



Mahatma Gandhi Vidyamandir's

Loknete Vyankatrao Hiray Arts, Science & Commerce College

Affiliated to S.P.P. Uni., Pune Id. No. PU/NS/ASC/018 [1971]
Website : www.lvhcollege.com e-mail : lvhcollege@gmail.com

Founder



Karmaveer Bhausaheb Hiray

Re-Accredited by NAAC with 'A' Grade
Best College Award 2017 (S.P. Pune University)

Criterion 7-Institutional Values and Best Practices

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual (QIM)

This document contains

A. Two Best Practices

- 1. Recognition of Noble Social Contributions through *Panchavati Ratna* Award**
- 2. Developing R& D Culture Through Research-Oriented Activities**

B. A Booklet of Best Practices



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Criterion 7-Institutional Values and Best Practices

7.2 Best Practices

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- 1. Recognition of Noble Social Contributions through *Panchavati Ratna* Award**
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BEST PRACTICE-01

Title of the Practice: Recognition of Noble Social Contributions through *Panchavati Ratna* Award

Objectives of the Practice:

1. To strengthen the bond with native society.
2. To identify the noble work going on in the community.
3. To find out the relevance of the particular work.
4. To give recognition to the work through an award.
5. To bring in mainstream those who work behind the screen.
6. To set a role model of social service for the students.

The Context:

There is nothing nobler than helping out others. Service to mankind is next to the service of God. There are many good people around us. They are continuously engaged in social work. Helping others is their inspiration. They may not be familiar with concepts like social welfare, social reformation, or charitable deeds. They feel happy and content when they help others. They never expect any material gain for the work they do or publicity of their work. They are self-motivated and philanthropist in nature. They can go to any extent to help out others. They may serve the poor and needy, the patients, the old people, and whoever is in need. Their little, timely help can be of greater value as it can change and transform the lives of many. Every year the institute tries to identify the noble social contribution of the good people and gives it recognition through *Panchavati Ratna* Award.

The Practice:

The *Panchavati Ratna* is a distinguished award sponsored by the institute. It consists of a bouquet and Memento. The *Panchavati Ratna* Award is conferred on social workers with exceptional work that has a positive impact on society. The college is situated in the area called *Panchavati*. It is a sacred place on the bank of the river Godavari. It is also a part of old Nashik with a collection of temples and antique buildings. The award is named after this area and is called *Panchavati Ratna*. This part of the city seems to be away from the impact of modernization. The people from this area believe in traditional and basic human values. Therefore, they undertake many welfare activities. Unfortunately, their activities remain unnoticed and their work unrecognized. There is a provision of recognition for such activities at the state /central level. But it requires a long procedure. The people working at the ground level are not even aware of it. As a result, many



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philanthropists remain unnoticed and their work unrecorded in the course of history. Their work is very significant. It has played a crucial role in a particular span of time. The institute makes an attempt of mapping the dedicated work of these people and recognizes it through *Panchavati Ratna* Award. Some of the recipients of the *Panchavati Ratna* Award are as follows.

Mrs.Sunita Rajendra Patil is the recipient of *Panchavati Ratna* for the year 2016-17. She is a female curator of *Panchavati Amardham* a Hindu crematorium in Nasik. Indian society is still an orthodox one and does not allow females to participate in funeral rites. Despite of this Sunita Tai has continued her work and now she is well accepted for her work. She does all the necessary rites and rituals of the dead body till the last rites of the cremation. *Panchavati Amardham* is adjoining the institute; the institute decided to recognize this work going on in the proximity and felicitated Sunita Tai with *Panchavati Ratna* Award for her noble work.

Mr. Vilas Shinde, the Founder of *Sahydri* Farm has remarkable contribution to the field of agriculture. *Sahydri* Farms is popular for its organic products. Mr. Vilas Shinde has given a sustainable model of farming to the farmers with the assurance of safe and quality food to the customers. Mr. Shinde introduced the concept of organic farming and inspired youth to undertake the job of farming. At the same time, his organic farming has stopped the migration of the farmers in the urban areas and extended dignity to their work. Taking into consideration the radical work of Mr. Shinde the institute has felicitated him with *Panchavati Ratna* Award.

Mr. Arun Ingle is a former student of the institute and the recipient of *Panchavati Ratna* award for the year 2018-19. Mr. Arun Ingle is a celebrity in *Marathi* cinema. He has a multifaceted personality with a number of talents. He is an orator, composer and singer, painter, actor and social worker. The youngsters have a fascination for celebrities. With his multifaceted talents, Mr. Arun Ingle served a very good role model for the students.

Mr. Ravindraji Naik, the alumni of the institute and District Sports Officer has a unique contribution to the Sports Facilities and availing Sports grants for the Nashik District. He has totally changed the Sports Scenario of the Nashik region through various initiatives. Mr. Balasaheb Sanap is also one of the recipients of *Panchavati Ratna* Award. Mr. Sanap is political personnel notable for his contribution to the socio-political fields and undertaking many welfare activities for the native society.

Thus, the institute recognizes the noble work going around and brings these social workers into the limelight. By identifying their social services, the institute tries to set a role model for our



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students. The practice has far reached significance as we wish to shape the young minds for social services.

Evidences of Success

Every year Panchavati *Ratna* award is given away to the social workers engaged in noble work. The role models recognized by *Panchavati Ratna* Award are specifically inspiring for the students engaged in the extension activities of NSS, NCC and Board of Student Development. The students of the National Service scheme directly work on the social field. They get sensitized to the various social issues for which *Panchavati Ratna* Awardees have worked. Thus, they work with great commitment on NSS front whether it is Cleanliness Campaign or any other mass education program like health and hygiene, drug addiction and eradication of superstition. It needs an inspiration and role model to carry out any social activity successfully. In this respect, students follow the footprints of the awardees. With the help of these role models our NSS activities do not become prescribed mechanical ones but at once get meaning in the true sense of the term. Similarly, the awardees do serve to add to the spirit of patriotism for NCC students. For the Board of Student Development, the awardees serve as an illustration of hard work. The award of *Panchavati Ratna* also creates a sense of belonging among the students.

Problems Encountered and Resources Required

The main problem that we faced is to evaluate and identifying the noble social work. For this every year we undertake a survey to be able to know the noble work done by the people. As this work is not a recorded one, we need to collect data orally and visit the concerned people personally which seems to be a challenge. Every year we get a surprising number of people engaged in different social activities. In this case, shortlisting and evaluating the activities is again a challenge. However, a team of faculty does this work impartially and takes every care so that the right person should be selected for *Panchavati Ratna* Award.

Notes (Optional):

Nil

Principal

Loknete Vyankatrao Hiray
Art's, Science & Commerce College
Panchavati, Nashik - 3.

BEST PRACTICE-01

Recognition of Noble Social Contributions through

Panchavati Ratna Award

List of Panchavati Ratna Awardee

Academic Year	Name of the Awardee	Field
2021-22	Dr. Sitaram Kolhe	Law and Order (Police Dept.)
2019-20	Shri. Balasaheb Sanap	Political and Social Work
2018-19	Shri. Arun Ingale	Education and Cultural Work
2017-18	Shri. Ravindra Naik	Sports

Panchavati Ratna to Dr. Sitaram Kolhe (2021-22)



सीताराम कोल्हे यांना पंचवटी रत्न पुरस्कार प्रदान

नाशिक : प्रतिनिधी

महात्मा गांधी विद्यामंदिर संचलित लोकनेते व्यंकटराव हिरे कला, विज्ञान व वाणिज्य महाविद्यालयातर्फे देण्यात येणारा पंचवटी रत्न पुरस्कार सहायक पोलीस आयुक्त डॉ. सीताराम कोल्हे यांना नुकताच प्रदान करण्यात आला.

यावेळी झालेल्या कार्यक्रमाच्या

अध्यक्षस्थानी संपदा हिरे होत्या. त्यांच्या हस्ते डॉ. कोल्हे यांना हा पुरस्कार प्रदान करण्यात आला. शाल, सन्मानपत्र, स्मृतिचिन्ह असे पुरस्काराचे स्वरूप होते.

कार्यक्रमाला महाविद्यालयाचे प्राचार्य डॉ. बापू सोनू जगदाळे, मानसशास्त्र विभागाच्या प्रमुख डॉ.

मृणाल भारद्वाज, धावपटू कविता राऊत, महाविद्यालयाचे कर्मचारी, शिक्षक, विद्यार्थी उपस्थित होते. हिरे महाविद्यालयातर्फे दरवर्षी समाजात असामान्य कार्य करणाऱ्या व्यक्तीला पंचवटी रत्न पुरस्काराने सन्मानित करण्यात येते. यंदा पुरस्कारासाठी कोल्हे यांची निवड करण्यात आली होती.



सन्मानपत्र



महात्मा गांधी विद्यामंदिर संचालित,

लोकनेते व्यंकटराव हिरे कला, विज्ञान व वाणिज्य महाविद्यालय

पंचवटी, नाशिक - ०३

पंचवटी रत्न पुरस्कार : २०२१-२२

डॉ. सीताराम शंकर कोल्हे

वरिष्ठ पोलीस निरीक्षक

सविनय नमस्कार,

समाज संघटित राहण्यासाठी, सुरक्षित वावरण्यासाठी समाजाचा रखवालदार ही भूमिका पोलीस विभागाची असते. पोलीस नसतील तर समाजात अराजकता माजल्याशिवाय रहाणार नाही ही प्रत्येकाला माहिती आहे. अशा या समाजरक्षक विभागात आपण कार्यरत आहात आणि मुख्य म्हणजे अत्यंत कर्तव्यदक्ष पद्धतीने सेवा बजावत आहात; ही बाब आमच्यासाठी अतिशय महत्वाची आहे.

आपण नाशिक येथील पंचवटी पोलीस स्टेशनमध्ये वरिष्ठ सहाय्यक पोलीस निरीक्षक म्हणून बजावलेल्या कामगिरीमुळे नुकतीच आपल्याला सहाय्यक पोलीस आयुक्त या पदावर बढती मिळाली ही गोष्ट विशेष अभिनंदनीय आहे. आपण उच्चविद्याविभूषित आहात आणि क्रिमीनल सायकॉलॉजी या विषयात विद्यावाचस्पती अर्थात पीएच. डी. ही पदवी आमच्या लोकनेते व्यंकटराव हिरे कला, विज्ञान व वाणिज्य महाविद्यालयातून प्राप्त केली याचा आम्हाला सार्थ अभिमान आहे. तबला वादनात आपले प्राविण्य आहे. या दोन्ही गोष्टी खरोखर स्पृहणीय आहेत. आपल्या आजवरच्या वाटचालीत आपण अनेक गुन्द्यांना वाचा फोडली. अनेकांना न्याय मिळवून दिला. प्रसंगी जीव पणाला लावून खाकी वर्दीची शान सांभाळली, हे विशेष म्हणावे लागेल.

आपणास यापूर्वी अनेक सन्मान मिळाले, तथापि आपला 'राष्ट्रपती पोलीस पदक' हा पुरस्कार अधिक गौरवाचा म्हणावा लागेल. आपल्या कार्याला आणि कर्तृत्वाला सलाम आणि शुभेच्छा ...

हे सन्मानपत्र प्रदान करताना आम्हास अतिशय आनंद होत आहे. आपल्या पुढील वाटचालीसाठी आमच्या खूप खूप शुभेच्छा !!!

प्राचार्य

डॉ. बापू सोनू जगदाळे

**Panchavati Ratna to Shri. Balasaheb Sanap
(2019-20)**



**Panchavati Ratna to Shri. Arun Ingale
(2018-19)**



**Panchavati Ratna to Shri. Arun Ingale
(2017-18)**





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BEST PRACTICE-02

Title of the Practice: Developing R& D Culture Through Research-Oriented Activities

Objectives of the Practice:

1. To communicate the significance of research and innovation to the students.
2. To create a supportive ambiance for the research.
3. To sensitize students to the relevant research areas.
4. To motivate students to undertake research.
5. To make students aware of the job opportunities associated with research.
6. To impart new insights into research and development.
7. To promote good quality research.
8. To expose students to good-quality research.
9. To acquaint students with Research Methodology.
10. To make them aware of the significant research areas.
11. To develop abilities like analytical and critical thinking.

The Context:

In an age of science and technology research has a unique significance. R & D stands for the creation of new knowledge. we continuously need new knowledge for growth the development. The existing knowledge gets outdated very soon and it does not meet the requirement of the new age. It is the research that has solved our problems and given us ease and comfort. We need socially relevant research to find out solutions to the issues of modern life. Research is very much associated with higher education. Even NEP 2020 has underlined the significance of research in higher education. For the students at UG, and PG levels research appears to be an abstract idea. To explain to them the concept of research the institute undertakes research-oriented activities to cultivate the research aptitudes of the students. Thus, the mindset of the students is prepared gradually by making them think critically and analytically.

The Practice:

The institute at large as well as various departments undertake different research-oriented activities to develop R&D Culture. To develop critical and analytical thinking in the students the



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Department of Mathematics has undertaken an activity of book review. The students were asked to write a review of the books that they have studied. Since the book review is evaluative in nature and brings out the full meaning and significance of the given work, it requires a lot of effort on the part of the students. As the National Eligibility Test is mandatory for employment and research in higher education, the department has conducted a NET-SET workshop for the students and compiled the notes of the workshop in book format. It is also a motivation for research in higher education.

Exposure to Research Journals is the first step toward research. The Department of Mathematics conducted a survey of the Journals. The survey has exposed students to quality research articles. They came to know what goes into the making of a good research article, how to frame a research problem, how to introduce and develop it, and how to acknowledge the references, bibliography and other technicalities of the Research. The faculty in the Department of Physics guided students in the publication of articles in reputed Journals.

The Institute has organizes seminars and webinars on Research Methodology. These seminars and webinars are for the targeted group. Many renowned research scholars and Scientists contribute to these seminars as Resource Persons. They acquaint students with the discipline-specific research methodology, the recent research trends and relevant research areas in the respective subjects. At the same time, the Institute conducts webinars on Intellectual Property Rights. Thus, the students are sensitized to the concept of Patents at an early stage. The seminars on Research Methodology and Intellectual Property rights lay down the foundation for the future research endeavor of the students. The institute also motivates students' participation in *Avishkar*, the research project competition conducted by affiliating university.

In the academic year, 2021-22 the institute organized the late *Loknete Vyankatrao Hiray* Innofest competition. In fact, Inno-fest was a platform availed by the institute for innovation, incubation and linkages for a start-up in all fields. It was also an attempt to engage scholars, inventors and innovators in dialogue for the effective solution to our problems. The college has a tie-up with C-MET Pune which is a government project for R&D. Through this tie-up various seminars, workshops have been arranged in collaboration for the promotion of R&D culture.



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Evidences of Success

The practice has its outcome as the students got the concrete idea of research. They are trained in writing the book review. They are exposed to research journals through surveys of journals. Their mindset is cultivated for the research work and they can undertake research activities like writing a research article or presenting a research paper in seminars and conferences. Five students in the Department of Physics could publish their research articles in international journals and UGC Listed Journals. Another four students from the Department of Physics attended International Conference and presented their Research Papers. Late *Loknete Vyankatrao Hiray* Innofest competition was responded to spontaneously by the researchers and innovators. There were 460 students who participated in the competition from all over Maharashtra. Due to the promotion of R&D Culture there are 11 Research Centers functioning in the college in which more than 112 scholars are pursuing research. There has been a considerable increase in research publications by the faculty as well as the students. The research of these scholars is going to contribute substantially to society by resolving a number of challenging issues. Students participate in the workshop organized by C-MET and got an opportunity to do internship in C-MET Pune.

Problems Encountered and Resources Required

The students admitted to the institute are from rural and tribal background. Their target in higher education is limited only to acquire degrees in the respective discipline. It seems to be difficult to make the students think beyond the traditional syllabus and evaluation patterns. Some of the students even believe that it's too early to think about research while others take it as if research is not their area of interest. It seems to be difficult to convince them about research and development. Most students pursue higher education while doing some part-time jobs. Naturally, research becomes their secondary priority. As there is no prescribed syllabus for research students are confused and hesitate to pursue research. As an impact of the pandemic students seem to be scattered and distracted from higher education. Due to a lack of job opportunities earning a livelihood has become their priority. On this background, it has become challenging to inculcate and promote research culture among the students.

Notes (Optional)

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The institute has appointed Academic Research Coordinator (ARC) who works as a mediator between the affiliating University and the institute and updates the faculty about different research schemes and projects. The institute has a Research Advisory Committee and renowned scholars from various disciplines and scientist are the member of the Research Advisory Committee. The college is going to organize the late *Lokenete Vyankatrao Hiray* Inno-fest every year to get new ideas for research and development. The college is going to compile Inno-fest Magazine and the best 100 shortlisted innovations and projects from the inno-fest competition will be published in it.

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Sample Supporting Documents for Best Practice 02

Developing R& D Culture Through Research- Oriented Activities



Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik-03
(Affiliated to Savitribai Phule Pune University, Pune)



A REPORT ON

ONE DAY SEMINAR

On

**PERSPECTIVE OF MATERIALS IN
ELECTRONICS TECHNOLOGY**

ORGANIZED BY

DEPARTMENT OF CHEMISTRY

IN ASSOCIATION WITH

C-MET, Pune

ON

19th August 2022

AT

10 am to 5.00 pm

CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET), PUNE

Under Ministry of Electronics and Information Technology (MeitY),
Govt. of India sponsored project

"Creation of R&D Culture in Electronic Materials among SC/ST & Women Students from the Remote Areas in Maharashtra"

Organizes one-day seminar

In Association with

**MGVs Loknete Vyankatrao Hiray Arts, Science & Commerce College,
Panchavati, Nashik-422003, on the topic**

Perspective of Materials for Electronics Technology

Chairman

Dr. Bharat B. Kale, Director General
Centre for Materials for Electronics Technology (C-MET)

Co-Chairman

Dr. B. S. Jagdale, Principal, MGs LVH College, Nashik

Convenor

Prof.(Dr.) K.H.Kapadnis, Vice Principal & Head
Prof.(Dr.) Mrunal Bhardwaj, Vice Principal & IQAC Coordinator

Co-convenor

Dr. Sudhir S. Arbuj, Scientist, C-MET, Pune

Co-ordinator

Prof. Satish A. Ahire, MGs LVH College, Nashik

Co-cordinator

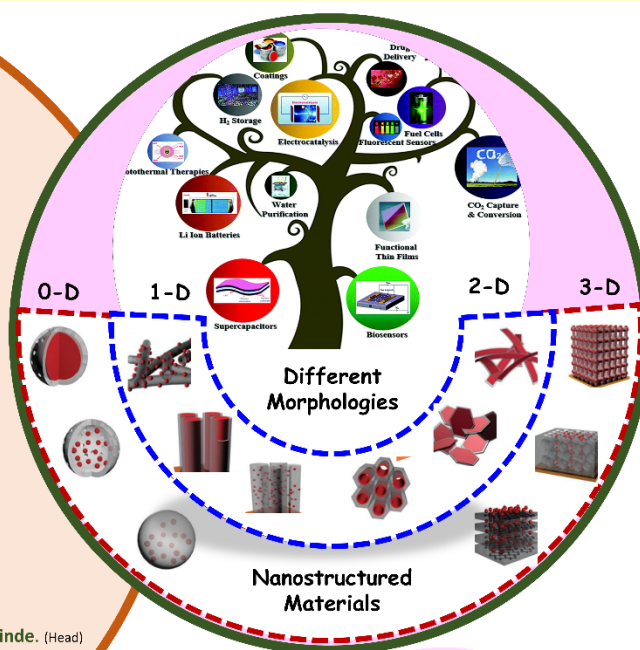
Dr. Govind Umarji, Scientist, C-MET, Pune

Organizing Committee from C-MET, Pune

Dr. Manish Shinde (Scientist, C-MET Pune)
Dr. Ranjit Hawaldar (Scientist, C-MET Pune)
Mr. Amol Tambe.
Ms. Priyanka Birla.
Ms. Sayali Shenkar.
Mr. Rushikesh Kale.

Organizing Committee from LVH College, Nashik

Prof.(Dr.)T.B.Pawar. **Dr. S.J.Patil (Head & COE)** **Dr. U.P.Shinde. (Head)**
Mrs.N.V.Sadgir. **Dr.K.B.Bhamre** **Dr.A.B.Patil.**
Dr.S.S.Chobe. **Dr.J.M.Shewale**
Dr.V.A.Adole.
Dr.Sunil Dhonekar.



