sol-gel auto combustion synthesis and magnetic characterizations of cobalt ferrite nanoparticles. AIP Conference Proceedings, AIP Publishing AIP Conference Proceedings 2265 , 030085 (2020).	November 2020	https://aip.scitation.org/doi/abs/10.1063/5.0017310
<u>4.</u>	Supriya R. Patade, Deepali D. Andhare, Sandeep B. Somvanshi, Prashant B. Kharat , K. M. Jadhav	Effect of zinc doping on water-based manganese ferrite nanofluids for magnetic hyperthermia application AIP Conference Proceedings, AIP Publishing AIP Conference Proceedings 2265 , 030557 (2020).	November 2020	https://aip.scitation.org/doi/10.1063/5.0017051

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

V. Collaborative activities for research, Faculty exchange, Student exchange/ internship in the year 2021 – 2022

Collaborative Publication of Dr. Gajendrasingh Pachlore with Dr. Mamta Chandrakar

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	Chandrakar M. R. Kalwade P. S. Pachlore G. S.	Advances in Zoology and Botany 10(1): 18-24, 2022	March 2022	https://www.hrpub.org/journals/article_info.php?aid=11908

Collaborative Publication of Dr. Abhijit Bansod with Dr. Prachi Agrawal

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	Prachi Agrawal, Abhijit Bansod, Umesh Takey3	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 6, June-2022	June 2022	http://www.ijaresm.com/uploaded_files/document_file/PrachiAgrawalxHxL.pdf

Collaborative Publication of Dr. Prashant Kharat with Dr. K. M. Jadhav

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	Sandeep B. Somvanshi, Prashant B. Kharat, K. M. Jadhav	Surface Functionalized Superparamagnetic Zn-Mg Ferrite Nanoparticles for Magnetic Hyperthermia Application Towards Noninvasive Cancer Treatment Macromolecular Symposia, Wiley Publishing 2100124	December 2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100124

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Collaborative Publication of Dr. Prashant Kharat with Dr. Sandeep B. Somvanshi

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>1.</u>	Saurabh B. Somvanshi, Sandeep B. Somvanshi, Prashant B. Kharat , Nanasahab D. Thorat	Magnetically Retrievable Fe-doped TiO ₂ Nanoparticles for Photo-induced Toxic Dye Removal Applications Macromolecular Symposia, Wiley Publishing 2100112	December 2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100112

Sr No	Authors	Paper Details (Title, Journal, issue, pages etc)	Year of Publication	Link to Paper
<u>2.</u>	Prashant B. Kharat , Sandeep B. Somvanshi, Saurabh B. Somvanshi, Anuja M. Mopari	Investigation of Super-Capacitive Properties of Nanocrystalline Copper-Zinc (Cu _{0.5} Zn _{0.5} Fe ₂ O ₄) Ferrite Nanoparticles Macromolecular Symposia, Wiley Publishing 2100162	December 2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100162
<u>3.</u>	Sandeep B. Somvanshi, Prashant B. Kharat , K. M. Jadhav	Surface Functionalized Superparamagnetic Zn-Mg Ferrite Nanoparticles for Magnetic Hyperthermia Application Towards Noninvasive Cancer Treatment Macromolecular Symposia, Wiley Publishing 2100124	December 2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100124
<u>4.</u>	Prashant B. Kharat , Sandeep B. Somvanshi, Saurabh B. Somvanshi, Anuja M. Mopari	Low-cost Fabrication of Zn-doped MnFe ₂ O ₄ (Mn _{0.5} Zn _{0.5} Fe ₂ O ₄) Film for H ₂ S Gas Sensing Applications Macromolecular Symposia, Wiley Publishing 2100147	December 2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100147

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.


