



1. Title of the Practice: Golden Jubilee Science Lecture Series

Objective of the Practice:

1. To provide an opportunity to meet with a highly acknowledged personalities in Science and Technology.
2. To present contemporary ideas and areas of research.
3. To acquaint with updates in science and technology.
4. To motivate students through highly acclaimed stalwarts.
5. To trigger creativity and innovative ideas of students

The Context:

We realized that one of the ways to trigger interest of the students in the subjects is giving them an opportunity to interact with the highly acclaimed scientists and renowned personalities in the field of science and technology upholding humane values in life. We were aware of the fact that the students do not get adequate chance to meet high profile scientists and luminaries during college days so we consider this as a way of modification of the curriculum and permeate motivation in students to involve them in academics at dipper level and create in them a desire and curiosity for doing research.

The Practice:

Each year we invite a very renowned scientist to give a talk before the students on contemporary areas of research in human concern. In case, it is difficult for the esteemed invitee to visit the institute we organize the events in hybrid mode so that maximum number of stakeholders and take the advantage.

Evidence of Success:

Lecture 1: You Tube Link: <https://www.youtube.com/watch?v=CVcIWXINgN0&t=178s>

Topic: A Webinar and Virtual Interface on "Opportunities and Challenges in Science Education".

Chief Guest: Prof. N. C. Shivaprakash, Department of Instrumentation, Indian Institute of Science, Bangalore.

Date: November 20, 2021

Time: 5.00 p.m.



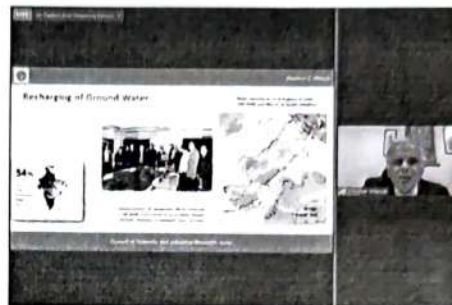
Lecture 2: You Tube Link: https://www.youtube.com/watch?v=O-Pu.IjKR_7I

Topic: A Webinar and Virtual Interface on “Conservation of Rivers, Research Opportunities, Role of Stakeholders and the Future of the Nation”

Chief Guest: Dr. Shekhar Mande, Director General, Council of Scientific & Industrial Research
Ministry of Science and Technology, Govt. of India

Date: February 5, 2022

Time: 5.00 p.m.



Problems Encountered and Resource Required:

1. It is difficult to get availability of high-profile dignitaries and scientists because of the very nature of work they do.
2. While on hybrid mode sometimes network issues create disturbances.
3. Financially expensive, hence inviting international experts for offline interface is almost impossible. But online interfaces can be arranged with quiet ease.

Feedback Analysis of the Programme:

The students and even the teachers were highly motivated by the interface with Prof. N. C. Shivprakash.

Students appreciated the new ideas shared by Dr. Shekhar Mande. Students and teachers realized the importance of their participation in the ‘Nadi Jodo Abhiyan’.



Principal

(Dr. Akhilesh V. Peshwe)

Principal
Dharampeth M.P. Deo Memorial
Science College, Nagpur.



2. Title of the Practice: Regular Workshops on Plastic Recycle and Reuse

Objectives of the Practice:

- To sensitize the students and their family members about the plastic reuse and recycle
- To make students aware about the environmental issues originated by use-once type plastics
- To inculcate the design aspect using logic and expertise for beautification of the things.
- To plant inhouse/ outdoor trees/ plants for generating oxygen.

The Context:

The other regular workshop titled 'plastic recycling and reuse' is conducted on regular basis to inculcate and develop skills such as 'best out of waste' and to tackle and contribute the environmental issues arising from single use plastic materials such as cans, bottles, and other utensils

The Practice:

In this workshop, the students and faculty members are asked to bring the plastic waste (garbage) available in their houses. With a minimal effort and materials, they are guided to develop planters or some other decorative or useful items, such as planters, pen holders, decorative items etc. This will have a double advantage namely reusing the plastic and planting plants which gives oxygen, reducing the carbon footprint.

Evidence of Success:

- Students have brought their house hold plastic for making their own designs particularly planters and other thing in general. They have applied their minds, brainstormed with colleagues and designed respective planters or things.
- They collected the waste and made something best from it.
- They have planted the indoor/ outdoor plants and after successful planting shared selfies with the planters.
- As the planters were painted as per their wishes, they enjoyed sharing the details with other friends, hence the idea was shared with the mass.

Problems Encountered and Resources Required:

The oil cans handling was a bit difficult as due to residue of the oil remains it was slippery while working with knife and scissors.

Notes (Optional): Nil

Any other information regarding Institutional Values and Best Practices which the university would like to include: Students have started making planters and planting decorative plants for their homes.