19th August 2022

Time:
10.00 am to 4.00 pm

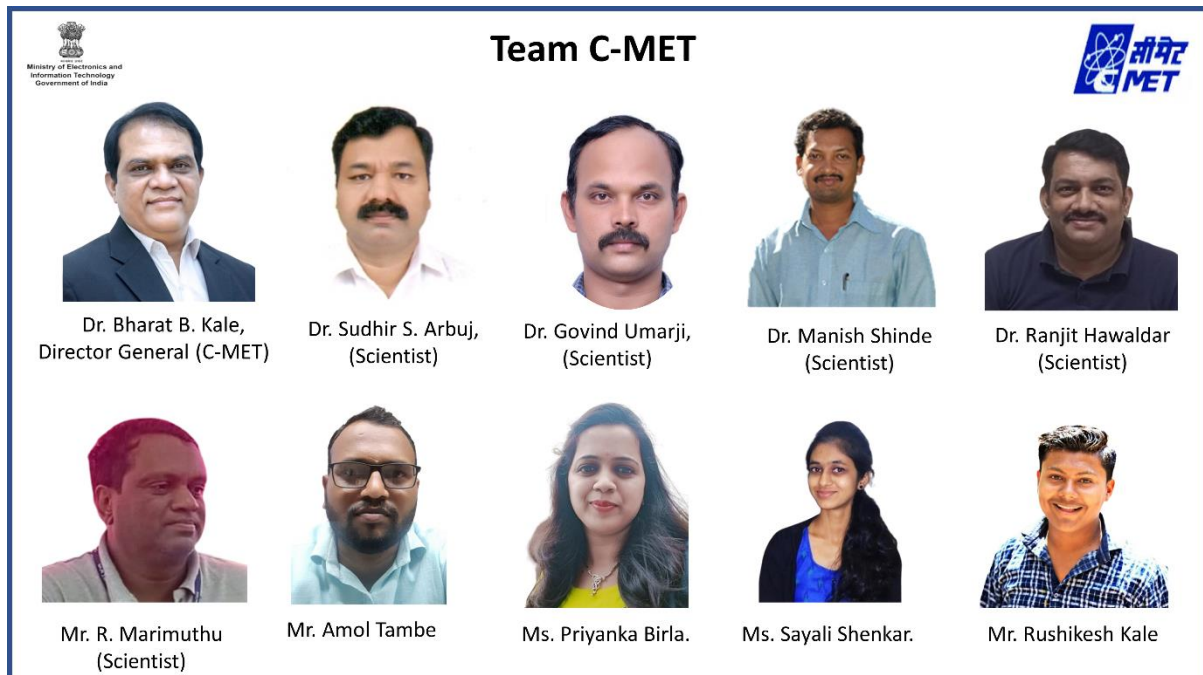
Duration:
1Day

Mode: Offline

Venue:

**New Conference Hall, MGVs Loknete
Vyankatrao Hiray Arts, Science and
Commerce College, Panchavati College,
Nashik-422003**

Sr. No.	Program	Time
1.	Overview about C-MET by Dr. Bharat B. Kale, Director General, C-MET	10.00 to 11.00
2.	Semiconductor Nano Structures and its various applications, Dr. Sudhir S. Arbuj, C-MET, Pune	11.00 to 11.45
3.	High tea	11.45 to 12.00
4.	Making of Silver Nps and Its applications Dr. Govind G. Umarji, C-MET, Pune	12.00 to 12.45
5.	3D Printing Technology in Its Applications Dr. Manish Shinde, C-MET, Pune	12.45 to 1.30
	Lunch Break	1.30 to 2.30
6.	Importance of 2D materials in Quantum Computing by Dr. Ranjit Hawaldar	2.30 to 3.30
7.	Panel Discussion and vote of thanks	3.30 to 4.30



THE OBJECTIVES OF THE SEMINAR:

- To encourage the students for the research skill
- To give an opportunity to interact with the eminent scientist.
- To aware the students about the recent developments in the field of research.
- To create Research and Development Culture among students.

A DETAILED REPORT:

The one-day workshop on “**Perspective of Materials In Electronics Technology**” was conducted on **19th August 2022**. This workshop was organized by IQAC and the Department of Chemistry, Mahatma Gandhi Vidyamandir's, Loknete Vyankatrao Hiray Arts Science and Commerce College, Panchavati, Nashik in collaboration with the Centre for Materials for Electronics Technology (C-MET), Pune.

The programme was inaugurated at the auspicious hands of the Chief guest, Dr. Bharat B. Kale (The Director General of C-MET, Pune) was the chief guest for the seminar. Principal Dr. B. S. Jagdale was the president of the inaugural function. The concept of the programme was explained by Satish A. Ahire, the coordinator of the workshop. The chief guest Dr.B.B. Kale in his talk explores the work of C-MET, Pune and it's contribution in the field of research. He also mentioned the advancement of the electronic materials, Research & Development activities of C-MET, Pune, the importance of material in different field of science, hydrogen generation from water and H₂S, water purification under sunlight, synthesis of cathode and anode. The session was informative and interactive.

Principal Dr. B.S.Jagdale presented a review on the functioning of the Mahatma Gandhi Vidyamandir and Adivasi Seva Samiti. He also focused on the research and innovation activities that are ongoing in the institution. He also explains the initiatives taken by the institute. He insisted students to take an interest in an innovative Research project. The inaugural function was concluded by the vote of thanks.

The second session was of Dr. Sudhir Arbhuji, Scientist, C-MET, Pune explored the concept of Nanomaterial, its synthesis, application, and characterization methods.

The third session was online and conducted by Dr. Manish Shinde, Scientist, C-MET, Pune. The screen was shared with the students, and they participated in it virtually. He explains the concept of 3D painting, its process challenges, advantages, scope in Research & Development, comparison between different 3D painting techniques.

In forth session, Dr.Govind Umarji explores the development of silver nanoparticle, composites and its applications.

In Fifth session, Dr.Ranjit Hawaldar explores the concept quantum computing and 2D material, semiconductor technology what is quantum computing, its need and working in the era. Graphene making and its application.

In sixth session, there was a interaction of all participants (the students and college coordinators) with the Director General, Dr. Bharat B.Kale and entire C-MET team. The discussion was on the issues and challenges in the research. Students ask several questions such as what is research? what facilities we are required for research? Which instrumentation are available in C-MET, Pune? What are the career opportunities after graduation and post-graduation? All the questions have been answered by the C-MET Team. The session was very interactive. At last in the support of the research and to overcome the challenges, the Director General Dr.B.B.Kale sir invited all participants that all should come to the C-MET, Pune and take the benefit of the facilities that are available in C-MET, Pune.

At the end of the day, the seminar was concluded by the distribution of the certificates to the participants. In this session, Dr. Nilesh Mharsale and Dr. Aher from the faculty participants and Sachin Jadhav from student participant expresses what they have learned from the seminar and what expectation they want in future. The programme was concluded with a vote of thanks and a group photograph.

Inaugural function



Dr. Bharat B. Kale presenting an overview of the C-MET, Pune



Dr. Ranjit Hawaldar Delivering talk on Quantum Computing and 2D Material



Dr. Govind Umarji delivering talk on development of silver nanoparticle, composites and it's applications.



Interaction of the Team C-MET, Pune with students



Participants giving feedback about the seminar



Certificate distribution to participants



Group photo with participants



**Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray, Arts, Science & Commerce College,
Panchavati, Nashik-3**

LVH INNOFEST 2022

Mahatma Gandhi Vidyamandir's Loknete Vyankatrao Hiray, Arts Science & Commerce College was established in the year 1971 and celebrating Golden Jubilee year. Therefore, on the occasion of golden jubilee year of the college, the college has organized various national and state level competitions to promote the scientific and artistic talent of the students. Loknete Vyankatrao Hiray Innofest – 2022, competition was conducted in 2 categories – University level posters, projects and models on 24th April 2022. This competition was organized for the students of all Senior colleges for all faculties and was in the form of project and poster competition for science and technology, commerce and management, Humanities, Inter-disciplinary Faculties.

The program was inaugurated by the auspicious hands of the Vice-Chancellor of Savitribai Phule Pune University Dr. Nitin Karamalkar. Former Vice-Chancellors of Nanded and Lucknow University, Dr. S. B. Nimse, Hon. Vice-Chancellor of Balaji University, Pune, Dr. Gangadhar Shirude, Registrar, SPPU, Dr. Prafulla Pawar, Dean Science and Technology, SPPU, Dr. Manohar Chaskar, Dean Commerce and Management, SPPU, Dr. Parag Kalkar, Vice President, D. Y. Patil Vidyapeeth, Pune, Dr. Anil Khedkar, Dr. Ashok Joshi consented to be the honorable guests for the inauguration of LVH INNOFEST 2022.

Honorable Dr. Prashant Hiray-Secretary Mahatma Gandhi Vidyamandir presided over the inaugural programme. On this occasion, Hon. Dr. Apoorva Hiray-Coordinator MGV, Dr. V. S. More- Joint Secretary, MGV and Principal, Dr. B. S. Jagdale were also present.

The college took the initiative to start “LVH INNOFEST 2022” in the name of Late Loknete Vyankatrao Hiray. This innofest provided a platform to students to present their innovative ideas in science and technology, commerce and management as well as humanities and other disciplines to achieve the Sustainable Development Goals. A variety of nations today are working within the bounds of sustainable

development for a more justice, peaceful, resilient and prosperous society. Therefore, It is the responsibility of higher education institutions to contribute to the development of society and to meet new challenges. Actions are required to develop the highly educated sector to be able to develop self-empowerment. Those who are independent and self-reliant and contribute to society not only through civic duties but also through their ideas that can make life livable for the common man.

For this purpose, Loknete Vyankatrao Hiray College organized Innofest-2022. There was a great turnout for the competition. 460 students came up with new ideas. Projects that can prove to be useful to the upcoming future generations addressed issues such as alternate sources of energy, water management, transportation, sewage management, solid waste management, aviation, power and quality of human life where innovations can be used in future generations. Total Cash Prizes of Rs. 51,000/- was given to the winners. Shubham Ashok Bhosle and team won the first prize of Rs. 11000 and trophy in project category in the senior college. Garima D. Salunke and team won award of Rs. 7000/- and Deore Shreya Vinod and team won award of Rs. 5000/- for the second and third position respectively. In campaign with poster presentation, Khan Rehana and team won the first prize of Rs. 7100/- while Sawant Prachi Rajesh and team won prize of Rs. 5100/- and Masam Narshihlal Vasami and team won prize of Rs. 2100/- for second and third position respectively.

In all Faculty Projects', Ahire Shubham Vijay and team won first prize of Rs. 3100/- While Pritam Patkar and team won Rs. 2100/-, Pawar Devyani Vilas and team won Rs. 1100/- and Mrunal Mote and team won Rs. 500/- for second, third and fourth position respectively. In the 'Science and Technology Poster Presentation' category, Khan Rehana and team won the first prize of Rs.1500/- while Khan Rukhsana Rs. 1100/-, Rutika Mahavir Rs. 700/-, Janahvi Chavan Rs. 500/- and their teams won second, third and fourth place respectively. For Commerce and Management, Humanities and Interdisciplinary poster presentation category, Masam Narshihlal Vasani won the first prize of Rs. 1500/- while Kumkum Pandey Rs. 1100/-, Siddhi Vinod Wankhede Rs. 700/- and their teams won second and third place respectively. Also, the students of Junior from organizing Unit take the part in the competitions.

In the Project and poster presentation category, Devendra Hiranman Wagh and his team won the first prize of Rs.1000/-. While Aatish Santosh Sasane Rs 700/-, Manoj Vijay Sonde Rs. 500/- and their teams won second and third place respectively. Pallavi Bhise received the first prize of Rs. 700/- While Vaibhav Gadhe Rs. 500/-, Vaishnavi Kale Rs. 400/- and their teams won second and third place respectively.

The prize distribution ceremony concluded under the chairmanship of Joint Secretary, Mahatma Gandhi Vidyamandir, Dr. V S More and former vice-chancellor of Nanded and Lucknow University Dr. S. B. Nimse and prizes were distributed by their auspicious hands.

On this occasion, Dr. Nimse expressed his opinion that in the current education system, it is the need of the hour for teachers to impart the required knowledge to the students and create a competent youth for tomorrow. On the occasion of prize distribution ceremony principal of the college Dr. B S Jagdale welcome the dignitaries on the dais and presented the brief report of Institution. While the coordinator Dr. V. R. Nikam presented the Report of the program LVH INNOFEST 2022. Dr. Rakesh Patil gave the brief introduction of the honorable guests and also anchored the session and Dr. Resham Bhalla proposed vote of thanks. Coordinator Dr. V. R. Nikam, IQAC Coordinator Dr. Mrunal Bharadwaj, Dr. Vinit Rakibe, Dr. Santosh Chobe, Dr. S. D. Patil, all teaching and non-teaching staff worked hard for the program a success. The program was attended by a large number of journalists, teachers, non-teaching staff, students and participant students.

Brochure LVH INNOFEST 2022



**Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nashik-3**

[Accredited with "A" grade by NAAC & Recipient of "Best College Award" by SPPU]
Certified by ISO 9001:2015

Celebrating Golden Jubilee Year 2021-2022



**GOLDEN JUBILEE YEAR
1971-2021**

Loknete Vyankatrao Hiray INNOFEST 2022 24th April

INAUGURAL GUEST

Hon'ble Prof. (Dr.) Nitin R. Karmalkar
Vice-Chancellor, Savitribai Phule Pune University, Pune.

About the College

Loknete Vyankatrao Hiray Arts, Science and Commerce College, Panchavati, Nashik, is a leading College in Nashik establishment in 1971. The present strength of more than 4500 students reflects the academic excellence of the college, which is re-accredited with 'A' Grade by NAAC and has been recognized as the "Best College" in 2016-17 by Savitribai Phule Pune University, Pune. The college possesses excellent infrastructure, highly qualified faculty who are performing creditable work in the field of research and extension are also appreciated by all the stakeholders. Through this conference, we all, therefore take an opportunity to invite the eminent academicians, delegates, researchers, industrial personnel, and students to share and exchange their knowledge and views in the field of "Innovations in Teaching, Learning, and Evaluation in Higher Education". We are very optimistic that the outcome of this conference will be very productive and shall certainly help one and all taking active participation in conference towards nation-building activities.

About the Institution

Mahatma Gandhi Vidyamandir, Nashik was established in 1952 under the dynamic leadership of Late Hon'ble Karmaveer Bhausaheb Hiray, a committed freedom fighter, an ardent educationalist, and Former Minister for Revenue of Bombay Province. His son late Hon'ble Vyankatrao Hiray, a great visionary took over the responsibility of the institution in 1961. Under his visionary approach, M.G. Vidyamandir started a number of schools and colleges imparting education from primary level to higher education, also technical and professional education. Since 1980 Hon'ble Smt. Pushpatai Hiray, Former Minister of Health, Govt. of Maharashtra, and Hon'ble Samajshree Prashantdada Hiray, Former State Minister of Transport and Protocol, Govt. of Maharashtra has been efficiently managing the institution. Hon'ble Dr. Aapoorva Hiray, Former MLC, Maharashtra State has been taking extraneous efforts to enhance the quality of education in the era of competitive globalization. At present, 110 educational institutions ranging from primary level to postgraduate and technical to professional level are operational under his able leadership. The devotional motto of the institute is "Bhujan Hitay, Bhujan Sukhay" is to provide educational facilities to the students coming from all spheres of urban, rural & tribal areas and to empower them to become successful, sensitive, and responsible citizens of the Indian Nation.

About the INNOFEST-2022

M. G. Vidyamandir's, LVH ASC college, Nashik is always being on the path towards Innovation, Incubation & Linkages which will be a great input for industries in Nashik as well as outside the Nashik for a start-up. This INNOFEST-2022 is a competition that finds out the new norms towards innovative ideas. This is also the time for innovators to think about real-world problems that give immediate solutions. Center for Innovation, Incubation and enterprise (CIIE) cell of our college going to organize INNOFEST -2022 which will be a platform to present Innovations in various fields.

The Innovation festival has essentially become our idea generation engine, but it is so much more than that, it is great for networking because we bring together so many people from so many organizations. The Innovation festival engages scholars, inventors, and innovators in a dialogue about the critical role invention and innovation play in our society. The focus is on the most eye-catching new technologies, even non-techies are welcome. The innovation festivals provide the opportunity to share ideas. Sharing a room with like-minded people is the surest way to spark new ideas. In the rapidly changing world of technology, it's even more important to have connections to the people making the latest breakthroughs. Innovation festivals are transformative events. Attending, exhibiting and sponsoring are all ways to participate in an innovation festival and they all have their own benefits. We are super excited to announce that we are organizing our INNOFEST-2022 this year. Our Innovation festival is big, loud, exciting and very unique where we gather some of the greatest and most innovative minds from the streams of Engineering, Pharmacy, Management, Arts and Humanities, Commerce, Science and Technology, Vocational units and get them to tackle real world problems together in a series of sprints.

Our Chief Patrons

Hon'ble Smt. Pushpatai V. Hiray
Chairperson

Mahatma Gandhi Vidyamandir
Nashik

Hon'ble Dr. Prashant V. Hiray
General Secretary

Mahatma Gandhi Vidyamandir
Nashik

Hon'ble Dr. Smitaa Prashant Hiray
Treasurer

Mahatma Gandhi Vidyamandir,
Nashik

Chief Organizers

Hon'ble Dr. Yogita Aapoorva Hiray
Trustee MGV & CDC Chairperson, LVH College, Nashik

Dr. B. S. Jagdale
Trustee, MGV & Principal, LVH College, Nashik

Prof. (Dr.) N. B. Pawar
Vice - Principal and Senate Member, SPPU, Pune

Dr. V. H. Rakibe **Dr. S. S. Chobe**
Supervisor- HR & Finance Supervisor
Academic and Exam

Dr. S. D. Patil **Prof. (Dr.) M. A. Bhardwaj**
Supervisor-Estate IQAC, Coordinator &
Dean, Humanities, MG V Nashik

Dr. Vasant R. Nikam
Coordinator-INNOFEST-2022
Contact No.: 9921831151

Prof. (Dr.) Resham Bhalla
Convener- INNOFEST-2022
Contact No.: 7888133244

Dr. Vishnu Adole
Co-Convener- INNOFEST-2022
Contact No.: 8007228144

Dr. Rakesh Patil
Co-Convener- INNOFEST-2022
Contact No.: 8275519056

IMPORTANT DATES

1. Last date of registration: 20th April 2022
2. Last date for any clarification: 21st April 2022
3. Date of Confirmation of participation: 21st April 2022
3. Date of Competition: 24th April 2022
4. Declaration of Result: 24th April 2022

BANK DETAILS

BANK NAME - BANK OF BARODA
ACCOUNT NO. - 97580100007605
IFSC CODE - BARB0DBADGA (5th character is zero)
ADDRESS - ADGAON NAKA, PANCHAWATI
MICR CODE - 422012021

Guidelines to the Participants

- Organization of University Level Exhibition of Projects / Poster Competition by Mahatma Gandhi Vidyamandir's L. V. H. Arts, Science and Commerce College, Panchavati Nashik.
- Only **Regular students** of S.P.P.U., Pune, and affiliated colleges are eligible to participate in the same.
- The Competition is open for the **bonafide Graduate, Post Graduate & Research students** of all University departments and senior colleges affiliated to SPPU, Pune.
- **Selection** of ideas/innovations will be based on novelty, social applicability, environment friendliness, user-friendliness, and comparative advantage over the existing similar technologies.

The Competition will be conducted for four Faculties:

Faculty of Science & Technology
Faculty of Commerce & Management
Faculty of Humanities
Faculty of Inter-Disciplinary

First Three Prizes will be from all faculties

Project/ Model :
1) 11,000/- 2) 7,000/- 3) 5,000/-
Poster Presentation :
1) 5100/- 2) 3100/- 3) 2100/-

Prizes will be given for first three selected Projects / Poster from each Faculty

Total 30 prizes
(4 Faculties X 3 Prize X 2 types) + 6

Themes for Poster/Project/ Model

- 1) Solutions to End Hunger, Achieve Food Security, Improved Nutrition and Promote Agriculture.
 - 2) Good Health and Well-Being.
 - 3) Inclusive and Equitable Quality Education.
 - 4) Gender Equality and Women Empowerment.
 - 5) Management of Clean Water and Sanitation
 - 6) Affordable and Reliable Modern Energy.
 - 7) Sustainable Economic Growth, Productive Employment and Decent Work.
 - 8) Climate Changes, its Impacts and Actions.
 - 9) Uses of Marine Resources for Sustainable Development.
 - 10) Sustainable Industry, Innovation and Infrastructure
- Besides above any theme based on Artificial Intelligence and New Technologies would be accepted

Important Instructions:

- The decision of Judges will be final
- Each team should have maximum 02 participants for Poster Competition
- Each Team should have maximum 05 participants for the Project competition
- Language of Presentation: Marathi / Hindi / English
- Every student will get maximum ten minutes only for presentation

Shortlisting of 100 best ideas/innovations from the Exhibition and Project Competitions will be Published in INNOFEST- Magazine

General Rules

- All the participants should prepare their Project/ Poster based on their own work.
- Each team presenting Project / Poster should submit the copyright form along with the registration form.
- The 2m x 2m space will be provided for assembling the project with water and electric connections if necessary.
- Each Participant must be participating in either Project or Poster competition only.
- A certificate of participation will be awarded to each participant.
- Name(s) and college identity should not be displayed on the project/poster competition.
- The last date of registration and submission of the Project or model is **20th April 2022**.
- The name of short-listed project/poster will be communicated individually by email / telephonically to the respective team on or before **21st April 2022**.
- The expenses of food and accommodation were not included in the registration fees and should be availed by the participant on their own.
- The entry fees for each team **Rs. 300/- (Rupees Three Hundred only)** for a poster presentation.
- The entry fees for each team **Rs. 500/- (Rupees Five Hundred only)** for project presentation.
- Participants could also do the **spot registration**.