SHRI SHIVAJI SCIENCE COLLEGE
 Shivaji Nagar, Morshi Road, Amravati - 444 603 (M.S.)
 NAAC Accredited by Grade "A" with CGPA of 3.42 (IV Cycle)
 UGC Awarded Status of CPE (II Phase)
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 ISO 9001 : 2015 Certified College & ISO 2022:2015 Rank Band : 151-200

Shri. Harshvardhan P. Deshmukh
 President
 Dr. G.V. Korpe
 Principal
 Dr. Panjabrao alias
 Bhausaheb Deshmukh

E-mail : shivajiscamit.office@gmail.com • Website : www.shivajiscamit.org • Off. : 0721-2991778, 0721-2991778, Principal : 0721-2991778

Ref. No. SC/ / / Date: / /

Collaborative Research Programme-Recognition

It is the honour for me to declare the Collaborative Research Programme in association of faculty member/s of Department of Botany, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar affiliated to Sant Gadge Baba Amravati University, is continued from 2017 till the date 11/04/2023.

It is to be indicated for recognition that the research collaboration is in the form of active research activities with faculties from Department of Botany, Shri Shivaji Science College, Amravati the field of Mycorrhizal Bio-Technology. The collaboration is intensively observed from year 2017.

The collaboration is of following purpose

1. Organizing training workshop for the students and faculties.
2. Joint publication and research proposals.

I found the faculty members of Department of Botany, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, are very actively involved in the research activities. They are found very punctual in their work and we wish a great work ahead for future endeavours.


 (Dr. TUSHANT WANKHEDE)
 Professor & Head
 Department of Botany
 Shri Shivaji Science College, Amravati

Establishment Year : 1962
Shiksha Mandal's
Bajaj College of Science, Wardha
 (Formerly known as Jankidevi Bajaj College of Science, Wardha)
 Autonomous College
 A Linguistic Minority College
 Reaccredited 'A' Institution (CGPA 3.21), NAAC (UAC), Bangalore
 College with Potential for Excellence, UGC, New Delhi

Office/Fax : (07152) 230515
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 E-mail : jscsciencewardha@yahoo.co.in
 website : jscw.shikshamandal.org
 Ref No. J.B.C./ /2019-2020

Jannalal Bajaj Marg,
 Civil Line
 Wardha-442 001 (Maharashtra)
 Unit. College No. : 652
 Jr. College No. : 07-01-003
 Date : 23/10/2019

Collaborative Research Programme-Recognition

It is a great honour for me to declare the Collaborative Research Programme in association with Dr. Gajendrasingh Pachore, Assistant Professor Department of Zoology of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar affiliated to Sant Gadge Baba Amravati University, is continued from 2019 till the date.

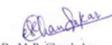
It is to be indicated for recognition that the research collaboration is in the form of active research work with faculty from Zoology Department in the field of Molecular Biology/Toxicology/Biodiversity/Environment/Conservation etc. The collaboration is intensively observed from few mentioned publication below.

Name of the Paper	Journal Name	Year of Publication
Guaging the online Learning preferences of students as a Stakeholder in higher education institute during the COVID-19 Lockdown scenario through online survey Page no – 331 to 335	SCH-DC19-LPW 2020, Vol. 1. (ISSN: 978-93-5407-820-7)	2020
Survey to understand the impact of home-schooling on children's due to lock-down and role of Women as a Bridge between School and schooling	International Journal of Science & Technology and Management	2020
Solid Waste management by Amravati Municipality Corporation Before and during Global Pandemic Scenario: A case study to understand strategy and Policy for Solid waste management During Covid-19 Pandemic	Journal of Research and Development : A multidisciplinary international level refereed and peer reviewed Journal	2021
Constraints Analysis of Kadaknath Meat preference over other poultry birds meat in the district of Amravati using Garret Ranking Method.	R.Adhar International Peer reviewed indexed research Journal	2021
Biodiversity of Moths in Hinganghat Taluka, Wardha, Maharashtra (India)	Advances in Zoology and Botany	2022

The collaboration is for following purpose

1. Organizing training workshop for the students and faculties.
2. Joint publication and research proposals.

I found the faculty member Dr. Gajendrasingh Pachore of Zoology Department of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar is very actively involved in the research Work. He is very punctual in his work.