Seema Ubale
Head

Department of Physics



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR

NSS UNIT

3. Title of the Practice: Blood Donation Camp

Objectives of the Practice

- Organization of blood donation camp in memory of Late. Vinayakrao Phatak, on 8th August in every year
- To inculcate the importance and need of blood donation as a social responsibility
- To take care the supply of blood to every needy person in the society in emergency.
- Organization of rallies To spread the awareness about the blood donation benefits and its future prospects.

The Context

- Blood and blood components are not generated in the laboratory and hence it must be donated by the individual
- Many misconceptions among the society which leads to collection of less amount of blood
- Inability to fulfill the need of blood for different patients by existing blood banks

The Practice

- Organization of blood donation camp in memory of Late Vinayakrao Phatak in the institute, making this practice frequent repetition every year
- The blood is collected by Hedgewar Blood Bank during the blood donation camp and certificates are given to every donor.
- Many students after knowing the importance of blood donation, come forward to donate the blood, this helps them to understand the importance of blood donation and social responsibility.
- Since last many years, this practice made 1000s units of blood were collected during the camp, that helped the society to save the lives.

Evidence of Success

- The list of blood donors and photographs are preserved with NSS Unit of the college.
- Also, the list of blood donors from the blood donation camp is available with Hedgewar Blood Bank

Problems Encountered and Resources Required

- Though there is urgent need of blood to the society in every medical emergency, there is crunch of blood in blood banks, because of a smaller number of blood donors.
- Misconceptions about the blood donation and its importance is one of the most important reasons responsible for availability of a smaller number of blood donors
- Spreading awareness among masses is very much important to overcome this problem in future.

Notes (Optional)

- If this practice is undertaken by every institute through its NSS Unit, every year, then definitely the collection of blood will be drastically increased. Also, this will help to overcome the misconception among the society as well as to enhance to blood donors in near future.



Prof. Pitambar Humane,
Program Officer, NSS



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR
DEPARTMENT OF COMPUTER SCIENCE

4. Title of the Practice:

Development of Online Portal for the submission of Assignments and Conducting Online Test Examinations

Objective of the Practice:

- ❖ A portal is made for both Teacher and Student.
- ❖ A huge syllabus-based question bank can be generated for online tests and assignments.
- ❖ Working of Department will be paper less for evaluation of students.
- ❖ Separate Log in for Teacher for maintaining student's data.
- ❖ Students will receive all notification for uploading assignments and online test through the portal.
- ❖ Test score generated immediately after submission of online test.
- ❖ A detail Students Report generated at the end of the academic session.

The Context:

To overcome the COVID-19 pandemic situation, there was need of Online portal to conduct online test examination as well as for submission of assignments. The students of computer science department were guided to develop such online portal so that test and submission of assignments can be undertaken in online mode.

The Practice:

The portal contains a separate login for Teacher and Student. Students have access to submit their assignment and also appear for Online Test. The portal has facility of auto submitting the test immediately if student move on another tab. Teachers can create Assignment, Test, Question Bank and Student Report. PAPERLESS Data Maintenance is possible due to this portal.

Evidence of Success:

Online Portal URL: - www.dscsedproject001.in



Dharampeth Education Society's
 Dharampeth M.P.Deo Memorial Science College, Nagpur
 (NAAC ACCREDITED: GRADE A WITH CGPA 3.01)
 DEPARTMENT OF COMPUTER SCIENCE

Student Teachers

cxiaem6@gmail.com

Login



HOME ABOUT US

CONTACT US

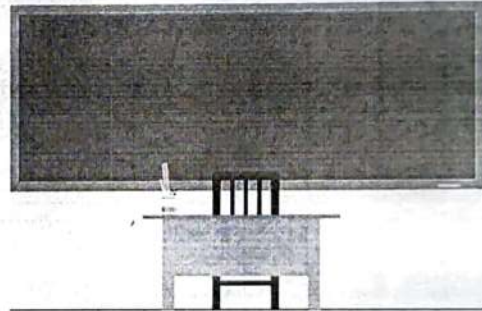
LOGOUT

CHANGE PASSWORD

Computer Science 6 Semester 1

Welcome to the teachers portal. Manage question bank, assignments, tests and create or update student report.

EXPLORE MORE



HOME ABOUT US CONTACT US

LOGOUT

CHANGE PASSWORD

STUDENTS

STUDENTS	VIEW	UNCHECK
POOJA GUPTA		X
MONIA BORIKAR		X
DEEPALI SHARMA		X
ROHIT DARWADY		X
ACHAL CHAWKE		X
SUSHANT BAWANE		X

Problems Encountered and Resource Required: -

Project Developed in:

- ❖ HTML, CSS, PHP, JAVASCRIPT

Backend Used:

- ❖ PHPMYADMIN

To implement the project following Resources were required:

- ❖ Server
- ❖ Domain Name
- ❖ Disk Space
- ❖ Bandwidth
- ❖ MYSQL Databases
- ❖ Cpanel
- ❖ SSL Certificate

Notes:

This online portal has been developed by the students of B.Sc III of Computer Science Department in connection for maintenance of departmental record with reference to Student Centric Activities such as Assignment Submission, Online Exams, Online Quiz & various other classroom activities.