Important Instructions for Registration

- The participants are required to complete "Registration" through this [Google form link](#) on or before **21st April 2022, 5.00 PM IST**.
- The participant should upload the **screenshot** of the payment filling the registration form.
- Please ensure the form is filled with your **full name** and **Institute Name** as should be reflected in the participation or merit certificates.
- Proper **email- ids** must be provided in the event of any correspondence to be made.
- A copy of your **college ID** (for graduates & postgraduates) must also be uploaded in the Google form for verification purposes.

For Registration

Google FORMS **Click Here**

To Join our WhatsApp

Group-1

Click Here





Participant Student explaining the content of her poster.



Principal Dr. B S Jagdale and Team appreciating the efforts of teachers who motivated students to participate in LVH INNOFEST 2022



Dr. V R Nikam, Coordinator, LVH INNOFEST 2022, giving the Introduction



Feedback by Student Participant



Large Gathering seen during prize distribution of LVH INNOFEST 2022



Speech of Former Vice-Chancellor of Nanded University, Dr. S. B. Nimse, during the Prize Distribution Ceremony, LVH INNOFEST 2022



Joyous Moments of Winners of LVH INNOFEST 2022 on the dais with the dignitaries.



Mahatma Gandhi Vidyamandir
LOKNETE VYANKATRAO HIRAY
ARTS, SCIENCE & COMMERCE COLLEGE
Panchavati, Nashik 422003.

Affiliated to Pune University ID No. PU/NS/ASC/018(1971)
(NAAC Reaccredited 'A' Grade)

Office : 2512924, 2628233

Web : www.lvhcollege.com

Email : lvhcollege@gmail.com

Prin. Dr. B. S. Jagdale



Ref.No.: LVH/2021-22/ 816

Date : 16/02/2022

To,
Dr. V. R. Nikam,
Dept. of Mathematics,
Loknete Vyankatrao Hiray College,
Panchavati,
Nashik 3.

Subject : Appointment as a Coordinator of INNOFEST - 2022.

As per the decision by the MGVM Management, from this academic year Loknete Vyankatrao Hiray Arts, Science & Commerce College is organizing INNOFEST - 2022, innovation based state level project competition. You have been appointed as a Coordinator for the same you are supposed to conduct this activity and submit the report of the same.

Sr. No.	Name	Designation
1	Dr. V. R. Nikam	Co-ordinator
2	Prof. Dr. Resham Bhalla	Convenor
3	Dr. R. V. Patil	Co-convenor
4	Dr. V. A. Adole	Co-convenor
5	Prof. Dr. S. B. Shisode	Member
6	Dr. Kaveri B. Bhamare	Member
7	Mr. A. B. Patil	Member
8	Mr. Ravi Wagchaure	Member
9	Mrs. Nutan Sadgir	Member
10	Dr. A. V. More	Member
11	Mr. D. K. Kannor	Member


(Dr. B. S. Jagdale)
Principal
Loknete Vyankatrao Hiray
Arts, Science & Commerce College
Panchavati, Nashik -3.

Appointment of Coordinator and other Team members, LVH INNOFEST 2022



महात्मा गांधी विद्यामंदिर संचलित

लोकनेते व्यंकटराव हिरे कला, विज्ञान व वाणिज्य महाविद्यालय, पंचवटी, नाशिक-३

सावित्रीबाई फुले पुणे विद्यापीठ संलग्नित

(नॅक पुनर्मूल्यांकन अ श्रेणी व सा.फु.पुणे विद्यापीठ आदर्श महाविद्यालय पुरस्कारप्राप्त)



सुवर्ण महोत्सवी वर्ष २०२१-२२

संस्मृत निर्ममता

लोकनेते व्यंकटराव हिरे इनोफेस्ट २०२२

कर्मवीर भाऊसाहेब हिरे आंतरमहाविद्यालयीन राष्ट्रीय वादविवाद स्पर्धा २०२१-२२ (वर्ष ४९)

राज्यस्तरीय आंतरमहाविद्यालयीन साहित्य लेखन कार्यशाळा व प्रस्तुती

उद्घाटन सोहळा
रविवार, दिनांक २४ एप्रिल २०२२ रोजी सकाळी ११.०० वाजता

कार्यक्रमाचे अध्यक्ष

शुभहस्ते

मा. डॉ. प्रशांत व्य. हिरे

माजी परिवहन व राजशिष्टाचार राज्यमंत्री, महाराष्ट्र राज्य,
जनरल सेक्रेटरी, महात्मा गांधी विद्यामंदिर, नाशिक

मा. डॉ. नितीन करमळकर

कुलगुरु,
सावित्रीबाई फुले पुणे विद्यापीठ

प्रमुख अतिथी

मा. डॉ. अभय वाघ

संचालक, तंत्रशिक्षण विभाग,
महाराष्ट्र राज्य

मा. प्रा. डॉ. दिलीप उके

कुलगुरु,
मा. राष्ट्रीय विधी विद्यापीठ, मुंबई

मा. डॉ. गंगाधर शिरुडे

कुलगुरु,
श्री बालाजी विद्यापीठ पुणे

मा. प्रा. डॉ. एकनाथ खेडकर

उपाध्यक्ष,
अजिंक्य डी. वाय. पाटील विद्यापीठ

मा. डॉ. एस. बी. निमसे

माजी कुलगुरु,
नांदेड व लखनौ विद्यापीठ

मा. डॉ. प्रफुल्ल पवार

कुलसचिव,
सावित्रीबाई फुले पुणे विद्यापीठ

मा. डॉ. पराग काळकर

अधिष्ठाता वाणिज्य व व्यवस्थापन विद्याशाखा,
सावित्रीबाई फुले पुणे विद्यापीठ, पुणे

मा. मनोहर चासकर

अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा
सावित्रीबाई फुले पुणे विद्यापीठ, पुणे

निमंत्रक

डॉ. योगिता अपूर्व हिरे

अध्यक्षा, महाविद्यालय विकास समिती, लो. व्य. हिरे महाविद्यालय, नाशिक
व विश्वस्त म. गांधी विद्यामंदिर नाशिक

डॉ. बी.एस. जगदाळे

प्राचार्य

मा. विश्वस्त, संचालक, अधिष्ठाता महात्मा गांधी विद्यामंदिर नाशिक

उपप्राचार्य, पर्यवेक्षक, सदस्य, महा. विकास समिती, प्राध्यापक, शिक्षकेत्तर कर्मचारी व विद्यार्थी, लो. व्यं हिरे महाविद्यालय
कार्यक्रम स्थळ :- लोकनेते व्यंकटराव हिरे कला, विज्ञान वाणिज्य महाविद्यालय, पंचवटी, नाशिक-३



संस्थापक

समरूप व पारितोषिक वितरण समारंभ



लोकनेते व्यंकटराव हिरे इनोफेस्ट २०२२

रविवार, दिनांक २४ एप्रिल २०२२ रोजी दुपारी ४.३० वाजता

प्रमुख पाहुणे

मा. डॉ. सर्जेराव निमसेमाजी कुलगुरु,
नांदेड व लखनौ विद्यापीठ**डॉ. मनोहर चासकर**अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा,
सावित्रीबाई फुले पुणे विद्यापीठ, पुणे

अध्यक्ष

मा. डॉ. व्ही. एस. मोरे

सहसचिव, महात्मा गांधी विद्यामंदिर, नाशिक

कर्मवीर भाऊसाहेब हिरे आंतरमहाविद्यालयीन राष्ट्रीय वादविवाद स्पर्धा २०२१-२२ (वर्ष ४९)

मंगळवार, दिनांक २६ एप्रिल २०२२ रोजी दुपारी ४.३० वाजता

प्रमुख पाहुणे

मा. आ. नरहरी झिरवाळउपसभापती,
महाराष्ट्र राज्य विधानसभा**मा. अच्युत गोडबोले**

ज्येष्ठ अर्थतज्ज्ञ

मा. डॉ. राहुल रनाळकर

संपादक, दैनिक सकाळ, नाशिक

अध्यक्ष

मा. डॉ. अपूर्व हिरे

समन्वयक, महात्मा गांधी विद्यामंदिर, नाशिक

राज्यस्तरीय आंतरमहाविद्यालयीन साहित्य लेखन कार्यशाळा व प्रस्तुती

बुधवार, दिनांक २७ एप्रिल २०२२ रोजी दुपारी ४.३० वाजता

प्रमुख पाहुणे

मा. विजय सोनवणेसदस्य, व्यवस्थापन परिषद,
सा. फु. पुणे विद्यापीठ, पुणे**मा. मिलिंद कुलकर्णी**

संपादक, दैनिक लोकमत, नाशिक

मा. डॉ. संतोष परचुरेसंचालक, विद्यार्थी विकास मंडळ,
सा. फु. पुणे विद्यापीठ, पुणे

अध्यक्षा

मा. संपदा (दिदी) हिरे

विश्वस्त, महात्मा गांधी विद्यामंदिर, नाशिक

LIST OF WINNER PARTICIPANTS, LVH INNOFEST 2022

INNOFEST -2022.RESULT SHEET		
WINNERR RANKING	NAME OF THE WINNER& COLLEGE ADDRESS	CASH PRIZE
OVERALL PROJECTS		
WINNER.1.	SHUBHAM ASHOK BHOSLE & GAURAO DEORE,SHAHID LATIF & VINOD PATIL (M G Vs. Pharmacy College Malegaon)	Rs.11,000/
WINNER.2.	GARIMA D. SALUNKE & NEHA CHANDAILIYA (L VH COLLEGE NASIK.)	Rs.7,000/
WINNER.3.	DEORE SHREYA VINOD & TEAM (L V H COLLEGE NASIK.3.)	Rs.5,000/
POSTER OVERALL PRESENTATION		
WINNER.1.	KHAN REHANA ABDURREHMAN (L V H COLLEGE NASIK)	Rs.5,100/
WINNER.2.	SAWANT PRACHI RAJESH & BORSE SWAPNA MADHUKAR (M.S.G. COLLEGE MALEGAON CAMP)	Rs.3,100/
WINNER.3.	MASAM NARSHILAL VASAMI (K K WAGH COLLEGE SARASWATI NAGAR NASIK.)	Rs.2,100/
ALL FACULTYS PROJECTS		
WINNER.1.	AHIRE SHUBHAM VIJAY. (M SG College Malegaon Camp.)	Rs.3,100/
WINNER.2.	PRITAM PATKAR ,ONKAR DINDORE, NIKHIL POTDAR & APARNA LOKARE. (AISSM COLLEGE OF PHARMACY PUNE.)	Rs.2,100/
WINNER.3	PAWAR DEOYANI VILAS (L V H COLLEGE NASIK)	Rs.1,100/
WINNER.4	MRUNAL MOTE, LOHKARE PALLAVI (NEW ARTS COLLEGE AHEMADNAGAR)	Rs.500/
SCIENCE & TECHNOLOGY POSTER PRESENTATION		
WINNER.1.	KHAN REHANA ABDURREHMAN & DHAGE POONAM SHALIGRAM (LVH COLLEGE NASIK.)	Rs.1500/
WINNER.2.	KHAN RUKHSANA ABDURREHMAN & SUMARAO KIRAN BHAGWAN (LVH COLLEGE NASIK)	Rs.1,100/
WINNER.3	RUTIKA MAHAVIR MUTHA & YASH YOGESH POKARNA((SNJB. COLLEGE OF PHARMACY CHANDWAD)	Rs.700
WINNER.4	JANHAVI CHAVHAN & SANKET MORE. (MET, PHARMACY COLLEGE NASIK.)	Rs.500/
COMMERCE & MANAGEMENT,HUMANITIES,INTERDISCILINARY PROJECTS		
WINNER.1.	MASAM NARSHILAL VASANI (K K WAGH COLLEGE SARASWATI NAGAR NASIK,	Rs.1500/
WINNER.2.	KUMKUM PANDE & SHILPA JADHAV (L V H COLLEGE NASIK)	Rs.1,100/
WINNER.3.	SIDDHI VINOD WANKHEDE & DHANAJAY RAUNDAL	Rs.700

Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Sci. & Comm. College,
Panchavati, Nashik

Feedback Form for Participant Student सहभागी विद्यार्थी अभिप्राय

Name of Participant Student (सहभागी विद्यार्थ्याचे नाव): Pranita Chandrakant Wani Class(वर्ग) T.Y.B-Pharm

Name and Address of College (महाविद्यालयाचे नाव व पत्ता): MGV'S SPH college of pharmacy,
Malegaon camp, Malegaon, Nashik.

Contact No.(संपर्क क्र.) : 9067474062 E-Mail (इमेल): wanipranita2@gmail.com

Name of Competition in which you participated (सहभाग घेतलेल्या स्पर्धेचे नाव): Loknete Vyankatrao
Hiray INNOFEST-2022 (Project competition)

***** Your Opinion - आपले मत *****

1] How do you rate the contribution of the competition in your overall development? आपल्या सर्वांगीण विकासात स्पर्धेचे योगदान याबद्दलचे आपले मत

[A] Excellent (उत्कृष्ट) [B] Very Good (अतिशय चांगले) ☒ [C] Good (चांगले) [D] Average (साधारण) [E] Poor (ठीक)

2] Infrastructure and other facilities in the college during your competition. स्पर्धेदरम्यान महाविद्यालयात मिळालेल्या पायाभूत आणि इतर सोयीसुविधा याबाबतचे आपले मत.

[A] Excellent (उत्कृष्ट) [B] Very Good (अतिशय चांगले) ☒ [C] Good (चांगले) [D] Average (साधारण) [E] Poor (ठीक)

3] Opinion about the Faculties/Staff of the college. महाविद्यालयातील शिक्षक/कर्मचारी याबाबतचे आपले मत

[A] Excellent (उत्कृष्ट) [B] Very Good (अतिशय चांगले) ☒ [C] Good (चांगले) [D] Average (साधारण) [E] Poor (ठीक)

4] Rate the preparedness of the college for the competition: स्पर्धेसाठी महाविद्यालयाने केलेली तयारी याबाबतचे आपले मत

[A] Excellent (उत्कृष्ट) [B] Very Good (अतिशय चांगले) ☒ [C] Good (चांगले) [D] Average (साधारण) [E] Poor (ठीक)

5] Rate registration process for the competition: स्पर्धेची नोंदणी प्रक्रिया याबाबतचे आपले मत

[A] Excellent (उत्कृष्ट) [B] Very Good (अतिशय चांगले) ☒ [C] Good (चांगले) [D] Average (साधारण) [E] Poor (ठीक)

7] Rate the evaluation process of the Competition स्पर्धेच्या परीक्षण प्रक्रियेविषयी आपले मत:

[A] Excellent (उत्कृष्ट) [B] Very Good (अतिशय चांगले) ☒ [C] Good (चांगले) [D] Average (साधारण) [E] Poor (ठीक)

8] Overall rating of the Competition स्पर्धेबाबतचे आपले सर्वसाधारण मत:

[A] Excellent (उत्कृष्ट) ☒ [B] Very Good (अतिशय चांगले) [C] Good (चांगले) [D] Average (साधारण) [E] Poor (ठीक)

9] Mention at least three strong points and three weak points about the competition. (स्पर्धेच्या किमान तीन सकारात्मक आणि तीन नकारात्मक मुद्द्यांचा उल्लेख करा.)

Three strong points:- Good facilities, Good registration process, Best staff
Three weak points:- Short or small presentive place.

10] Any valuable suggestions / comments for the quality enhancement of the college:

(महाविद्यालयाच्या सर्वांगीण विकासासाठी आपल्या मौल्यवान सूचना किंवा मत) :

There is no valuable suggestions.

Date दिनांक : 24/04/2022

Place स्थळ : LVH college, Nashik

(Pranita)
(Pranita Chandrakant Wani)
Name and Signature of the student (नाव आणि सही)

Mahatma Gandhi Vidyamandir's
LOKNETE VYANKATRAO HIRAY ARTS, SCIENCE AND COMMERCE
COLLEGE, PANCHAVATI, NASHIK – 03

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ISO CERTIFIED 2015:9001

Department of Chemistry
Under the aegis of IQAC
Organizes One-day Research Methodology Seminar
On

RECENT DEVELOPMENT OF POLYMER NANOFIBERS FOR
BIOMEDICAL AND SOLAR CELL APPLICATIONS

Date: 25th August 2022

Time: 9.00 am to 12.00 pm

**Venue: New Conference Hall, MGVs Loknete Vyankatrao Hiray Arts, Science
and Commerce College, Panchavati, Nashik**

CONVENER

Dr. B.S. Jagdale

(Trustee, MGV & Principal, LVH College)

Prof. Dr. K.H. Kapadnis

(Vice Principal & Head)

Prof. Dr. M.A. Bhardwaj

(Vice Principal & IQAC Coordinator)

COORDINATOR

Dr. V.A. Adole

Organizing Committee

All Faculty members, Dept. of Chemistry



**Mahatma Gandhi Vidyamandir's
LOKNETE VYANKATRAO HIRAY ARTS, SCIENCE AND COMMERCE
COLLEGE, PANCHAVATI, NASHIK – 03**

Re-Accredited by NAAC with "A" Grade & Affiliated to Savitribai Phule Pune University
ISO CERTIFIED 2015:9001



Dr. Dinesh Amalnerkar
Former Executive Director,
Center for Materials for
Electronics Technology
(Govt. of India), Pune

Coordinator
Dr. V.A. Adole

Organizing Committee
All staff members, Dept. of
Chemistry

Department of Chemistry
Under the aegis of IQAC

Organizes One-day Research Methodology Seminar
On

**Recent Development of Polymer
Nanofibers for Biomedical and
Solar Cell Applications**



Dr. Seeram Ramakrishna
Professor,
National University of Singapore

Convener
Dr. B.S. Jagdale
Trustee, MGVS & Principal, LVH College
Prof. Dr. K.H. Kapadnis
Vice Principal & Head
Prof. Dr. M.A. Bhardwaj
Dean of Humanities, MGVS, Vice Principal &
IQAC Coordinator

Date: 25th August 2022
Time: 9.00 am to 12.00 pm

Venue:
New Conference Hall, MGVS Loknete
Vyankatrao Hiray Arts, Science and Commerce
College, Panchavati, Nashik

Avishkar competition

Date of the test: 25/11/2017

Participants: Students of PG (M. Sc.-I and II) Electronic Science and Chemistry Department

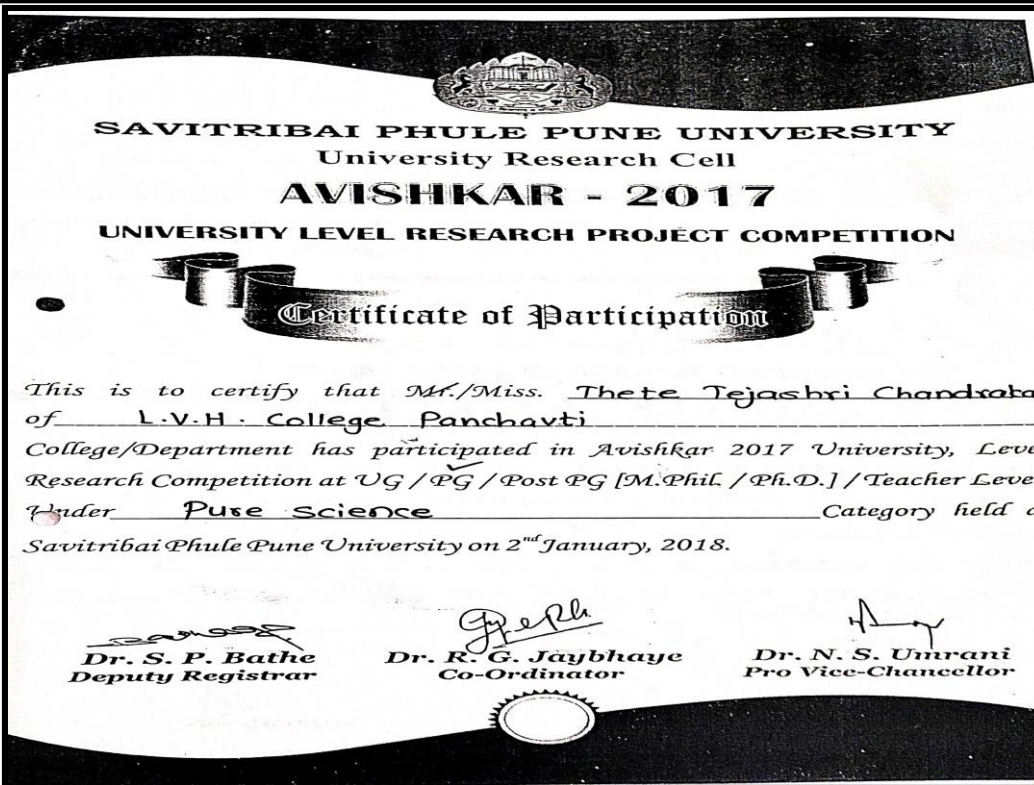
About Avishkar: Governor of Maharashtra, Shri. S.M. Krishna has initiated a novel inter university research project competition named 'AVISHKAR' in the year 2006. This activity, unique in its nature and Savitribai Phule Pune University has taken special efforts to increase the participation of the talented students from rural and urban areas. His Excellency, the then Governor of Maharashtra, Shri. S.M. Krishna has initiated a novel inter university research project competition named 'AVISHKAR' in the year 2006. This activity, unique in its nature and Savitribai Phule Pune University has taken special efforts to increase the participation of the talented students from rural and urban areas.