 Dr. M. R. Chandrakar
 Head
 Department of Zoology
 Head / Incharge
 Department Of Zoology
 Bajaj College Of Science, Wardha

1

Dr. Babasaheb Ambedkar Marathwada University
 Aurangabad-431004, Maharashtra, India
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 "NAAC Reaccredited with "A" Grade"

Date : 1st August 2022

Collaborative Research Programme Recognition

It is the honour for me to declare the Collaborative Research Programme in association of faculty member Dr. Prashant B. Kharat of the Physics Department of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar affiliated to Sant Gadge Baba Amravati University, is continued from 26th December 2019 to 31st July 2022.

It is to be indicated for recognition that the research collaboration is in the form of active research activities with faculties from the Physics Department in the field of Magnetic Nanomaterials. The collaboration is intensively observed from below some of the research papers published jointly.

Sr. No.	Title of the Paper	Name of Journal, Publisher	Date of Publication
1	Induction heating analysis of surface-functionalized nanoscale CoFe ₂ O ₄ for magnetic fluid hyperthermia toward noninvasive cancer treatment	ACS Omega, ACS Publications	02/09/2020
2	Hyperthermic evaluation of oleic acid coated nano-spinel magnesium ferrite: Enhancement via hydrophobic-to-hydrophilic surface transformation	Journal of Alloys and Compounds, Elsevier	15/09/2020
3	Multifunctional nano-magnetic particles assisted viral RNA-extraction protocol for potential detection of COVID-19	Materials Research Innovations, Taylor & Francis	11/05/2020
4	Impact of crystallites on enhancement of bandgap of Mn _{1-x} Zn _x Fe ₂ O ₄ (1 ≤ x ≤ 0) nanoparticles	Chemical Physics Letters, Elsevier	16/04/2020
5	Structural, infrared, magnetic and ferroelectric properties of Sr _{0.5} Ba _{0.5} Ti _{1-x} Fe _x O ₃ nanoceramics: Modifications via trivalent Fe ion doping	Physica B: Condensed Matter, Elsevier	15/03/2020

The collaboration is of following purpose

1. Organizing training workshop for the students and faculties.
2. Joint publication and research proposals.

I found the Dr. Prashant B. Kharat, faculty member of the Physics Department of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, are very actively involved in the research activities. He is very punctual in their work.


 Dr. Kamalakar M. Jadhav
 Senior Professor of Physics
 Dr. Babasaheb Ambedkar
 Marathwada University,
 Aurangabad.

Vidarbha Youth Welfare Society's
Bar. Ramrao Deshmukh Arts, Smt. Indira Jee Kapadiya Commerce
Nyayamutri Krushnarao Deshmukh Science College
 Badnera-Amravati (M.S.) Pin-444701
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Date : 01/10/2021

Collaborative Research Programme-Recognition

It is the honour for us to declare the Collaborative Research Programme in association of faculty members of Mathematics Department of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar affiliated to Sant Gadge Baba Amravati University, has been continued since 2020.

It is to be indicated for recognition that the research collaboration is in the form of active research activities with faculties from Mathematics Department in the field of Cosmology/General Theory of Relativity/Modified Theories of Relativity. The collaboration is intensively observed from Research Papers.

The collaboration is of following purposes

1. Organizing training workshop for the students and faculties.
2. Joint publication and research proposals.

I found the faculty members of Mathematics Department of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, are very actively involved in the research activities. They are very punctual in their work.


 Dr. Vijay Mete
 Head, Department of Mathematics
 R.D.K. College, Amravati.
 Dr. V. G. Mete
 Professor & Head
 Department of Mathematics,
 R.D.K. & K.D. College, Badnera-Amravati.



4. Field Trips/ Study Tour/ Industrial Visit.



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2. Study tour for the students of B.Sc. organized by department of **Botany** to Chikhaldara. 3

II) Field Trips / Study tour/ Industrial visit organized for the students in the year 2018-19.