Savitribai Phule Pune University has won the overall championship at the state level Avishkar competition ninth times in last consecutive ten years.

Aims and Objectives of AVISHKAR: To inculcate research culture among students. To encourage original and novel thinking. To provide an opportunity for expression of academic talent. To promote interaction among academia, R & D Institutes and Industries.

Students of Department of Electronic Science and Chemistry Department had participated in "Avishkar 2017" at Zonal Level Research Competition at PG level in the Pure Science category, held at K.S.K.W., Arts, Commerce and Science College, CIDCO Nashik on 25th November 2017. Thete Teashri Chandrakant and Mali Tushar Vasudev had got the first prize in Zonal level Competition and they had eligible for participating in University level Avishkar 2017.

They had Participated in the University level Avishkar 2017 at PG, under Pure Science category held at Savitribai Phule Pune University on 2nd January, 2018



Best Practice Series 2

A Booklet of
Best Practices
(Collection of Best Practices of the Institute)



Mahatma Gandhi Vidyamandir's

Loknete Vyankatrao Hiray Arts, Science & Commerce College

Panchavati, Nashik-03, MS, India

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KARMAVEER BHAUSAHEB HIRAY

Vision

विद्या विनियोगात् विकासः

Committed towards dedicated efforts for grooming students through academic excellence with proper application of knowledge and skills

MISSION

- ❖ To blend conventional and vocational education to develop entrepreneurship skills for self-reliance
- ❖ To develop life skills of students through experiential learning
- ❖ To enhance digital competency of students to face global challenges
- ❖ To imbibe scientific temperament among students leading them to research and innovation
- ❖ To inculcate constitutional values and ethics among students for national development

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Principal

Mahatma Gandhi Vidyamandir's

Loknete Vyankatrao Hiray Arts, Science and Commerce College,

Panchavati, Nashik-03, MS, India

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Best Practices

Best Practices for Community Engagement

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Globalization of Education: The Need of Time

This is an age of science and technology characterized by globalization. Since we have impacts of globalization in every walk of life, the field of education has not been free from this impact. To meet the challenges of globalization we need to upgrade our education system. The New Education Policy 2020 is a big stride towards the globalization of education. We need to re-invent our knowledge system and expand the applicability of our knowledge. Our knowledge system seems to be stock and confined to theory only. It has hardly any applicability. The result is a lack of research and innovation. There is unemployment on the mass level. Every year we generate batch after batch of educated but unemployed youth. The knowledge they have acquired is far away from practical application and therefore, failed to generate employment. On the other hand, we do have the issue of brain -drain and Indian talent is seen in utilization globally which is not good for the future India. On this background, it's high time and we need to have a discourse with educationalists across the globe so that we can invent an integrated knowledge system. To add applicability to the knowledge we need research and innovation. Research and innovation obviously lead to development. It is a development only that can sustain us in globalization and prevent our brain drain. In the new scenario, we need to come out of the traditional framework and adopt many practices to create an integrated knowledge system. At the same time, we need to preserve traditional Indian knowledge in our native languages which has unique significance in the wave of globalization. I do hope that the Best Practices of the Institute will help us to sustain ourselves through globalization.



A handwritten signature in black ink, appearing to read "Prashant V. Hiray".

Hon. Dr. Prashant V. Hiray
General Secretary,
Mahatma Gandhi Vidyamandir

Towards the Fulfillment of our Commitment to Social Welfare and Mass Education

Mahatma Gandhi Vidyamandir is a leading Educational Institution in Maharashtra. It was established in 1952 by the Late *Karmaveer Bhausaheb Hiray*, the visionary educationalist, freedom fighter, pioneer of the Tenancy Act and sculptor of Composite Maharashtra. *Karmaveer* was inspired by the thoughts of Mahatma Gandhi and therefore, the Institute is named after him and called Mahatma Gandhi Vidyamandir. The institution is for mass education and follows the Motto of '*Bahujan Hitay, Bahujan Sukhay*' (The Welfare of Masses).

The institute has completed seven decades since its inception. The institute, keeping abreast with the time, insists on imparting traditional as well as professional education. It has been the tradition of Mahatma Gandhi Vidyamandir to avail need-based and outcome-oriented quality education. As a result of this, we take a number of initiatives that turn out to be our Best Practices. These Best Practices help us to reach out to society around and fulfill our social commitment. Our student-centric Best Practices are the initiatives to implement many welfare activities for the students. We strive all the time to promote an ambiance of Research and Development. We also contribute to the goals of Sustainable Development. It gives me immense pleasure to hand over the booklet of the Best Practices being carried out in the institute which is nothing but the fulfillment of our commitment to social welfare and mass education.



Dr. Aapoorva Prashant Hiray

Coordinator,

Mahatma Gandhi Vidyamandir, Nashik

From Principal's Desk...!

Mahatma Gandhi Vidyamandir, one of the pioneer institutes in higher education has been inspired by the noble passion of imparting education to the masses. Since 1952 the institute has been rendering valuable services to the nation by uplifting several generations of socio-economically backward and therefore, deprived classes of society. Our distinctiveness is certainly, to bring economically backward and tribal students into the mainstream of education. Following the footprints of our Founder Fathers Late *Karmaveer Bhausaheb Hiray* and Late *Loknete Vyankatrao Hiray* we are committed to bring in educational revival for radical social change.

Our institutional vision is **विद्याविनियोगात्त्विकासः** implying our commitment to the grooming of our students with the proper application of knowledge and skills. Under the guidance of Hon'ble Dr. Prashant V, Hiray, the General Secretary, Mahatma Gandhi Vidyamandir and Hon'ble Dr. Aapoorva Hiay, the Coordinator, Mahatma Gandhi Vidyamandir and Hon'ble Dr. Yogita Hiray, the Chairperson, College Development Committee we undertake a number of initiatives that avail us wide scope for proper application of knowledge and skills.

The Best Practices being practiced by the institute is one of our self-motivated initiatives to achieve the goal of proper application of knowledge and skills for the comprehensive development of our students. Our Best Practices for Community Engagement help us to develop a sense of social commitment among our students. They also help us to inculcate constitutional values and ethics among the students. Our Student-Centric Best Practices enable us to expose our students to experiential learning, entrepreneur skills, digital competency, communication and soft skills and vocational education. The Best Practices related to Research and Development foster scientific temperament among the students leading them to research and innovation. Our Best Practices to achieve the goals of Sustainable Development generate environmental awareness and empowerment of weaker sectors of society. Thus, our Best Practices correspond to our vision and serve for its effective implementation. I do believe the Booklet of Best Practices exemplifies our vision in a panoramic manner.



Prin. Dr. B. S. Jagdale
Loknete Vyankatrao Hiray
Arts, Science and Commerce College
Panchavati, Nashik-03

About the College

Mahatma Gandhi Vidyamandir's Loknete Vyankatrao Hiray Arts, Science and Commerce College, Nashik is one of the pioneer educational institutes in Maharashtra. Today with the distinguished achievement of the Best College Award of Savitribai Phule Pune University and reaccredited with 'A' Grade the college is the most acclaimed one in Nashik District. The college follows the motto of its parent institute 'Bahujan Hitay, Bahujan Sukhay (a comprehensive welfare) in its true spirit. Accordingly, it has been treading on the path directed by the founders of the institute late Karmaveer Bhausaheb Hiray and late Loknete Vyankatrao Hiray since last 50 years. The college is exclusively devoted to the education of the tribal and segregated class of the society and we have been taking every effort to bring them in the mainstream of education. Qualified and research-oriented faculty is the backbone of the college.

Along with traditional education our college provides advanced, job-oriented education to the students. The college runs the three years integrated vocational courses (B.Voc.), short-term Certificate Courses and many Add-ons and Value-added courses as well as online courses through MOOC and NPTEL Platforms. There is also 'A' Grade accredited Skill Development Centre to develop various skills of the students. To enhance the digital literacy of the students we facilitate free-of-cost computer training. We also facilitate 15 days online computer training in the regional language. We have a well-equipped library with national and international collaboration that avails multiple reference books, e-books and e-journals and vast repository of e-content.

Identifying the need of research and innovation the college has initiated 11 Research Centers in various disciplines through which 112 scholars are pursuing research in respective discipline. To develop R&D culture in the college we conducted Late Loknete Vyankatrao Hiray Inno-fest competition which proved to be a platform for innovation, incubation, linkage and startup. We have a tie up with Government projects like C-MET through which we expose our students to advanced research and avail opportunities for internship and placement.

The college has already taken measures towards the implementation of New Education Policy 2020. The college has is a center for Open and Distance Learning (ODL). We avail academic flexibility and facilitate students with Academic Bank of Credit (ABC). We also facilitate interdisciplinary, multi-disciplinary, digital education as well as preserve Indian Knowledge System and Indian regional languages through different initiatives.

We have special cells and schemes for the empowerment of the female students. Last year we could avail scholarship of Rs.16,14000 to 180 girl- students on behalf of the Malabar Gold charitable trust. Our Sports -students have landmark achievements at national and international levels. Through our extension activities we continuously try to reach out to the native society to resolve the various issues of the it. Thus, the college practices innovations, research and extension the three norms of higher education in all respect.

Best Practices for Community Engagement

1. Title of The Practice

Recognition of Noble Social Contributions through <i>Panchavati Ratna</i> Award
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Objectives of the Practice:

1. To strengthen the bond with native society.
2. To identify the noble work going on in the community.
3. To find out the relevance of the particular work.
4. To give recognition to the work through an award.
5. To bring in mainstream those who work behind the screen.
6. To set a role model of social service for the students.

The Context:

There is nothing nobler than helping out others. Service to mankind is next to the service of God. There are many good people around us. They are continuously engaged in social work. Helping others is their inspiration. They may not be familiar with concepts like social welfare, social reformation, or charitable deeds. They feel happy and content when they help others. They never expect any material gain for the work they do or publicity of their work. They are self-motivated and philanthropist in nature. They can go to any extent to help out others. They may serve the poor and needy, the patients, the old people, and whoever is in need. Their little, timely help can be of greater value as it can change and transform the lives of many. Every year the institute tries to identify the noble social contribution of the good people and gives it recognition through *Panchavati Ratna* Award.

The Practice:

The *Panchavati Ratna* is a distinguished award sponsored by the institute. It consists of a bouquet and Memento. The *Panchavati Ratna* Award is conferred on social workers with exceptional work that has a positive impact on society. The college is situated in the area called *Panchavati*. It is a sacred place on the bank of the river Godavari. It is also a part of old Nashik with a collection of temples and antique buildings. The award is named after this area and is called *Panchavati Ratna*. This part of the city seems to be away from the impact of modernization. The people from this area believe in traditional and basic human values. Therefore, they undertake many welfare activities. Unfortunately, their activities remain unnoticed and their work unrecognized. There is a provision of

recognition for such activities at the state /central level. But it requires a long procedure. The people working at the ground level are not even aware of it. As a result, many philanthropists remain unnoticed and their work unrecorded in the course of history. Their work is very significant. It has played a crucial role in a particular span of time. The institute makes an attempt of mapping the dedicated work of these people and recognizes it through *Panchavati Ratna* Award. Some of the recipients of the *Panchavati Ratna* Award are as follows.

Mrs. Sunita Rajendra Patil is the recipient of *Panchavati Ratna* for the year 2016-17. She is a female curator of *Panchavati Amardham* a Hindu crematorium in Nasik. Indian society is still an orthodox one and does not allow females to participate in funeral rites. Despite of this Sunita Tai has continued her work and now she is well accepted for her work. She does all the necessary rites and rituals of the dead body till the last rites of the cremation. *Panchavati Amardham* is adjoining the institute; the institute decided to recognize this work going on in the proximity and felicitated Sunita Tai with *Panchavati Ratna* Award for her noble work.

Mr. Vilas Shinde, the Founder of *Sahydri* Farm has remarkable contribution to the field of agriculture. *Sahydri* Farms is popular for its organic products. Mr. Vilas Shinde has given a sustainable model of farming to the farmers with the assurance of safe and quality food to the customers. Mr. Shinde introduced the concept of organic farming and inspired youth to undertake the job of farming. At the same time, his organic farming has stopped the migration of the farmers in the urban areas and extended dignity to their work. Taking into consideration the radical work of Mr. Shinde the institute has felicitated him with *Panchavati Ratna* Award.

Mr. Arun Ingle is a former student of the institute and the recipient of *Panchavati Ratna* award for the year 2018-19. Mr. Arun Ingle is a celebrity in *Marathi* cinema. He has a multifaceted personality with a number of talents. He is an orator, composer and singer, painter, actor and social worker. The youngsters have a fascination for celebrities. With his multifaceted talents, Mr. Arun Ingle served a very good role model for the students.

Mr. Ravindraji Naik, the alumni of the institute and District Sports Officer has a unique contribution to the Sports Facilities and availing Sports grants for the Nashik District. He has totally changed the Sports Scenario of the Nashik region through various initiatives. Mr. Balasaheb Sanap is also one of the recipients of *Panchavati Ratna* Award. Mr. Sanap is political personnel notable for his contribution to the socio-political fields and undertaking many welfare activities for the native society.

Thus, the institute recognizes the noble work going around and brings these social workers into the limelight. By identifying their social services, the institute tries to set a role model for our students. The practice has far reached significance as we wish to shape the young minds for social services.

Evidences of Success

The role models recognized by *Panchavati Ratna* Award are specifically inspiring for the students engaged in the extension activities of NSS, NCC and Board of Student Development. The students of the National Service scheme directly work on the social field. They get sensitized to the various social issues for which *Panchavati Ratna* Awardees have worked. Thus, they work with great commitment on NSS front whether it is Cleanliness Campaign or any other mass education program like health and hygiene, drug addiction and eradication of superstition. It needs an inspiration and role model to carry out any social activity successfully. With the help of these role models our NSS activities do not become prescribed mechanical ones but meaningful in the true sense of the term. Similarly, the awardees do serve to add to the spirit of patriotism for NCC students. For the Board of Student Development, the awardees serve as an illustration of hard work.

Apart from the social work the awardees also serve as role model for the career options. They do serve to broaden the perspectives of our students who now just don't think about the traditional career opportunities but are motivated to explore new and better opportunities that will lead not only the personal welfare but the welfare of the society they belong to.

Problems Encountered and Resources Required

The main problem that we faced is to evaluate and identifying the noble social work. For this every year we undertake a survey to be able to know the noble work done by the people. As this work is not a recorded one, we need to collect data orally and visit the concerned people personally which seems to be a challenge. Every year we get a surprising number of people engaged in different social activities. In this case, shortlisting and evaluating the activities is again a challenge. However, a team of faculty does this work impartially and takes every care so that the right person should be selected for *Panchavati Ratna* Award.

Notes (Optional):

Nil

2. Title of The Practice

Contribution of the Faculty to the Government-Sponsored Projects

Objectives of the Practice:

1. To fulfill the commitment to social service.
2. To extend a helping hand in the government projects of Mass Education.
3. To share knowledge and expertise in the field with the society around.
4. To contribute to the shaping of the generation next.
5. To contribute to the goals of Sustainable Development.

The Context:

The Government of India as well as the State Government introduces many welfare schemes/projects for the upliftment of the masses and the weaker sections of society. These schemes are designed by the authority at the higher level. They are the outcome of the policies that are based on study and research. These schemes are carefully drafted by scholars. Thus, the schemes are well-planned and seem to be fruitful in their target. But there is always an issue with the execution of these schemes and most of the schemes do not reach the people for whom they are conceived. As a result, the schemes without being executed properly remain only smart paperwork. Some of the schemes are executed but only partially without a much-expected outcome. To overcome this lacuna and to contribute positively to social welfare the faculty in the institute contributes to the execution of Government sponsored schemes/projects.

The Practice:

The Atal Tinkering Lab is an initiative of Atal Innovation Mission, Government of India. It aims to foster curiosity, creativity and imagination in young minds. In the modern education system, the Atal Tinkering lab stands for a room where students can learn, experiment and conceptualize the theory. The main focus of ATLS is STEM (Science, Technology, Engineering and Math). The faculty in the institute is actively involved in the Atal Tinkering Lab Project of the Government of India. Dr.Kaveri Bhamre, Dr. Anil Patil, Dr. U. P. Shinde and Dr. J.M. Shewale work as the Advisory Members of Atal Tinkering Lab for different Schools. As the Advisory members of ATL they moderate the functioning of these labs according to the norms of Atal Innovation Mission. They also give their valuable suggestion regarding the execution of the Activity calendar prescribed by the mission. They also arrange field visits of the students of the institute to these labs. During the field-visit, the students of the institute help out the school students to do the scientific experiments. In

some cases, they also make the fulfillment of the instruments lacking in the lab. The field visits also serve as experiential learning for our students. Dr. Mrunal Bharadwaj worked as an expert member of Uniform Workload assignment committee of State of Maharashtra and syllabus framing (translation) committee by MPSC.

The second Government sponsored project is for Research and Development. The institute has a collaboration with the Centre for Material for Electronics Technology (C-MET) Pune. The C-MET is basically a Research and Development scheme under the Ministry of Electronics and Information Technology (Meity) of the Government of India. The faculty of the institute Prof. Satish Ahire works as a local coordinator of C-MET. The aim of the collaboration is to motivate the Research and Development culture in the weaker sections of the society such as women and SC/ST students. The institute in collaboration with C-MET makes the students aware of the areas with the potential for research and thereby development of the society. Many activities such as student exchange, online/offline lectures of renowned scientists and scholars, workshops and seminars have been organized through the collaboration. The institute looks ahead for MoU with C-MET for student training and placement. We also wish to establish a sub-center of C-MET at Nasik for the convenience of the local students.

Prin. Dr. B.S Jagdale, the Head of the Institute worked as the Nodal Officer for the New Education Policy 2020. Being the Nodal Officer, he played a crucial role in the framing of the NEP 2020. He organized the discussion sessions with delegates from different fields, Senior Government Executive Officers, Education Officers, Industrialists, Principals of the colleges, Students, Parents and Educationalists. He also conducted webinars to orient the different stakeholders of the New Education Policy 2020. He conducted consultation meetings with them and collected their suggestions, expectations and requirements. He compiled all the suggestions of various stakeholders and communicated it to the Directorate of Higher Education, State of Maharashtra.

Evidence of Success:

All the Advisory Members of the Atal Tinkering Lab visited the schools where they have been appointed and examined the labs carefully and gave the necessary suggestion for the effective implementation of ATAL Calendar and projects. Dr. Anil Patil organized a field visit of the PG students at ATL in which 30 students participated actively.

Many online and offline lectures of renowned scientists on different technical issues have been arranged on behalf of C-MET for the students of the institute. Two students of the institute participated in the Five-Day workshop conducted by C-MET-Pune at Krishna Institute of Medical Science. Nine students participated in the One Day Workshop on Battery Fabrication and

Modification Demonstration. Three students have been selected for an internship at C-MET, Pune and will join the C-MET soon.

Prin. Dr. B. S. Jagdale interacted with many agencies to get valuable feedback and suggestions for the framing of the NEP -2020.

Problems Encountered and Resources Required

As the faculty did their jobs willingly there were fewer problems encountered by the faculty. However, time constraint has been a persistent problem. The faculty of the institute have to spare extra time for the work. As all the above-mentioned projects are based on the collective efforts of different agencies involved, coordination of the different agencies in a specific time frame has been the problem encountered by all faculty.

Notes (Optional):

3. Title of the Practice

Revival of Gandhian Ideology through Gandhian Study Center

Objectives of the Practice:

1. To acquaint the new generation with Gandhian Thoughts.
2. To cultivate young minds with good impressions.
3. To generate patriotic spirit through the memories of the Indian Freedom Struggle.
4. To develop a strong sense of Nationalism.
5. To imbibe Constitutional Values and Ethics among students.
6. To improve the Spiritual Quotient of the students

The Context:

The modern age is characterized by stress and anxiety. It leads to many social evils. The use of bad words and swearing is common practice among the youth. It seems that the youngsters have very low levels of tolerance and they express their anger and unrest continuously through the use of bad words that create indirect violence. Domestic violence is still a more serious issue to be addressed. Every day we get new forms of violence like religious riots, mob lynching or honor killing. It seems that we need to work on the spiritual quotient of the modern generation. Mahatma Gandhi was an upholder of peace, truth and non-violence. By practicing non-violence Gandhiji achieved the title of Mahatma-the great soul. The Gandhian ideology is accepted all over the world. The Gandhian Study Center tries the revival of the Gandhian Ideology and to teach the values of truth and non-violence to the students.

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The Practice:

The institute has a Gandhian Study Centre under UGC Epoch Making Scheme. The aim and objective of the Gandhian Studies Centre is to revive Gandhian thoughts in the modern age and propagate them by practicing them in day-to-day life. At present, the study center has a well-equipped library containing 400 books on the Life and Thoughts of Mahatma Gandhi. There are audio-visual CDs throwing light on the thoughts of Mahatma Gandhi. The center has a collaboration with Gandhi Tirtha Centre, Jalgaon. Through this collaboration, the center could avail a collection of articles associated with Gandhiji such as the idol of Gandhiji, Photo-frames, Posters, images and the popular *Charakha* of Gandhiji. There is a separate section in the Department of History that displays these images, photographs, posters, books and the other things exclusively associated with Mahatma Gandhi.

The center conducts various activities throughout the year to inculcate Gandhian thoughts in young minds. Essay Writing Competition is one of the activities. Many Students participate in this competition and write essays throwing light on different facets of Gandhian philosophy. Later on,

these essays are published in the form of manuscripts. Every year on the occasion of the birth anniversary of Mahatma Gandhi a Three-Day Guest Lecture Series is arranged on the thoughts of Mahatma Gandhi. The focus of the series is the life and thoughts of Mahatma Gandhi. Various eminent personalities, social workers and Gandhian thinkers are invited to deliver lectures on the life of Gandhi. The Exhibition and Poster Presentation Competition is arranged in which the students prepare posters on the life of Mahatma Gandhi as well as many historical events in which Mahatma Gandhi had crucial participation. The exhibition displays a gallery of articles that are typical to Gandhiji. Every year the center arranges a One Day Workshop on Gandhian Thoughts to cherish the memories of the popular historical event *Dandi Yatra*, the Salt March conducted in March 1930. There is also an Elocution Competition arranged on the topic The Way of Life of Mahatma Gandhi to orient students about the simple lifestyle of Gandhi. To have feedback on the impact of Gandhian thoughts on the minds of students, an examination is conducted on behalf of Gandhi Tirtha Centre Jalgaon. Several students appeared for this examination. The study Centre has been honored with a Certificate of Merit and Appreciation by Gandhi Research Foundation Jalgaon, for its outstanding contribution to the propagation of Gandhian thoughts.

Recently the Gandhian Study Center in collaboration with the Department of History and Board of Studies (SPPU) organized a Three-Day International e-conference on Platinum Jubilee of Indian Independence: Relevance of Gandhian Ideology. Shri Tushar Gandhi, a social activist and the great-grandson of Mahatma Gandhi, Gandhian thinkers Dr. Beedun Abha, Mrs. Neeshi Heeroo Luximon (Mauritius) and Gandhian follower Shri Mukund Dixit worked as Resource Persons for the conference. Many researchers have contributed to the conference with their research papers which were later on compiled and published in the form of e-book.

Evidences of Success:

The Gandhian study center reinforces the fact that the institute is named after Mahatma Gandhi and follow Gandhi in spirit through its motto of *Bahujan Hitay Bahujan Sukhay* (welfare of masses). Every year about 200 students enrolled in the Gandhian study center from all three streams of the institute. They enthusiastically participate in all the activities of the center. Now they are fairly sensitized to the concept of truth and non-violence. They are inspired by the literature and films on the life of Mahatma Gandhi. The concept of civil disobedience seems to be very popular among them. Now instead of re-acting the situation they respond in Gandhian manner. They have a fascination for the way of life of Mahatma and like to practice it as far as possible in day-to-day life. It has directly affected their study and mindset. The students are sensitized to the Indian freedom struggle and they have a strong sense of patriotism and nationalism. It has been observed that the students have a special fascination for the *Charkha*. They eagerly wish to try and weave on *charkha*. The students like to interact with resource persons inspired by the Gandhian ideology. The Gandhian Study Centre has published e-book entitled *Platinum Jubilee of Indian Independence:*

Relevance of Gandhian Ideology.

Problems Encountered and Resources Required

The Gandhian Study center works in association with the Department of History. The faculty of the department of History look after the functioning of the study center. They do the additional work of enrolling students, record keeping, and arranging various activities on behalf of the center. The center faces difficulty in getting resource persons as the passionate followers of Mahatma Gandhi are getting exhausted with time. With the advent of a new age and with the strong impact of technology it becomes very difficult to sustain the interest of the students in the Gandhian ideology. They are obviously occupied by new things and career opportunities. In spite of this fact, the Study Centre tries to make a revival of the Gandhian ideology.

Notes (Optional):

Recently the Gandhian Study Centre in association with the Department of Film Art released a Short Film Mahatma Gandhi and Nashik on the occasion of the Birth Anniversary of Mahatma Gandhi. The study Center has conducted online International Quiz Competition with 3600 participants.

Student-Centric Best Practices

4. Title of the Practice:

Annual Publication of *Marathi Poetry Manuscript 'Palavi'*

Objectives of the Practice:

1. To avail a platform to the students to express their thoughts, ideas, feeling and emotions.
2. To encourage the art of creative writing among students.
3. To preserve an ancient art of manuscript writing.
4. To preserve the native mother tongue *Marathi* in an age of multilingualism and multiculturalism
5. To create a generation of *Marathi* writers who can contribute effectively to *Marathi* literature.

The Context:

In this age of information technology, the art of writing seems to vanish rapidly. Since the information regarding all fields is available on the computer and mobile screen the students have easy access to the information. As a result, students neither visit the libraries nor do they spend hours together searching and reading or taking down notes. Moreover, the shortened, symbolic language used in mobile text messages affects their language negatively. Naturally, their ability to write elaborately has been affected and they cannot write in the correct manner. As far as self-expression is concerned either they do not have appropriate words to express their feeling or they are unable to coordinate those words in a proper way. It is obvious that when they try to express themselves, they are far away from what they want to say. It seems that the new generation cannot produce creative writing with substance and good literary qualities.

The Practice:

The Department of Marathi has identified the significance of manuscript writing. Manuscript writing is an ancient art of writing. The state of Maharashtra has a rich tradition of manuscript writing. The great literary masterpieces of the earliest phases were written in the form of manuscripts. This art has played a unique role in unfolding the history of the particular period. Manuscripts are also referred to by researchers, scholars and historians as a research tool to know more about the history and related details of a certain period. As the manuscript is a handwritten script, it has a touch of individuality. Taking into consideration all the special features of the art of manuscript writing the Department of Marathi every year compiles the Manuscript of *Marathi Poetry Palavi*. The poems in the manuscript are composed by the students. The Manuscript is

compiled in the fond memory of late *Smt. Renukaajji Bhausaheb Hiray*, the earliest founder and promoter of the institutes *Adivasi Seva Samiti* and *Mahatma Gandhi Vidhyamandir*. So far, the Department has compiled 13 Manuscripts of *Palavi*. All the poems in the *Palavi* reveal the mature and objective expressions of the students on different social issues.

At the beginning of every academic year, the department conducts training sessions for the students to guide them on how to write in the correct manner. Many Poets and Literary writers are invited as Resource Persons for the training sessions. They sensitize students to different social issues and develop their social points of view. They are trained in how to think and organize their thought processes. They are also guided for expressing themselves in an appropriate literary fashion. They are exposed to great literary masterpieces and manuscripts. The training sessions prove to be very significant. They reconnect students with the traditional value system and awaken in them strong literary sensibilities. Thus, the students are inspired to express themselves on different social issues intensely but objectively.

After the initial training session, the inspired group of students is provided with the project papers to express themselves in the most beautiful way. The provision of the project papers gives uniformity to the manuscript and makes the compiling of the literary compositions attractive. The students are very much eager to contribute to the manuscript as their own compositions and handwriting is going to be preserved in the form of the manuscript. Soon the department gets a well-furnished copy of the manuscript *Palavi* with different handwriting, different thoughts and unique touch of individuality. The department also organizes the publication of the *Palavi*.

Evidence of Success

There are eleven manuscripts of *Palavi* in the department of Marathi. Each manuscript has near about 400 poems on different social issues. As the poems are composed by the students, every poem is unique in itself. The collection of the manuscript has definitely added to the *Marathi* literary output. The manuscript *Palavi* avails a platform to the students where they can express their thoughts and feelings without any inhibition. The manuscript helps to explore the subtle talents of the students. Thus, students can reinvent themselves. The manuscript *Palavi* helps to boost the self-confidence of the students. There has been a significant increase in the number of students participating in various state-level competitions. Students seem to be sensitized to different social issues. Since they are exposed to various resource persons their literary sensibilities are developed. They are acquainted with various literary forms. They seem to be more creative and research-oriented. The practice of manuscript writing has sensitized students to the concept of good handwriting. The students seem to be keener about correct and neat handwriting. The manuscript writing has proved to be an engaging co-curricular activity too.

Problems Encountered and Resources Required:

Initially, it becomes difficult to convince students that they can write. They have the misconception that it is only literary writers or poets who can write or compose a poem. So, the obvious response of the students is that they are not writers or poets. Creating confidence among the students regarding their ability to write seems to be the biggest challenge. Then there is a long process of developing their literary sensibilities and social point of view. It seems that the students are lost in the world of imagination and most of the time are subjective in expression. It is a challenge to encourage them to write in an objective manner and with social commitment. In an age of science and technology, students seem to be more occupied with technology and job-oriented courses. In the last few decades language studies have been at the back front which is a challenge to cope up with. Since training, composition, manuscript writing and publication require a long time, so time constraint is also one of the challenges.

Notes (Optional):

Nil

5. Title of the Practice:

Enhancing the Communicative Competence of the Students through Different Initiatives

Objectives of the Practice:

1. To develop the communication skills of the students.
2. To build up the confidence of the students to speak English fluently.
3. To acquaint students with LSRW skills in English.
4. To aware students of different job opportunities in English.
5. To equip students to face global challenges.

The Context:

It has been observed that the students have a phobia of the English language. They cannot communicate in English or use it for practical purposes. In spite of the fact that the English language is our National Link Language and has been in use for almost a century, the students are found lacking in communicative competence in English. The use of multimedia instead of strengthening languages seems to weaken them by availing the options of regional languages. It is true that technology has facilitated multilingualism but in reality, due to multilingualism, the student is the master of none. Students cannot speak their mother tongue without the support of English words nor can they communicate fluently in English. The language used by the present generation is a strange combination of Marathi and English. In the background of globalization, this is going to be a serious issue as it is obvious that students with good communicative competence are going to get better job opportunities.

The Practice:

The Department of English conducts various activities to develop the communicative competence of the students. A Certificate Course in English is one of the activities that help to boost the communicative competence of the students. The UG and PG students from all streams can seek admission to the Certificate Course. The Certificate course in English is developed considering the basic needs of the students. The Course aims to clear the basic concepts of the students about English Grammar. One of the reasons for the student's inability to communicate in English is the lack of systematic training in English Grammar. Due to incorrect grammar, they cannot communicate in an effective way. The course begins with the teaching of Basic English Grammar. The focus is on drilling and practice of the usage of the tenses in English where the students are likely to make mistakes. Apart from that, it covers the skills required for Business Communication i.e., notices, agenda, minute writing, applications, letter writing, dialogue writing, group discussion, email and

fax etc.

The department also conducts an Add-on Certificate course in English. Identifying the impact of the English language on all employability sectors around the world the Add-on Certificate Course in English is designed exclusively to enhance the communication skills of the students and equip them with employability skills. The lack of proper training results in incorrect pronunciation and grammar usage. Whereas, the lack of vocabulary leads to diffidence in interpersonal communication and public speech. It also affects their interview and presentation skills. These are the aspects that need intensively for employment in any sector. Since the course is task and activity based it can develop these skills in the play-way method. Thus, the Add-on Certificate Course in English aims to develop the basic competencies of the students in the English language and opens up the possibility of job opportunities for the students.

Under the Add-on Certificate Course, various task-based activities are conducted. To develop the vocabulary of the students the Spelling Bee competition is conducted. The spelling Bee is basically a competition in which the students are given a broad category of words to spell. One can be in the competition until one can spell the word correctly. Incorrect spelling eliminates students from the competition. The competition is very useful in learning to spell and developing vocabulary. Narration and recitation of a story is another exercise that helps to develop the vocabulary as well as listening skills of the students. To develop the writing skills of the students they are given training in content writing and presentation skills. To prepare students for the jobs they are given training in public speaking and interview techniques. Apart from this, the students are groomed from day-to-day teaching activities. They are continuously encouraged to participate in extracurricular activities like debating, elocution, and essay writing competitions which in turn develop their communicative competence.

Evidence of Success

The students responded positively and enthusiastically to all the initiatives taken by the department for enhancing communicative competence of the students. Every year there are 20 to 30 students from all streams admitted for Certificate Course in English for Business. Add-on Course in English also developed the language-oriented skills of the students. The students of the department participated in various competitions.

Problems Encountered and Resources Required

The department faces a number of problems in the execution of the best practice. The students admitted to the college are from rural and tribal background. They come from a background where they did not have good school facilities. Some of them even come from a place where there is only one teacher teaching all subjects. Obviously, the students do not have enough drilling in the English language in the earlier stage. When the student comes to higher education, he is mature enough and

necessary grooming becomes difficult. Since the students are from tribal background, they are reluctant to join the certificate courses. The faculty has to struggle a lot encouraging them to enroll in the course, create confidence in them and keep them motivated.

Notes (Optional):

Nil

6. Title of The Practice:

Conducting Psychometric tests and Counseling for the Personality Development and Career Advancement of the Students

Objective of the Practice

1. To identify, analyze and solve various behavioral problems faced by the students.
2. To measure the attitudes and aptitudes of the students and provide them with career guidance.
3. To generate in-depth awareness about various mental health problems.
4. To facilitate psychometric testing (Standardized Psychological Tests) for a variety of purposes.
5. To avail of personal counseling for various mental-health-related issues.
6. To boost up the confidence of the student and enable them to face global competition.

The Context:

The students' unrest is a common problem in the institute of higher education. There are many reasons for that. One of the reasons is the stress of shifting. When the students shift from schools to higher education institutes they are confused. They face certain behavioral problems such as adjustment to the new surroundings, adjustment to the peer group, and adjustment to the new syllabus and teaching faculty. At the same time, at this stage of age, they face many internal changes that lead to stress. They are unaware of their attitudes and aptitudes and many times choose the field where they have no competency. This incorrect choice may aggravate their stress. They may have a certain inherent drawback in their personality that can lead to stress. Psychometric tests help to identify different mental issues and help students to overcome them. At the same time, these tests help students to find out their temperament and choose appropriate career options.

The Practice:

In today's scenario, the role of Applied Psychology and counselling is very significant. There are various types of psychological illnesses such as stress, anxiety and depression which may have physical manifestations often resulting in maladjustment. The Psychometric tests identify thinking patterns, emotional processes and behavior patterns that may cause mental illness. They also offer a detailed evaluation of thought processes and emotions. These tests help students to measure and analyze various aspects of their personality such as aptitude, attitude, emotions, and intelligence and motivate them in the proper directions. Psychological tests are diagnostic and prognostic in nature. These tests do not give results in traditional terms like qualified or disqualified. These tests provide

fundamental information about an individual/client. In psychometric assessment, there is a series of tasks/problems that an individual has to solve. They make the clinical analysis of stress, anxiety and depression and suggest remedies to resolve the issue. Some of the important psychometric tests conducted by the Department are DAT, Raven's Progressive Metrics, Career Decision Scale by Osipov, Stress Profile by Novack, SCAT-Anxiety Scale, 16 Personality Factor Test, SWOT Analysis, WAIS, BDI, NEO and PIR. These tests can be conducted in person or sometimes in a group. All Psychometric tests have a scoring system for quantifying psychological con-sheets. The commonly used psychological tests are personality, aptitude, intelligence, occupational, creativity, and mental health.

Counseling and psychometric testing involve many steps. In the beginning, a rapport is established with the student through a brief informal but intimate dialogue. In the next stage suitable test is selected and applied. The next stage is the administration of the test with scoring. The next important stage is the interpretation of the scores as the correct interpretation leads to the correct counseling. The results are communicated and appropriate counseling is worked out.

A blend of different subjective and objective psychological tests can depict a comprehensive picture of a client's mental status. All these tests are standardized ones with assured validity and reliability. These tests provide students with a complete chart of their personalities. These tests prove to be important in career counseling. They guide students in choosing an appropriate field for their career development. These tests save the futile efforts of the students in trying other career opportunities as well as from the excess stress and frustration that may follow after the wrong choice of field in career development.

Moreover, these tests are useful for society at large. They can resolve many behavioral complex problems and can be followed closely with medication for any behavioral disorder. The counseling is provided in a systematic way with a blend of psychometric testing and the use of psychotherapies.

Evidence of success

The students are aware of the concept of mental health. They came to know about significance of Psychometric Tests and counselling. They also came to know that common health issues like stress, anxiety can be treated with psychometric tests. They are free now as the burden of psychological disorders has been removed from their mind. Now they have increased faith and rapport with the faculty of the department. With the Psychometric tests, the faculty also have targeted strategies to assist their students. Now the students can easily overcome the drawbacks of their personality like lack of confidence, inability to express thoughts and ideas, examination phobia, etc. Now they can choose a correct field that matches with their abilities and competencies. Aspiring students after going through the Psychometric tests are pursuing their careers successfully. There is psycho-literacy among the students and they seem to be more focused with increased confidence and self-esteem.

Problems encountered and Resources Required

There are a few problems encountered by the department while dealing with psychometric testing and counseling. Conducting a psychometric test is a time-consuming activity. Due to time constraints, it becomes difficult to conduct the tests frequently. Creating awareness among students to seek counseling is also one of the problems encountered. Again, there are ethical issues like secrecy and confidentiality without encroaching on the personal domain of the students/clients. The cost of the test is one more issue faced by the Department. Advanced software cannot be afforded due to its cost. The traditional paper-pencil test seems to be subjective and has its own limitations.

Notes (Optional):

Nil

7 Title of the Practice:

Collaboration with International Libraries to Broaden the Perspectives of the Students

Objectives of the Practice:

1. To avail easy access to the textbooks and reference books.
2. To facilitate students with the various resources of study material.
3. To motivate students for competitive exams.
4. To cultivate reading habits among students.
5. To develop the library as a source of education, information and recreation.
6. To facilitate virtual library for online access of the library.

The Context:

Books have been the companion of man since the time we invented the art of printing. Books have provided knowledge, information and recreation to us. The books have an exceptional ability to mold and shape the personality of the readers. They give us a new insight into almost every walk of life. The library of institute consistently strives to open up new avenues of knowledge by giving access to international libraries. It updates students with books on various subjects and current publications. If multiple reference books are available the students can study at a time different points of view and theoretical perspectives on the prescribed topics. It definitely equips students with advanced knowledge of different subjects. To update the students on the current publications and knowledge the library of the institute has collaboration with international libraries. At the same time a virtual library has been developed to give access to multiple national and international libraries.

The Practice:

The library is the soul of any higher educational institute. The library in the institute is well equipped with all advanced text, reference books and journals. The library of the institute is an enriched one that contains 69832 books and reference books., 62 print journals, 6000 + e-journals and 53216 + e-books. The library has subscribed to 21 newspapers and has a collection of 260 audio-video educational CDs. The library also has a collection of advanced dictionaries, thesaurus, word power guides, and encyclopedias on almost all subjects. There is a separate section of the books on competitive exams like MPSC, UPSC, bank and railways and all related competitive exams. The Alumni of the institute has contributed to the library with the supply of infrastructural requirements. The library has an adjoining reading room where a facility for studying reference books, journals and reading newspapers is availed to the students. The library is useful for physically challenged students too. There are 28 braille script, slate and signature balls available for blind students.