3. Study tour for the students of B.Sc. organized by department of **Botany** to Bamboo Garden, Wadali, Amravati. 4

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4. Educational tour for the students of B.Sc. Part III organized by department of Chemistry and Botany to **“NEERI”**, Nagpur. 7
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7. Educational visit for the students of B.Sc. Part III organized by department of Chemistry to **“Central Instrumentation Cell”**, Shri Shivaji Science College, Amravati. 10

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➤ Field Trips / Study tour/ Industrial visit organized for the students in the year 2017-18.

1. One Day Study Tour to Chikhaldara organized by Department of Zoology on 9th September 2017



Department of Zoology had organized one day study tour to Chikhaldara on 9th September 2017. Total **Fifty-Three (53)** students from all the classes of B.Sc. had become the part of this study tour. They had explored the biodiversity of this region and tried to learn and understand the tradition, Cultures and Life style of Chikhaldara Tribal people.



2. One Day Study Tour to Chikhaldara organized by Department of Botany on 9th September 2017



Department of Botany had organized one day study tour to **Chikhaldara** on **7th October 2017**. Total **Fifty-Three (53)** students from all the classes of B.Sc. had become the part of this study tour. They had explored habitat of the plant species with morphological character. They also visited Apiculture unit and learnt the detail process.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

- Field Trips / Study tour/ Industrial visit organized for the students in the year 2018-19.

3. One Day Study Tour to Bamboo Garden, Amravati organized by Department of Botany on 23rd February 2019



Department of Botany had organized one day study tour to Bamboo Garden, Wadali, Amravati on 23rd February 2019. Total **Twenty-Two (22)** students from B.Sc. Part III had become the part of this study tour. During the tour student exposed to the conservation strategy and introduced to the huge number of Bamboo varieties. Students also learnt the process of running the whole garden.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

- Field Trips / Study tour/ Industrial visit organized for the students in the year 2019-20

4. One Day Educational tour organized by Department of Chemistry and Botany on 3rd March 2020



Department of **Chemistry** in collaboration with department of **Botany** had organized one educational tour to “**NEERI,** Nagpur on 3rd March 2020. Total **Forty-One (41)** students from B.Sc. Part III had become the part of this educational tour. During the visit, students had visited different sections of NEERI and collected the information. Students also came to know the working of Ecology laboratory.



5. One Day Industrial visit organized by Department of Commerce on 5th March 2020



Department of Commerce had organized one day Industrial visit to “N. S. T. Finley Mills” on 5th March 2020. Total **Twenty-Seven (27)** students from B.Com. Part III had become the part of this industrial visit. During the visit, students had visited different departments of Mills and learnt the overall running process of mills. Students exposed to the practical demonstration of the processes took place in the mills.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Field Trips / Study tour/ Industrial visit organized for the students in the year 2020-21

6. One Day Virtual Educational Study tour to “Kiran Nursery” on 13th February 2021



As whole world was hit by unprecedented situation Corona virus, it was difficult to organized physical tour for the students. By keeping this thought in mind, department of **Botany** had organized one day virtual educational tour to **“Kiran Nursery”** on **13th February 2021** at Amravati for all the students of B.Sc. This activity was made available for other universities students from the Maharashtra. Total **264** students had registered and attended the virtual tour. During the session **Dr. Suchita Khodke** had explained the various aspects of flowers that bloom in winter.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Field Trips / Study tour/ Industrial visit organized for the students in the year 2021-22

7. One Day Educational visit to “Central Instrumental Cell” on 6th April 2022



Department of **Chemistry** had organized one day educational visit for the students of B.Sc. Part III to “**Central Instrumental Cell**”, Shri Shivaji Science College, Amravati on **6th April 2022**. Total **Twenty-Nine** (29) students had participated in the educational visit. During the visit students got the information of working and processing of the different instruments like **UV- Spectrometer, X-ray, Infra-red Spectrophotometer, HPLC** and **Atomic Absorption Spectrometer** and their role while determining the structure of unknown organic compound.