Apart from that, the library has a collaboration with the sister institute and the Library of YCMOU. The students have access to these libraries as well. At the same time, the library has collaboration with international libraries like DELNET and N-LIST through MoU. Through this collaboration, some standard online e-resources like E-PG Path Shala, National digital library and Shodh-ganga are collected and a repository of e-resources is developed. With the help of these online resources, a virtual library has been created with a separate website for it. The link to the virtual library and the e-resources is displayed on the college website. Thus, the students can access the library virtually and even away from the institute. During the pandemic, the faculty of the institute has developed e-content for the teaching-learning process. The library has created a repository of the e-content developed by faculty which is availed to the students through the virtual library as well as on the YouTube channel of the institute. All the competitive exam books are also availed to students through the virtual library. The virtual library also facilitates downloading of the e-content and sharing it through social media networks like Whatsapp and Telegram Groups. The virtual library has proved to be very useful during the Pandemic Covid19. The students could access it safely in isolation. The library avails basic facilities like syllabi of all subjects, sets of all previous question papers and Audio-visual lecture series for all subjects. The library of the institute also takes initiative in organizing Fifteen Day Free-of-cost computer training for the students.

Evidences of Success

Every day the library has been accessed by many students. Similarly, it has been accessed Virtually too by the students. The average monthly visitors are 918.33 and the daily visitors are 44.97. (Footfall average). The library has proved itself an effective learning source. Two students from the department of Economics could qualify MPSC exam and exam related to taxation by referring to the books on competitive exams available in the library. The virtual library is accessed by students almost every day. The librarian of the institute Prof. Sambhaji Vyalij has been felicitated with the Best Librarian award for his effective contribution to the library and information technology.

Problems Encountered and Resources Required

The library has to maintain different types of books. There has always been a problem of the record-keeping of the books in the library. The new books have to be recorded with bar coding. The student and staff issue register has to be maintained. So, the library always needs more human resources for total maintenance.

Notes (Optional):

Nil

8. Title of The Practice :

Skill Enhancement through Various Certificate Courses

Objectives of the Practice:

1. To bridge the gap between Traditional and the Professional Education.
2. To avail vocational training to the students.
3. To equip students to face the challenges of the world of employment.
4. To develop the entrepreneur skills of the students.
5. To sensitize students to the needs of the world of employment.
6. To generate Self- employment.

The Context:

Students' unemployment is the most challenging issue of modern times. We still follow the traditional, value-based education system. This system has a fixed framework of the syllabus which focuses on the development of attitudes and aptitudes. There seems to be a vast gulf between traditional education and the training required for the employment sector. Time has proved once and again that the traditional education system alone cannot sustain the needs of the field of the employment sector. It is far removed from the requirement of the world of employment. The prescribed syllabus and the actual practical work do not correspond with each other. Consequently, even highly qualified students do not get the proper placement. Lots of competition and fewer job opportunities add to the complexity of the situation. Catering to the needs of the employment of youth the institute facilitates them with different Certificate Courses. Thus, their vocational skills are developed and they become industry-ready.

The Practice:

To support traditional education with the requirements of the world of employment and to make the teaching-learning process more meaningful the institute has incorporated many certificate courses in the traditional education system. The focus of the Certificate Courses is to train the students for a particular job and to make them ready for the industry. The initiation of the Certificate Course is based on the survey of the local needs. The faculty in the institute identifies the local needs and designs a course relevant in the context. The syllabus of the Certificate Course is designed by the respective department and is approved by the College Development Committee. There is a separate Board of Studies to design the syllabus of the particular course. The Syllabus of the Certificate Course is a specific one with the objective of training the student for a particular job. The institute could initiate nine certificate courses in the last five years.

The Certificate Course in English for Business and Certificate Course in Soft Skill aim to develop business-oriented soft skills in the students. It also helps to develop the communication skills and writing skills of the students. Since the courses cover the topics like how to write an E-Mail and Fax, they lead to computer literacy too. The Certificate Course in Event Management equips students with formal training as to make them future managers of the event industries. The Certificate Course in Modi Script imparts training in reading and writing in Modi script. The Certificate Course in Tourism acquaints students with the role of Geography in tourism, climates and the centers of tourism. The course also makes them aware of job opportunities in the field of tourism. The Certificate Course in Apiculture encourages the self-employment of the students. It imparts scientific training in Bee-Keeping and opens up the possibilities of the self –employment. The Certificate Course in Winery is based on the local industry needs as Nasik is known as Grape-city. There is a lot of scope for entrepreneurship in the field of the winery as the winery industry can generate many employments. The Certificate Course in Web-Designing is perfectly in accordance with modern times and can generate self-employability for the youth. The Certificate course in Mathematics and GST makes students familiar with the concept of GST and opens up the job-opportunities in the financial and taxation sectors. At the end of every course, the examination based on the prescribed syllabus is conducted and certificates are issued to the qualified students.

Evidences of Success

Every year a number of students seek admission to the Certificate Course. They are acutely aware of the requirements of the world of employment. They are mentally prepared to mold themselves as per the industry requirements. Their horizons are widened. They no more contend with the traditional education only. Along with the traditional degree courses they want to support their qualification with certificate courses. Due to the tough competition in different employment sectors students prefer to have at least one certificate course to keep them ahead in the competition. Since the time-span of the Certificate course is short with targeted skill development the Certificate Courses seem to be popular among the students. Their professional skills are fairly developed. With the job-oriented Certificate Course training, it seems that the students are coming out of their comfort zones and exploring new avenues of job opportunities. The students are free from the unrest, anxiety and depression related to unemployment.

Problems Encountered and Resources Required

In some cases, it becomes difficult to identify the local needs and design a Certificate Course in the given context. Since Certificate Course is focused on the targeted skills it is the pre-requisite thing to shortlist the skills to be developed. So, the faculty involved in designing the Certificate Course is expected to have a perception of the local needs, the needs of the industry and the abilities of the students. On the basis of this, only the faculty can design a successful certificate course. Many

times, it becomes difficult to bring the three things together and initiate a successful certificate course.

Notes (Optional):

Apart from these certificate courses, the institute runs many Add-on and Value-added courses at the departmental levels. There are certain online courses availed to students through MOOC and NPTEL platforms. The local chapter of NPTEL is also registered. There is also a Skill Development Center under NSQF to develop various skills of the students. The Center has been accredited with A grade.

9. Title of the Practice:

Incentives for Learning through the Best Chemistry Student Competition

Objectives of the Practice:

1. To revise the basic concepts of Chemistry.
2. To update the subject Knowledge of the students.
3. To encourage students to apply the subject knowledge in day-to-day life.
4. To develop an ability for critical and analytical thinking.
5. To create a competitive spirit among the students.
6. To avail an incentive to motivate students.

The Context:

Chemistry is basic science. With the knowledge of Chemistry, we can understand the surrounding around us in a better way. It can explain to us the process of evolution and the origin of living organisms on the earth. The functioning of the human body depends upon the chemical mechanism which Chemistry can exemplify in the most convincing way. The whole edifice of medical science depends upon Chemistry. Chemistry is the greatest asset of pharmaceuticals. It is also used by and large in agriculture, industry, and energy generation. Thus, the knowledge of Chemistry is applicable in every walk of human life. Many times, the students seem to be unaware of the practical application of the knowledge of Chemistry in various fields. They have all theoretical knowledge only. Therefore, in order to make their basic concepts clear and to motivate them for the practical application of Chemistry, the Department of Chemistry conducts a competition of the Best Chemistry Student.

The Practice:

The Department of Chemistry has been conducting the Best Chemistry Student competition since the academic year 2010. It is conducted in the mid of the year when students are well acquainted with the discipline knowledge. Initially, the students who wish to participate in the competition are enrolled. The competition is for the final year UG students and first and second year of PG students. It is conducted class-wise and the Best Chemistry Student is selected from every class. Basically, it is a quiz competition that follows all modern and innovative methods of conducting quiz competitions. It is full of thrill and excitement also. The interest of the students is sustained till the end through different rounds of the competition.

There are many rounds in this competition that work as a filtration process to select students for the Best Chemistry Student award. The first round is a Selection Round for which a written test is

conducted. It is an objective test with 100 multiple-choice questions. These MCQs are based on the syllabus the students have studied so far. There is a negative marking scheme to evaluate the answer sheets of the students. This is the very first filter round where a considerable number of the students are eliminated as the scope of the questionnaire is vast with a negative marking scheme. Out of the Selection Round, the toppers are shortlisted and divided into teams.

The second round is the Rapid-Fire Round in which participants are supposed to answer a particular set of questions within the stipulated period of time. There is no negative marking in this round. The next is a Buzzer Round with a negative marking scheme. The team that blows the buzzer first is eligible for the answer. The next round is a Drawing Round in which the students are supposed to draw certain Chemistry related structures. The subject knowledge as well as the skills of drawing structures is assessed through this round.

The final round is the Practical Knowledge Round where basic subject knowledge, as well as the applicability of the knowledge, is tested. In this way, the students are scrupulously evaluated on the basis of their in-depth knowledge of the subject. There are cash –prizes for the winners of the competition. The winner is declared as the Best Chemistry student and is conferred with the cash prize of Rs.1000. The second runner-up is given the cash prize of Rs.500. The prizes of the competition are sponsored by the Head of the Institute Prin. Dr. B. S. Jagdale.

Evidences of Success:

The Best Chemistry Student Competition is the most popular competition in the department. The students are seen preparing for the competition right from the first year itself. The eligible students participate in the competition with great enthusiasm. The competition helps to develop their critical and logistic thinking. It also helps for the total evaluation and the department can locate the advanced learners through the competition. It also creates a competitive spirit among the students making them familiar with different techniques of the competitions. The faculty of the department gets busy setting the questionnaire as well as different sets of questions. The overall impact of this is that students are trained to digest more and more of the subject knowledge. They are sensitized to key areas and try to learn them effectively. The Best Chemistry Student competition has boosted the result of the department as the students are keenly focused on basic subject knowledge.

Problems Encountered and Resources Required

Encouraging students to participate in the competition and enrolling them in the competition is definitely one of the challenges. Though there are many students at UG and PG levels, there are a few students willing to participate in the competitions. Setting a question paper for the written test is another challenge. This question paper has to be based on the syllabus of UG and PG syllabi and yet it has to be new every time and altogether different than the earlier one which sometimes seems to be difficult. Setting questionnaires for the buzzer round is also difficult and the faculty has to be well-

studied to be able to avoid repetitions. Sustaining the interest of the students throughout the competition is also a challenge.

Notes (Optional)

Nil

10. Title of the Practice:

Mental Health Awareness through Campaigns for Mental Health

Objectives of the Practice:

- 1) To convey the importance of good mental health.
- 2) To sensitize students about various mental health issues/disorders.
- 3) To eradicate the misconceptions about mental disorders.
- 4) To aware students of the consequences of poor mental health.
- 5) To organize suicide prevention and stress-busting activities.
- 6) To generate an ambiance of positivity and creativity.

The Context:-

The modern age is characterized by stress and anxiety. The more progressive we become the more stress and anxiety we experience! We find only unrest and anxiety in today's youth which is due to multiple reasons. The stress seems to have destroyed their positivity and creativity. One of the reasons for the stress is loneliness. Though man is connected with the whole world virtually, in reality, he is all alone. The next reason for stress seems to be a lot of competition. Everybody has to excel irrespective of his/her abilities. The job opportunities are fewer and the global pandemic has still reduced them further. The quintessence of the situation is negativity, self-denial to the extent of fatal thoughts of suicide. To prevent the present generation from destruction the Department of Psychology focuses on the Mental Health of the youth and makes them aware of mental disorders and their consequences in long term.

The Practice: -

To create awareness about mental health and to communicate the significance of good mental health the Department conducts various activities throughout the year. Every year on the occasion of World Mental Health Day the Department organizes Guest Lectures and Poster Presentation Competitions. Various aspects of mental health are communicated to the students through the lectures of experts in the field. The students are acquainted with the Indian scenario regarding mental health which seems to be weaker as compared to the western countries. The students are also made aware of the legal aspects associated with mental health. Some of the tips related to positive Psychology such as resilience, stress management, time management and happiness are also shared with the students. Procrastination is one of the common issues related to mental health. Students are oriented in detail about procrastination, symptoms to identify and strategies to overcome it. On the background of the Pandemic, the department organized an online webinar on Mental Health and Physical Fitness during and after Covid19. To make the students aware of the long-term

consequences of addiction the department organized a Webinar on Youth and Addiction. The webinar was organized in collaboration with *Manas Vyasan Mukti kendra* of *Anusuya Shikshan Sanstha*. On 15th Sept. the department celebrates Suicide Prevention Day. On this day a guest lecture of a renowned psychologist is organized to orient students about emotional literacy and mental health. The students are acquainted with the causes and preventive measures for suicide tendencies. The students are also made aware of the significance of positive psychology and its role in preventing suicides. During the pandemic, the department organized a Webinar on Suicide Prevention and Intervention. The webinar proved to be the need of the time as the offshoots of the Pandemic provoked many suicides. Apart from that, the Department organizes theme-based Short –film and Poster Presentation competitions. On the occasion of Suicide Prevention Day, the students enthusiastically prepared posters on the theme 'We for Suicide Prevention'. On the occasion of Mental Health Day, the students prepared posters and short films with the theme 'Mental Health at Workplace'. There was also a poster presentation competition with the theme 'Psychology: The First Aid'. Since our institute runs a course in Psychology at the Third Year B.Sc. level the Department conducted a poster presentation competition on 'Neuropsychology' which was responded to very well by the students of Science Stream. Mental Health Day is also supported by W.H.O. The department closely adheres to the themes suggested by World Health Organization. Throughout the year the Department is keen on addressing the student's needs for counseling. The Department also has collaboration with NBA (National Association of Blind) and Multiple Disability Centre.

Evidence of success -

The positive outcomes of this practice are reflected in the changed mindset of the students. They are aware of the significance of good mental health. At the same time, they are aware of the psychological disorders and can differentiate them from traditional superstitions and taboos related to them. They seem to be more scientific and rational about mental disorders. It is psycho-education for them in the true sense. The students of the Department won 1st prize in the Psycho-Quiz *Ankoor* conducted by HPT College Nashik. The students are aware of different quotients and more alert about emotional and social quotients. The students are familiar with the concept of resilience, stress –management, and time management. They try to overcome the disorder of Procrastination and try to overcome it. It seems that the students have emotional literacy and can manage their emotions rationally. Their emotional and social quotient is fairly improved now and it is evident from the increased number of students participating in different activities organized by the department. Their response to the Poster Presentation competition is really good and students come out with novel ideas on the given themes. They seem to be more focused on their studies adopting different study techniques like meditation, and concentration. There is also an increase in self-confidence and self-esteem. They participated in *Avishkar* Competition and stood as winners at District and Zonal levels.

Problems Encountered and Resources Required -

There are a few problems encountered by the department in conducting different campaigns for Mental Health. Since the concept of Mental Health is new in the Indian context students are a bit reluctant to accept it initially. So convincing and persuading students at the initial level is a problem. Secondly, there is always a time constraint and faculty find short time in availing counseling to the students.

Notes (Optional):

Nil

11. Title of the practice:

Preservation of Ancient Indian Languages: Modi-Script

Objectives of the Practice:

1. To acquaint students with the medieval art of Modi -Script.
2. To enable students to read and write in Modi.
3. To encourage students to study medieval historical documents.
4. To explore and translate historical documents for their interpretation.
5. To develop research attitudes among students.

The Context:

The study of history has many dimensions. Interpreting ancient historical documents is one of the dimensions. The correct interpretation of history is very significant as it is the past that leads to the present and shapes the future. The incorrect interpretation of history may misguide the future course of action. The misinterpretation of history can be fatal as it can lead to the destruction of any nation. The role of a historian is crucial in the interpretation of history. The interpretation of history sometimes becomes difficult as the historical documents are mainly in manuscript form and written in Modi script which is unfamiliar to the new generation. The correct interpretation of history leads to the correct research outputs. Proficiency in Modi can avail job- opportunities and the Modi script can be used as a research tool. Therefore, it is quite important to create an awareness of the Modi script in the new generation. Identifying this context, the Department of History facilitates a certificate course in Modi Script for the students.

The Practice:

The Modi script was the main script for writing in *Marathi* from the 17th century to the middle of the 20th century. This script was used alongside the Devanagari script when the '*Balbodh*' style of the Devanagari script was promoted as the standard writing system for *Marathi*. There are a number of historical documents in Modi script and these old historical documents are very important for the study of history as well as research in history. Decoding the Modi Script can reveal the historical significance of these documents and can avail job opportunities for the students. Since the Modi Script is associated with British Rule it can unveil the colonial era and bring forth many details of the colonial period. It is also useful to decode the history of the great *Maratha King Shivaji* as the letters written by *King Shivaji* are available in Modi Script.

The Certificate Course in Modi Script run by the Department of History is of one-month duration. The syllabus of the course is designed by the faculty in the Department. It is based on the syllabus prepared by the Government of Maharashtra for the course in Modi. It also follows four-course books prescribed by the State Government. Every year this syllabus is modified and updated by the department. It is by and large a basic course in Modi Script. The focus of the course is on learning the

basic alphabet of the Modi Script, the sentence construction, reading and interpretation of the Modi script. It also aims to develop Modi Script as a research tool.

The course admits UG, PG students and scholars of all faculties. Renowned historians and scholars have worked as the Resource person for the Certificate Course in Modi Script. Dr. D. N. Tamboli, the former Vice -Principal and Head of the Department of History, Dr Anjali Vekhande, Mrs. Swati Wadekar, Prof. Ramnath Rawal (Modi Expert SPPU) have contributed to the course with their expertise in the field. The certificate course in Modi Script is a mid-term course and is conducted especially after the first semester exams. Every year about 40 students are admitted to the course. At the end of the course, a written examination is conducted and qualified students are given the certificate of qualification. The certificate course in Modi Script is one of the most useful courses as it comprises many disciplines such as language, literature, creative writing, history and research. It is an interdisciplinary course with the possibilities of job opportunities.

Evidences of Success

Every year approximately 40 students complete the Certificate Course in Training in Modi Script. The students of the Department of History seek admission for the course to develop the ability to decode Modi Script and interpret history in the correct manner. The students from the languages are interested from the linguistic and literary point of view as well as from the point of creative writing. At the end of the course, the interest of the students in Modi Script is adequately developed. They get enough proficiency in Modi Script to read and write in Modi script. The alumnus of the Department of History Mrs. Swati Wadekar works as a Resource person for Modi Script. She also works as a Research Associate and decodes Modi Script for research. As an expert in the field, she also avails study material for Modi Training. After learning Modi Script, students specifically enjoy the field visits arranged by the Department of History at the historical locations. Due to their proficiency in Modi Script, their research aptitudes are sensitized and they have research perspectives for the historical locations. The certificate that the students receive after the completion of the course adds to their qualifications.

Problems Encountered and Resources Required

The faculty do face certain problems while conducting a course in Modi Script. Designing the syllabus for the certificate course in Modi Script is one of the problems encountered by the faculty. Secondly in an age of science and technology, it seems to be difficult to sustain students' interest in the Modi script, the medieval art of writing. It is because students like to learn new and advanced knowledge. They are not sure if the medieval art of writing can do anything substantial for them. It is also difficult to get Resource persons for the course as there are a few scholars and experts in Modi Script.

Notes (Optional):

Nil

12. Title of the Practice:

Nurturing the Aesthetic Sense of Students through the Screening of Classic Masterpieces.

Objectives of the Practice:

1. To develop a suitable approach to the study of literature.
2. To cultivate the literary temperaments of the students.
3. To cultivate literary attitudes and aptitudes among the students.
4. To develop the literary sensibilities of the students.
5. To sensitize students to the artistic and aesthetic qualities of literature.

The Context: -

Literature is described as a mirror of society as it reflects the society around us. But literature is not just an imitation of human life. It is an artistic recreation. It is the delineation of human emotions, and passions as well as multifaceted aspects of the human mind and intricate human relations. It gives us a new insight into human life by projecting the joys and sorrows of it with innumerable combinations. Therefore, literature is capable of giving us a cathartic experience. The study of literature becomes more effective if the students are sensitized to the artistic and aesthetic qualities of literature. The artistic qualities sensitize us to the beauty of literary creation. The aesthetic qualities of literature make us forget the material things around us. They move us and transport us to the seventh heaven. With the aesthetic sense, the experience of reading literature becomes at once a spiritual experience.

The Practice:

The department takes every effort to cultivate the aesthetic sense of the students. The students are trained for the critical analysis of the literature right from the first year of graduation as the specialization of English begins in the first year itself. Various literary devices like figures of speech, allegory and allusions that lead to aesthetic pleasure are introduced to the students. At this stage, the students are acquainted with different forms of literature with their special features. From now onwards every form of literature is taught for its literary values. There is critical appreciation and students are made aware of the artistic and aesthetic qualities in the literary work.

Apart from that, occasionally, there is a screening of certain select classic movies so that students should be able to experience the aesthetic sense. The screening of the movies has an audio-visual effect that has the potential of a strong and lasting impact. The collection of movies includes English movies as well as a few regional movies. At the initial stage, there is a screening of the all-time classic English movie *The Sound of Music*. The movie is remarkable for its musical quality, lyricism, classical dances and the puritan theme of hard work and discipline. Since it is an all-time favorite, the

movie engrosses students, especially at the UG level. *Malgudi Days* by R. K. Narayan is often screened to give the students an experience in regional movies. Since the *Sahitya Academy* Award-winning novel, *The Guide* had been prescribed the student were given the live experience of how the fiction can be adapted for the movies by screening glimpses of the movie *The Guide*. The department has a collection of movies based on George Orwell's *Animal Farm*, William Shakespeare's *The Merchant of Venice* and *Hamlet*, Jane Austin's *Pride and Prejudice*, and Oscar Wilde's *The Importance of Being Earnest*. *Three Idiots* has been one of the favorite movies of the young generation. It is based on Chetan Bhagat's novel *Five Point Someone*. Though there is no need for the screening of this blockbuster movie yet we conduct a discussion on the original novel and its adaptation to the screen.

Screening movies can give a closer experience of life as compared to reading literature. Students can understand the varied aspects of human life in a better way. Screening movies can lead to a cathartic effect in a better way. Thus, the students are sensitized to the aesthetic qualities of the literature. They can experience the transportation typical to the aesthetic experience of the literature. Apart from this, the Department has conducted a webinar on the Adaptation of Fiction to Cinema and the webinar gave many insights into both aspects of literature.

Evidences of Success:

Screening movies can avail a number of teaching tools. It helps to develop the listening skills of the students as they keep on listening to the dialogues attentively. The listening skill can develop speaking skills by giving flexibility to language. Watching a movie with a peer group is an exciting experience. Watching movies in association with literature can help us to understand both movies and literature in a better way. It gives us new insights into the complexities of human life leading to aesthetic experiences. The aesthetic sense in literature helps us to become mature towards the problems of human life.

Problems Encountered and Resources Required

Since aesthetic sense itself is an abstract idea it is very difficult to make the students understand the concept of Aesthetic sense. With the help of a number of examples, the faculty of the department make the students understand this concept. Again, the aesthetic sense is a subjective concept and it's difficult to predict what would be one's response to a given work of art. It also depends upon an individual's ability to perceive. It is difficult to measure aesthetic sense. The whole process is based on certain assumptions which in turn become difficult to explain. Motivating students is one of the challenges, especially when movies are easily available on their mobile handsets. However, the faculty continue with the work of grooming students in all respect.

Notes (Optional):

Nil

13. Title of the Practice:

Enhancing Digital Literacy of the Students by Facilitating Free of Cost Computer Training

Objectives of the Practice:

1. To equip students with basic training in Computers.
2. To develop the interest of students in the field of technology.
3. To make students familiar with the world of computers and the internet.
4. To make students familiar with the wonders of technology.
5. To extend the boundaries of the classrooms to open up the storehouse of knowledge and information.
6. To make the students aware of the multiple possibilities of job -opportunities with digital literacy.
7. To update students on the current trends in knowledge.

The Context:

The college admits students from rural and tribal areas. It has been observed that students from rural areas are still far away from computer literacy. Due to their weaker financial conditions, they cannot afford computers. Sometimes they anyhow complete certain computer training but they seem to forget it very soon due to the lack of practice or revision. Thus, they are cut off from the mainstream of development as they do not have frequent access to technology. Moreover, in this modern age of science and technology, there is an explosion of information and computers have become almost an inseparable part of life. If one has to face global challenges and meet the need of the world of employment, one must update oneself with the current information. The computer and internet provide easy access to information. At the same time if traditional education is supported with computer literacy it can lead to better job opportunities. Taking into consideration all the contexts the college facilitates free-of-cost computer training for the students.

The Practice:

The college has been facilitating free-of-cost computer training for the students since the academic year 2011. The training is arranged in collaboration with the NGO '*Bharatiya Vidya Bhavan*', Delhi. It is exclusively for economically backward students and the weaker sections of society. There are approximately 400 hundred students getting the benefit of the free-of-cost training session. One training session is of six months in duration and there are four to five batches of students for every session. A special teacher is appointed to conduct these classes and fifteen computers are availed to

the training center. He provides training in all computer skills specifically needed in day-to-day life. There is also a special syllabus designed to meet the needs of the world of employment. The students are provided free-of-cost admission forms, syllabus, notes and study material. A separate well-furnished area is allotted to the computer training center with well- equipped computer laboratory. The computers are availed to the students for free access. Thus, the college imparts the knowledge of advanced technology along with the traditional courses very effectively. At the end of every training session, both practical and theory exams are conducted and qualified students are given certificates. Apart from this, the institute also facilitates students free of cost fifteen days Online Certificate course in Computer and its Application. This training session is organized from 1st Aug.to 15th Aug. on the occasion of the Birthday of Hon. Dr. Aapoorva Hiray, the Coordinator of the parent Institute Mahatma Gandhi Vidyamandir Nasik. It covers the basics of computers like the Internet and its Applications, Computers, G-mail, YouTube Channel, Google Drive, Microsoft Office and Microsoft Excel. The students are registered for this course through an online link. For further communication, a WhatsApp Group and a Telegram Group are created. The students can attend this Course on the Zoom app. as well as on you-tube channel of the college. At the end of the course, an online examination is conducted. The certificate course has been arranged for two consecutive years. Prof. Satish Ahire from the institute contributes as a Resource person for this fifteen-day online certificate course

Apart from this, the Board of Student Development of the college contributes to the computer literacy of the students. All the students enrolled under the Earn and Learn Scheme are assigned computer-related jobs in various departments. It includes data entry, storage, processing, report writing, project making, etc. Thus, the students can access computers and gradually become trained.

Evidences of Success:

Every year four hundred students become computer literate. For the online Certificate course, 1640 students were enrolled. They can access computers easily and with confidence. They access computers for career advancements, knowledge and information and for updating themselves with the latest trends. The various computer training certificates add to their qualification. Now students have better prospects for job opportunities. Computer-literate students have proved to be useful assistance in various computer-related departmental jobs.

Problems Encountered and Resources Required

The students admitted are mostly from rural and tribal backgrounds. In some cases, it becomes difficult to convince students about the significance of digital literacy. They always have a lack of confidence in the handling of the computer. It is a challenge to bring the students out of their comfort zone and create confidence in them in handling the computer. Availing of upgraded computers for learning purposes in the training center is also one of the challenges. Availability of electricity is also

one of the issues as the computer center continues its training all day long and throughout the year.

Notes (Optional):

As per the directives of NEP 2020, the institute avails computer training in the local regional language which is very useful for the students from the tribal background.

14. Title of the Practice:

Developing Entrepreneur Skills of the Students through Interaction with Industry

Objectives of the Practice:

1. To acquaint students with the concept of Entrepreneurship.
2. To develop communication skills and soft skills of the students.
3. To introduce the concepts of salesmanship to the students.
4. To acquaint students with different marketing strategies.
5. To develop the business and leadership skills of the students.
6. To aware students of the role of technology in the field of Commerce.
7. To equip students for new startups.
8. To open up new avenues for entrepreneurship.

The Context:

In the changing global scenario, entrepreneurship seems to be one of the command skills. Job opportunities have been reduced due to many reasons and it has become obligatory for students to find out opportunities for self-employment. It is really a challenge for rural and tribal students to have a startup on their own. There are a number of issues that are almost an obstacle for the new startup. Weaker financial background, lack of leadership qualities, lack of communication skills and lack of digital literacy are some of the issues that prevent these students from self-employment or startup. It is a need of time to make them think out of the box and motivate for the startup. There is a need for special and strategic efforts to be taken to bring these students into the field of entrepreneurship. The Department of Commerce takes special efforts to cultivate entrepreneurial skills among students by arranging live sessions with entrepreneurs.

The Practice:

The Department of Commerce identifies the need of the development of the entrepreneurship skills of the students. Every year through the 'Guest Lecture Series' the department arranges 12 to 15 lectures of renowned entrepreneurs of state and national levels. These lectures are on select current topics in the field of Commerce. The Lecture -Series avails direct interaction with the industry and develop the entrepreneurship skills of the students. Since communication is the basic skill required in entrepreneurship the topics like Communication Skills, Personality Development, Advanced Communication Skills, Soft Skills and Business Ethics are covered through the lecture on Communication Skills.

The Guest Lecture Series also focuses on target-specific career opportunities like Career in

Accounting and GST, Awareness Camps on the Share Market, Income Tax under PMKVY scheme, Capital Market and Role of SEBI and BSE, Career in Taxation, Career in Accounts, Finance and Banking, NES and Financial Literacy, Opportunities in Computerized Accounting, Trends in Share Market, GST, IGST, CGST, SGST Concepts and Implications, Commerce and Entrepreneurship Development, Capital Market Awareness, Career in Securities Market, Rural Marketing, Consumer Behavior, Green Marketing. All these lectures exposed students to job opportunities or the scope of self-employment in the field of Commerce. The Department has also conducted a Counselling Workshop on Entrepreneurship and Business Activities.

The lecture series also provide guidance for the competitive exams through the lectures on the preparation of Exams in Banking Sectors, Staff Selection, Railway Recruitment, IBPS, RBI, PO Clerk, MBA -CET, and NET/SET Exams. Occasionally the department arranges an analysis of annual Budget with a focus on self-employment opportunities. To develop the digital literacy of the students the Guest Lecture Series arranges lectures on Computer Proficiency in Accounting and Finance and Prospectus of Tally ERP-9 and Computer Accounting Tech. There are also lectures on career opportunities in parallel fields like Career in LIC, Career in Animation/VFX/Design. There are lectures also on Research Methodology and Intellectual Property Rights. All the topics covered in the Guest Lecture Series are related to the different aspects of entrepreneurship and contribute to the development of the entrepreneurial skills of the students.

The Guest Lecture Series also avails an opportunity to students to interact with the Founders, Presidents, Chairman, Managers, Executives, Directors, Chartered Accountant, Consultant, Advisors, Journalists, Trainers and Mobilizers of the various institutions like Maharashtra Chamber of Commerce, universities, educational institutes, industries and various skill development foundations. All these personnel serve as role models for the student and inspire them positively in many ways.

Evidences of Success:

Every year all the students from the Commerce stream get exposure to the Guest Lecture Series. As the series covers topics apart from the prescribed syllabus, it provides extra information to the students and adds to their knowledge. It definitely helps them to think out of the box. Through the Guest Lecture Series, the students come to know the job opportunities available in different Commerce related sectors. They also come to know about the concept of entrepreneurship and the different traits that go with it. It leads to the development of entrepreneurship skills among them. They are motivated to undertake different projects where there is scope for entrepreneurship. Two students of the department are working as Chartered Accountants with a well-established practice. Two students have their Firms of Tax Consultation and work independently as Tax Consultants. Many students have appeared for the competitive exams. Many students of the Department are doing an internship with Chartered Accountants. Few students in the Department have startups with

small-scale industries.

Problems Encountered and Resources Required

As the guest lecture series covers topics other than the prescribed syllabus it definitely requires extra effort from both the faculty and students. It also requires sparing extra time. Selection of the relevant topic, Resource Person and arranging the lecture is a strenuous process. It requires the whole team of faculty. Sustaining the interest of students is one of the challenges as students from Commerce Stream prefer to do a part- time job or attend internship trainings.

Notes (Optional)

Nil

Best Practices for Research and Development

15. Title of the Practice:

Cultivation of Research Aptitudes of the Students through Research-Oriented Activities

Objectives of the Practice:

1. To expose students to good-quality research.
2. To acquaint students with Research Methodology.
3. To make them aware of the significant research areas.
4. To train the mindset of the students for research-oriented thinking.
5. To develop abilities like analytical and critical thinking.

The Context:

In an age of science and technology, research and innovation have unique significance. Innovation has become a prerequisite criterion of the employment sectors. Candidates with innovative ideas are likely to have more job opportunities. Research is the need of time. It is the research that has solved our problems and given ease and comfort to our life. We need socially relevant research to find out solutions to the issues of modern life. Research is very much associated with higher education. Even NEP 2020 has underlined the significance of research in higher education. For the students at UG, and PG levels research appears to be an abstract idea. To explain to them the concept of research the various departments in the institute undertake research-oriented activities so that they can cultivate the research aptitudes of the students. Thus, the mindset of the students is prepared gradually by making them think critically and analytically.

The Practice:

To develop critical and analytical thinking in the students the Department of Mathematics has undertaken an activity of book review. The students were given the book and after a certain period of time, they were asked to write a review of the books that they have studied. Since the book review is evaluative in nature and brings out the full meaning and significance of the given work, it requires a lot of effort on the part of the students. Writing book reviews was a peer activity and it created a competitive spirit among the students. As the reviews were supposed to be compiled in the book format all the students were encouraged to contribute and write in a better way.

As the National Eligibility Test is mandatory for employment and research in higher education, the department has conducted a NET-SET workshop for the students and compiled the notes of the workshop in book format. It is also a motivation for research in higher education.

Exposure to Research Journals is the first step toward research. The students should know the Research Journal of the specific discipline, their title, and publishing agencies so that they can be

motivated to publish their write-up in such journals. The Department of Mathematics conducted a survey of the Journals. All the students of the department were actively involved in the survey. The finding of the survey i.e the list of the Research Journals is also compiled in the book format. The survey has exposed students to quality research articles. They came to know what goes into the making of a good research article, how to frame a research problem, how to introduce and develop it, and how to acknowledge the references, bibliography and other technicalities of the Research.

The faculty in the Department of Physics guided students in the publication of articles in reputed Journals. Under the guidance of the faculty, the students wrote research articles. They could also present their research articles at conferences.

The Department of Economics every year publishes a Manuscript *Arthavishwa* in which the research articles written by the students of the department are compiled. Every year students are guided to write on a current and innovative theme. The students collect data and develop their research articles under the guidance of the faculty which are compiled in the manuscript *Arthavishwa*. The students have written research articles on Demonetization, Good and Service Tax (GST), Economic Recession, Production and Agricultural sectors, Covid19 Impact on the Economy and the Platinum Jubilee of Indian Independence.

The department of History has introduced Modi Script and Numismatics as research tools for research in History.

Evidences of Success

The practice has its outcome as the students are trained in writing the book review. They are exposed to research journals through surveys of journals. Their mindset is cultivated for the research work and they can undertake research activities like writing a research article or presenting a research paper in seminars and conferences. Five students in the Department of Physics could publish their research articles in international journals and UGC Listed Journals. Another four students from the Department of Physics attended International Conference and presented their Research Papers. In the department of Economics, eight students contributed to the manuscript on Demonetization, 07 students prepared the manuscript for GST, 48 students contributed to the manuscript on Economic Recession, 47 to the Production and Agriculture Sector and 25 on Covid19 Impact on the Economy. The Department of History has introduced a Certificate Course in Modi Script. The department also has a collection of ancient coins and regularly arranges field visits to Numismatics Museum.

Problems Encountered and Resources Required

It seems to be difficult to make the students think beyond the traditional syllabus and evaluation patterns. Qualifying for exams with good marks is their priority. Some of the students even believe that it's too early to think about research while others take it as if research is not their area of interest. So, convincing students about good research and motivating them to research seems to be a

challenge. When the students are preoccupied with many things such as part-time jobs, and training then they cannot spare enough time for research-oriented activities. It is a long process to convince and motivate students to research. The Pandemic has affected this process negatively as students were detached for sometimes from studies and focused on job opportunities. In spite of that the faculty in the institute take every effort to bring students in research and innovations.

Notes (Optional):

The institute has appointed Academic Research Coordinator (ARC) who works as a mediator between the affiliating University and the institute and updates the faculty about different research schemes and projects. The institute has a Research Advisory Committee and renowned scholars from various disciplines and scientist are the member of the Research Advisory Committee.

16. Title of the Practice:

Developing R&D Culture through organizing Inno-fest.

Objectives of the Practice:

1. To communicate the significance of research and innovation to the students.
2. To create a supportive ambiance for the research.
3. To sensitize students to the relevant research areas.
4. To motivate students to undertake research.
5. To make students aware of the job opportunities associated with research.
6. To impart new insights into research and development.
7. To promote good quality research.

The Context:

In an age of science and technology research has a unique significance. R & D stands for the creation of new knowledge. we continuously need new knowledge for growth the development. The existing knowledge gets outdated very soon. It has to be discarded as it does not meet the requirement of the new age. Human life has changed drastically and today it is altogether different than it was in the primitive stage. And this is only due to the research and creation of new knowledge. Right from the utensils in the kitchen to the automobiles that we use to move around and the mobile phone that we use to connect with people, everything is in the phase of change. Everything is getting updated and upgraded. If we need more prosperity and luxury, we need to research. If we need a comprehensive development that can lead the social equality and social justice, we need research. The institute takes various initiatives to develop R& D culture and to promote the best quality research.

The Practice:

To develop R&D culture the institute has been taking various initiatives at different stages. Participation of the students in *Avishkar* competition is one of the initiatives. *Avishkar* is Inter-University Research Project Competition. The competition is organized exclusively to find out talented students from rural and urban areas. As a response to the *Avishkar* Competition, the students of the institute are encouraged to participate in the Competition. All the faculty in the institute guide the students with innovative research ideas for the research projects. Every department in the college deputed at least two students for the competition. Thus, every year about 30 students come out with innovative ideas for the research project for *Avishkar*. They also present posters explaining their novel ideas. All the research projects are well preserved so that they may serve as an inspiration for the next batch of students. The institute has also organized a Zonal level Workshop for the shortlisted Research Projects in 2017.

At the same time, the institute organizes seminars and webinars on Research Methodology. These seminars and webinars are for the targeted group. Many renowned research scholars and Scientists contribute to these seminars as Resource Persons. They acquaint students with the discipline-specific research methodology, the recent research trends and relevant research areas in the respective subjects. At the same time, the Institute conducts webinars on Intellectual Property Rights. Thus, the students are sensitized to the concept of Patents at an early stage. The seminars on Research Methodology and Intellectual Property rights lay down the foundation for the future research endeavor of the students.

In the academic year, 2021-22 the institute organized the late *Loknete Vyankatrao Hiray* Innofest competition. It was a huge gathering of researchers and inventors from all fields. In fact, Inno-fest was a platform availed by the institute for innovation, incubation and linkages. Inno-fest was a promise for industries in Nashik and outside Nashik for a start-up. It was also an attempt to engage scholars, inventors and innovators in dialogue for the effective solution to our problems. The competition was open for all -right from the field of Engineering, Pharmacy to Arts and Vocational units. The theme of the competition was based upon the goals of sustainable development, Artificial Intelligence and New Technology. The winners of the competition were felicitated with cash prizes. The college has a tie-up with C-MET Pune which is a government project for R&D. Through this tie-up various seminars, workshops have been arranged in collaboration for the promotion of R&D culture.

Evidences of Success:

There is an increased number of students participating in the *Avishkar* Competition. In the academic year, 2016-17 group of Post Graduate students from the Department of Psychology and Department of Botany were selected at the zonal level of the *Avishkar* Competition. The students of the Department of Psychology were the winners at the Zonal level. The college has a good collection of research projects and posters displayed in the *Avishkar* competition. The college has organized department-wise Research Methodology workshops and webinars on Intellectual Property Rights. Late *Loknete Vyankatrao Hiray* Innofest competition was responded to spontaneously by the researchers and innovators. There were 460 students who participated in the competition from all over Maharashtra. Due to the promotion of R&D Culture there are 11 Research Centers functioning in the college in which more than 112 scholars are pursuing research. There has been a considerable increase in research publications by the faculty as well as the students. The research of these scholars is going to contribute substantially to society by resolving a number of challenging issues.

Problems Encountered and Resources Required

The students admitted to the institute are from rural and tribal background. Their target in higher education is limited only to acquire degrees in the respective discipline. It seems to be difficult to

convince them about research and development. Most students pursue higher education while doing some part-time jobs. Naturally, research becomes their secondary priority. As there is no prescribed syllabus for research students are confused and hesitate to pursue research. As an impact of the pandemic students seems to be scattered and distracted from higher education. Due to a lack of job opportunities earning a livelihood has become their priority. On this background, it has become challenging to inculcate and promote research culture among the students.

Notes

The college is going to organize the late *Lokenete Vyankatrao Hiray* Inno-fest every year to get new ideas for research and development. The college is going to compile Inno-fest Magazine and the best 100 shortlisted innovations and projects from the inno-fest competition will be published in it.

Best Practices for Sustainable Development

17. Title of the Practice:

Restoration of the Ecosystem through Drives for Biodiversit

Objectives of the practice:

1. To sensitize students to the beauty and bounty of nature.
2. To awaken ecological concerns amongst students.
3. To sensitize students to Eco-system in the nature.
4. To protect the flora and fauna of nature.
5. To preserve the ecological balance of nature.
6. To prevent conservation of the natural resources.

The Context:

The well-being of mankind depends upon a sound ecosystem. There has been a lot of deterioration of the planet earth due to the massive loss of biodiversity. It has created an ecological imbalance. Global warming and sudden climate change are recurrent issues in the cycle of nature. Due to industrialization and population explosion, natural resources are getting exhausted. Man has used them greedily without a second thought for the next generation. Deforestation and urbanization have destroyed the natural habitat of the birds. The habitat of wildlife is also in danger. We could not preserve the natural landscape and seem to be altogether failed in preventing soil erosion. Plastic waste has clogged the earth. E-waste and chemical waste have affected the fertility of the land. On this background, the preservation of biodiversity is our utmost concern. Because our shelter and other needs like food, fuel, medicine and clean air depend on biodiversity.

The Practice:

To restore the ecosystem of nature the Department of Botany has established a 'Nature Club'. Through the Nature Club, the department conducts various activities that make students aware of the ecology around us. The faculty in the Department continuously encourages the students to preserve nature. To make the students aware of the flora and fauna of nature the department has undertaken the activity of the Geo-mapping of the trees on the college campus. The intention is obviously to connect the students with nature and to make them familiar with the trees and plants around them. It seems that today's generation is detached from nature as there are many things that keep them engaged. The Geo-mapping of the trees is nothing but communion with nature to increase intimacy with nature.

The next activity is a tree –plantation drive and every year the students of the department plant

different trees and saplings. Apart from that the department also arranges poster- presentation competition with the theme of Enlightenment on Different Aspects of Nature. The department has also organized various webinars to make students aware of the different issues related to the restoration of Biodiversity. The first webinar was a One Day State Level webinar on Biodiversity and its Applications. The aim of the webinar was to increase public awareness about Biodiversity through media, government agencies and NGOs. The deliberations in the webinar focused that the damage to biodiversity is always on a massive scale and the whole society has to bear the consequences of it. For a pollution-free environment, the department has organized a second One Day State level webinar on Clean Energy Resources. The thrust area of the webinar was 'Reduce, Reuse and Recycle. It has also covered the topics like energy conservation and solid waste management.

The third Webinar that the department organized was a One Day National Webinar on Ecosystem Restoration which offered students Glimpses of Biodiversity in India and insights into Ecosystem Damage and its Restoration. The fourth initiative of the department was a One Day Webinar on Wild Life Protection Act. The webinar was arranged in collaboration with the Department of Forest, Nasik. The deliberations in the webinar informed students about endangered wild species and the legal provisions to save wildlife. The department also celebrated Science Day with the theme of Plastic Ban, Sound, Air and Water Pollution. Thus, the department has undertaken many activities to restore biodiversity.

Evidence of Success:

The students with the support of the faculty have established Nature's Club and have become eco-friendly. There is Geo-mapping of all the trees on the college campus. The students are familiar with the trees and the plants around them as they have searched for the scientific names of those trees. They are now nature friendly. They know the concept of biodiversity and its significance in ecological balance. They have realized the interconnectivity and dependability of all species on the earth. They are familiar with the beautiful instances of biodiversity in India. They are aware of the rare plants as well as the endangered species of wildlife. They are also sensitized to the laws for wildlife. They are sensitized to natural resources that are getting exhausted. Now they follow three Rs of waste management. i.e Reduce, Reuse and Recycle. They explore alternate energy resources and follow the correct methods of waste management. They are keen on different types of pollution like plastic waste, air, sound and water pollution. They enthusiastically participate in poster presentation competitions and come out with innovative posters on biodiversity, pollution, rare trees, different parts of the tree, different types of leaves etc.

Problems Encountered and Resources Required:

It seems that the young generation is too occupied with technology and different gadgets. It is challenging to detach them from technology and connect with nature. It has been observed that they like to read about nature on the internet but hardly find time to go back to nature and refresh themselves through nature. It is also observed that the other priorities like assignments, submissions, research and job opportunities have a strong hold on their mind and obviously nature becomes a secondary priority. Most of the students also consider nature preservation is a leisure time activity or something related to hobby or temperament. It is difficult to convince students that preservation of nature is our priority and responsibility of every human being.

Notes:

The Nature Club has a constituted committee and periodical meeting of the committee are conducted.

18. Title of the Practice:

E-Waste Management by the Reuse of Electronic Components for Practical Kits

Objectives of the Practice:

1. To create awareness about E-waste.
2. To sensitize students about hazards of the E-waste.
3. To introduce the concept of Reduce, Recycle and Reuse.
4. To enhance the subject knowledge of the student.
5. To encourage practical application of the subject knowledge.

The Context:

The concept of waste management is fairly new in the Indian context. We have a poor waste management system and the waste is always discarded openly either by the roadside or thrown into the river water. This practice of discarding waste openly has led to many health and environmental issues. As far as health is concerned, we have been facing many epidemics since ancient times which are related to air and water-borne diseases. The rotten waste produces harmful gases that mix with the air causing breathing problems. The waste has a toxic effect due to the biodegradable gases in it. Environmental pollution is a serious issue as it has caused the clogging of the earth creating threats to the living organism on the earth. Most of the land has become infertile due to the clogging of the earth. E-Waste is particularly dangerous as it has contaminants that can lead to cancers, miscarriages and neurological damage.

The Practice:

The appropriate management of E-waste and its reuse for making practical kits has proved to be highly beneficial for the department of Electronic Science. Earlier the practical was performed manually on the Breadboard. It was a costly matter and a few students can work on it at a time. Consequently, it used to take a long time to conduct the practical sessions for all students which in turn also used to affect the teaching-learning process.

The students of the department under the guidance of the faculty re-used some of the electronic components which were supposed to be e-waste. With the help of other devices, they turned these electronic components into practical kits. They designed, developed and tested the practical kits so that they should be perfect without any drawbacks. Thus, they developed practical kits like Logic-gates, and op-amp (an operational amplifier). These practical kits made the actual practical very easy. Students can perform multiple practical on a single kit. So it became easy to conduct practical sessions for many students at a time. Similarly, there were many practical related instruments and

equipment like power supplies, CRO and computers that were out of use and lying as scrap in the laboratory. The students of the department under the guidance of the faculty worked on them and turned this equipment into working conditions. Thus, with the cooperation of the faculty and the students, the department could avail a maximum number of instruments to the students for purpose of performing practical. The students get exposure to many instruments and an opportunity to tackle them and get practical knowledge.

Through this practice, the department could avail job opportunities to the students under the Earn and Learn scheme. The Board of Student Development in association with SPPU runs the Earn and Learn Scheme for economically backward students. The aim of the scheme is to avail job opportunities to the students on the campus itself so that they earn to support themselves while learning. The Board always encourages to avail job opportunities for the students where they can learn something in a true sense. The students could earn while learning and could do substantial work which is the real objective of the scheme.

At the same time, the instruments designed by the students are very costly. Through this practice, the students could save the money spent on the purchase of these instruments. All these instruments were repaired and brought into use with minimum repairing cost.

Evidence of Success:

The immediate evidence of the success is the number of practical kits available for the students. As many practical kits are available, many students can perform practical at a time that can obviously save the time which can be spared for the teaching-learning process. By designing the kits, the students can apply the subject knowledge in day-to-day life. It was a good experience of on-field learning for the students. It was a real lesson in experiential learning also. Designing the new practical kits proved to be motivation for the creative spirit of the students and they can experience the pleasure of creativity. It also led to building up the team spirit as the students work in group. Under the guidance of one another, they experimented with the e- components. It was also an ideal scenario of mentorship as senior students guided the junior ones. It could also create a good rapport between the students and teachers. As the making of the new practical kits from the discarded components is very economical it saved the cost of purchasing new practical kits. The department could avail job opportunities to the students in the department itself which is also vocational training for the students.

Problems Encountered and Resources Required

Preservation of e-waste is the main problem that was faced by the department. Usually, we discard the waste material with the conception sooner the better. It is also hazardous to preserve the e-waste. There has been the issue of the room also as the scrap material occupies a larger place. Giving training to the students is also a challenge as it involves a risk factor. The work needs to be supervised

continuously. Giving training is an additional work and the faculty and the students have to spend extra time for the training. So, the time constraint has been a continuous problem.

Notes (Optional):

Nil

19. Title of the Practice:

Conducting Survey of the Geographical Surroundings of Nashik District

Objectives of the Practice:

1. To acquaint students with the concept of a Geographical Survey.
2. To locate the geographical boundaries of Nashik District.
3. To know the special features of the Nashik District.
4. To sensitize students to the various environmental issues faced by the Nashik District.
5. To encourage the application of subject knowledge.
6. To introduce a survey as a primary research tool for future research.

The Context:

Geography is the study of land, its features, inhabitants, physical qualities and climate. The students of geography learn all these things theoretically in the classroom. But they rarely apply their subject knowledge to their surroundings. Moreover, in subjects like Geography, there is a lot of scope for the practical application of the subject knowledge. In fact, with many climatic changes and their impacts, we need to study geography from new perspectives. The students of Geography need to be more eco-friendly exploring the surrounding around and finding out their special features. The Nashik district displays a beautiful geographical landscape. The pleasant climate of Nashik has added to its beauty. The survey is the basic research tool in geography. To acquaint the students with this basic research tool and to make them familiar with the geographical features of Nashik District the Department of Geography undertakes different surveys of the Nashik District. The students also prepare reports based on the surveys.

The Practice:

The survey of the field is the basic research tool in any research and specifically research in Geography. The survey method is based on observation and can lead to preliminary conclusions. To stimulate future research and to sensitize students to various research areas, the Department of Geography undertakes different geographical surveys of the surroundings of the Nashik district. These surveys are theme based and prove very significant in the study of different surroundings of Nashik District. They not only bring out the special features of the Nashik district but also give an insight into certain acute environmental issues like water conservation, pollution, soil erosion, climate change or the socio-economic status of the region. The surveys are based on targeted questionnaires which are analyzed and interpreted for the final conclusion. After the survey, the students write projects based on the survey and prepare posters also to highlight the findings of the surveys.

The first survey is based on the study of the dams in the Nashik district. There are altogether forty medium and large dams in Nashik District. Through this survey, they could find out the

location of the dams, their height, storage capacity and the population the dam feeds, the agricultural products depending on the dam, floodgates and the security measures of the dam.

Students also made a survey of the Water Management of the Nashik District. Through the survey, they studied different aspects of water management like different sources of water, water conservation and preservation, the wastage of water, and water pollution. They could also study the total distribution of water for agriculture, industry and for domestic use. The students also conducted agricultural surveys of the Nashik district. They came to know what agricultural products are possible in Nashik district as per the climate and the fertility of the soil of the district and therefore, typical to Nashik district.

The students conducted a Population Survey of the Nashik district. This is basically a demographic survey to find out the population size, density, age, sex ratio, death rate and birth rate of a particular area of the district. The students could do the most important survey on Land Use and Land Cover of Nashik district. Thus, they could find out the Land Use – human use of land for agricultural purposes, industry, residential and cultural purposes. They could also find out the Land Cover – the landscape, greenery, water, sand etc. The students also make a survey of the regional disparity of the district to find out the special features of the region. The students have also surveyed the tourist centers of the district and studied the scope of various opportunities there.

Evidences of Success:

A number of students from the Department of Geography have participated in the activity of survey of the surroundings of the Nashik District. There has been good team spirit built up in them as they come together in peer groups and frame the questionnaires. They frequently referred to the research questionnaires before finalizing their questionnaire. They also learned to analyze the questionnaire for the final conclusions. After the survey, they got an insight into the physical geography of Nashik. They also came to know about the socio-economic aspects of geography which adds to their knowledge of geography. There was a practical application of knowledge. The students could have experiential learning. After the survey, the students prepared projects on it and presented posters based on the survey. The department has a collection of projects and posters made by students. The students are acquainted with the research tools like questionnaires and surveys.

Problems Encountered and Resources Required:

Motivating students for research has been a problem, especially for students from rural and tribal areas. As students have to spare extra time for survey, projects, posters the time constraints have been continuous issue. During pandemic there were restrictions on conducting surveys. However, the students could conduct online survey. But, here the issue of technology seemed to dominate as the students had to learn the technology to be able to conduct online survey.

Notes (Optional):

Nil

20. Title of the Practice:

Availing User's Friendly Learning Facilities to the Physically Challenged Students

Objectives of the Practice:

1. To support the physically challenged by all means.
2. To treat disabled people with respect and dignity.
3. To assist in the educational rehabilitation of the physically challenged by availing of learning facilities.
4. To create confidence in them by boosting their morale.
5. To be a mediator to avail different facilities to physically challenged people.

The Context:

Dealing with differently able people has been a challenge for society. In fact, so far, there have been many issues like poverty, socio-economic inequality, mass education, and employment that have to be dealt with on a priority basis by our society. On this background, dealing with the differently able has been neglected. But now we have widespread awareness about the issues of the physically challenged. Our concerns for this group of society have been properly directed as instead of having sympathy for them we have to enable them and empower them. Our institute works for the educational rehabilitation of physically challenged students and avails them of all educational facilities required by them. Every year we have a few physically challenged students with certain visible or invisible deformities. There seems to be a deeper understanding in our approach to them. We all come together to empower them by facilitating them user's friendly educational facilities.

The practice:

The institute takes all efforts to avail possible facilities to physically challenged students. Every year there are an average number of 20 physically challenged students are admitted to the institute. The institute has adequate infrastructural facilities for these students. There is a ramp facility at the entrance of the college from where the students can enter in the college safely. There is one more ramp facility to have an entrance to the Commerce and Arts faculty building. For the Science faculty building, there is a facility of lift that leads to all floors where there are classes and laboratories. Thus, the physically disabled have easy access to classrooms and laboratories. The Principal's cabin and the Office is on the first floor of the building. Thus, physically challenged students can complete the admission process and related activities without any obstacles in the way. The disabled student has easy access to the principal's cabin too. Since the library of the institute is on the second floor of the building the lift facility can comfortably lead the physically disabled students to the library too. The conference hall of the institute is on the first floor where all seminars, conferences, guest

lectures of renowned speakers and all cultural programs are conducted. The physically challenged students can easily participate in all academic and cultural programs. Apart from there is a wheelchair facility which is rarely used. There is a drinking water and washroom facility on every floor for the convenience of the students.

The enriched library of the institute has user's friendly facilities for physically challenged students. There are 28 Braille Scripts, slate and signature balls for blind students. The institute's newly developed virtual library is essentially user-friendly for physically challenged students. Through the virtual library of all audio-video lectures, study material in educational CDs are availed to the students.

The physically challenged students get all support from the administrative staff. In some cases, concession in fee is availed to them. The parent institute has a scheme called *Aapoorva Dattak Yojana* (A Scheme to adopt economically backward students). The physically challenged students are adopted and mentored through this scheme. At the same time the institute avails them of all the state and central government schemes for physically challenged students.

The faculty in the institute plays a crucial role in supporting physically challenged students. The faculty have a very good rapport with the differently abled students. They try to understand the needs of these students and come together to cater to their needs. In most of the contexts, these needs are regarding the availability of the study material which is provided to them in the desired form. During the examination, as prescribed by the affiliating University, extra time is given to them to complete the paper. A facility of a writer is also availed. Thus, the institute tries the rehabilitation of these students.

Evidences of Success:

Sanket Gaikwad, a physically challenged student from Commerce Stream was adopted under the *Aapoorva Dattak Yojana* and could complete his post-graduation successfully. Two physically challenged students from the Department of Sports Sudhesh Nair and Vinay Sanap participated in Asia Deaf Cricket Cup. Both of them could complete their graduation from vocational training B.Vok. Most of the physically challenged students could complete their graduation from the institute.

Problems Encountered and Resources Required:

To support the physically challenged students mentally is a big issue. Many times the support tends to become sympathy that makes physically challenged still weaker. It needs special skill and approach to deal with these students. To give them respectable and confident life seems to be a challenge. Many a times the resources seems to inadequate and we feel the need of research and innovation to help out these people. The faculty do have better approach to these students. But the other students or the peer group being less oriented may cause nuisance for these students. Wide

spread Orientation and deep understanding is need of physically challenged students.

Notes (Optional):

In future we are going to upgrade the facilities for the physically challenged students and will try our level best to provide adequate facilities to them.

21. Title of the Practice

Gender Sensitization to Establish Equality in Society

Objectives of the Practice:

1. To inculcate the concept of male-female equality.
2. To restore respect and dignity to the female that nature has given to them.
3. To equip and empower girl-students through education.
4. To aware girl-students about the laws for females.
5. To arrange various training sessions for girl -students
6. To arrange physical check-up camps for the physical fitness of the girl-students
7. To sensitize girl-student about job opportunities available to them.

The Context:

Indian society seems to be the orthodox one with many customs and taboos. It is typically known as a male-dominant society and women have been given secondary, subordinate status. Women are also considered comparatively weaker and with less intellectual abilities. They are not assigned with important responsibilities or considered to be able to take crucial decisions. Even today when women have proved their caliber in different fields and work competently in association with men, they are side-traced or moved aside every now and then. They have to face segregation at many levels. Even today the miseries of female folk are very poignant and there seems to be no way out through them. They face many physical problems due to ill health. There has always been an issue of malnutrition as there is a lack of orientation regarding female health. Many times, they are unaware of the laws specially constituted for them. Consequently, they tolerate segregation, injustice and exploitation of all types.

The Practice:

The parent institute is cautious about the rights and status of women. To safeguard the rights of women there is Women Welfare and Grievances Redressal Cell in the parent institution. A branch of the same cell is functioning in the institute. The moderation of this cell is from the parent institution level and the cell takes every measure to restore the dignity of women. There are certain prescribed rules and regulations for the functioning of this cell that are strictly followed while executing various activities of the cell. There are two complaint boxes installed in the institute so that the girl students should have no hesitation to register their complaints if any. There are periodical meetings of the cell. The cell in coordination with the parent institute cell organizes different programs for the girl students of the institute. These programs are but short orientation or training sessions for the girl – students. These sessions basically cover the issues like health -orientation, job opportunities,

awareness of laws for women, and human rights. The Cell celebrates various days with national and international significance and orient girl-students on different issues through the guest lecture of an expert in the field. Thus, on the occasion of Doctor's Day, a talk on health issues is arranged and girls are guided about female health. On the occasion of International Child Labour Day, International Women's Day and Girl Child Day legislation related to females are communicated to the girls. To make girl-students aware of social evils like female feticide and all types of violence against them the occasions like A Day for Zero Tolerance for Female Genital Mutilation are celebrated. The cell collaborates with female entrepreneurs and arranges training sessions, job opportunities and motivational sessions for the girls -students.

Apart from this, every year on behalf of the Department of Zoology a Health Check Up Camp is arranged. Through this camp, the blood group is identified and the hemoglobin of the girl -students is estimated. The girls are also guided on the issues related to the menstrual cycle and problems of PCOD. The department has also arranged a workshop on self Defense and Sexual Harassment.

The Board of Student Development which functions in association with the affiliating University also has specific initiatives for the empowerment of the girl students. The Earn and Learn Schemes avails job -opportunities to the girl-students with simple tasks like record keeping, data entry, etc. The Board also organizes Nirbhaya Kanya workshop that avails different training sessions related to the girls. In the academic year, 2021-22 the Board of Student Development has taken an initiative to avail scholarships to the girl -students on behalf of Malabar Charitable Trust. The Board guided eligible students to fill up and upload the scholarship forms.

Evidences of Success

There are programs conducted for the girl -students throughout the year. The students get orientation on female health issues. A number of girls can identify the blood group and have an estimation of the hemoglobin. Now they are more cautious about their food habits and prefer healthy foodstuff only. They are aware of health and hygiene during menstrual cycles. They have enough orientation about PCOD and other health issues. The morale of the girl student is boosted up as they feel the ambiance around to be safe and secure. The complaint boxes are opened at regular intervals and girls are assured of proper resolution of the complaints if any. They are also aware of the social evils against them and the legal provisions for them. They are also sensitized to the various fields/job opportunities available for them. Every year 20 girls are enrolled under Earn and Learn Scheme and get financial support from the Board of Student Development. The institute could avail scholarship of Rs.16,14000 to 180 girl- students on behalf of the Malabar Gold charitable trust.

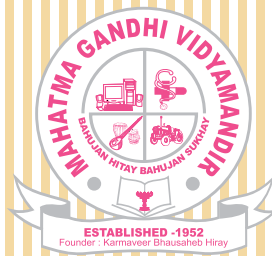
Problems Encountered and Resources Required:

It has been experienced that the girl-students many times are under the impact of patriarchy, society or traditional religion. They believe that they are secured in the traditional bonds and unwilling to

open up the new avenues availed to them through the different training sessions conducted by the Women Welfare and Redressal Grievance Cell. They have to be convicted about their rights, ill-health, exploitation or injustice against them. Again and again, they have to be oriented about the complaint box or anti -ragging rules or regulations. It seems to be difficult to break the bonds of patriarchy and make them think freely in the new context.

Notes (Optional)

Nil



Mahatma Gandhi Vidyamandir's

Loknete Vyankatrao Hiray Arts, Science & Commerce College

Panchavati, Nashik-03, MS, India

(Reaccredited with 'A' by NAAC and Recipient of the Best College award of S.P.P.U., Pune)