In the backdrop of covid-19 pandemic, as emphasis is on online & paperless working this will prove to be a boon to the department for maintenance of academic records as this portal is developed by the students as per department need.

Online Portal Developing Team: -

Sr.No	Name of Student	Semester	Group
1	Abhijit Muley	SEM- VI	PCOM
2	Abhishek Muley	SEM- VI	PCOM
3	Kanishk Patil	SEM- VI	PCOM
4	Prathmesh Acharya	SEM- VI	PCOM



Head

Department of Computer Science
Head,

Department of Computer Science
Dharampeth M. P. Deo Memorial
Science College, Nagpur



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR
DEPARTMENT OF COMPUTER SCIENCE

5. **Title of the Practice:** Digital Poster Making on “Safety majors to curb the spread of Covid19 for 3rd wave”

Objective of the Practice:

- ❖ Students learn how to use Online Software which are available for making poster.
- ❖ Enhances the knowledge of students regarding software
- ❖ Students can understand and handle online software available.
- ❖ Students can express themselves creatively
- ❖ Awareness will be spread amongst the students regarding Covid-19 safety and precautionary measures

The Context:

COVID-19 has become a global pandemic by infecting people of almost all the world. Two waves were faced by everyone and third wave was on its path. So, to make students aware about the safety majors to stop the spread of Covid-19 was the aim of the practice. In addition to this, student also learn the use of online software was idea behind this practice.

The Practice:

Students used online software for preparation of the poster which enhance their knowledge of using online software which is not a part of syllabus. Through this practice student were able to express themselves creatively and gauge their knowledge and awareness on the given current topic of the COVID-19.

Evidence of Success:



Problems Encountered and Resource Required: -

Resource Required: Online Software for making Poster

Ravale
Head
Department of Computer Science
Head,
Department of Computer Science
Dharampet M. P. Deo Memorial
Science College, Nagpur



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR

DEPARTMENT OF ZOOLOGY (2021-22)

6. Title of the practice: Artificial bird nests installation inside the college campus.

Objectives of the practice: Birds are the important entity of the zoology, to preserve such a indicator of environmental health and to provide habitat for breeding is the main aim of this activity.

The Context: Birds perform various ecosystem services like controlling pests in agriculture and forestry, pollination of plants seed dispersal and plant regeneration. Birds are the indicators of environmental health. Due to anthropogenic activities and factors like pollution, environmental degradation and rapid urbanization destroying bird's natural habitat. Therefore, conservation of such habitat will help in bird conservation and also help to study bird diversity that visit the college campus.

The practice: Uniqueness of this activity is to develop interest in birdwatching and to study bird behavior, parental care in birds and pattern of bird nesting.

Evidence of Success: Bird nesting started in the month of June in installed artificial bird nest.



Problems encountered and Resources required: NIL

Head

Department of Zoology

**HEAD OF THE DEPARTMENT OF
ZOOLOGY
DHARAMPET M.P. DEO MEMORIAL
SCIENCE COLLEGE, NAGPUR.**



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR

DEPARTMENT OF ZOOLOGY (2021-22)

7. **Title of the Practice:** Solid waste management by vermicomposting

Objective of the Practice:

- Vermi-composting activity is of immense importance in solid waste management which is beneficial for society and keep college campus clean.
- It creates awareness among the students about clean environment and best from waste. Analysis will help to know concentration of nutritive elements present in variety of cast generated by different waste for carbon and other important element present in different type of casts
- To provide experiential knowledge of subject

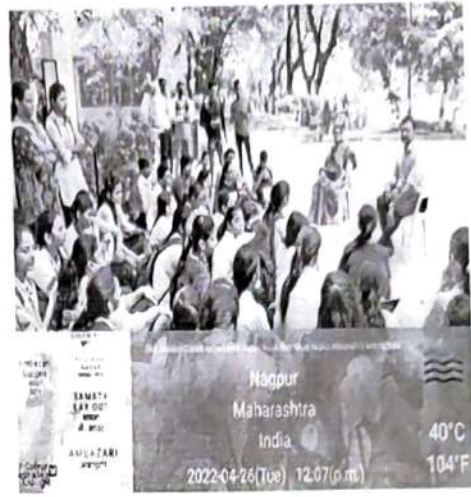
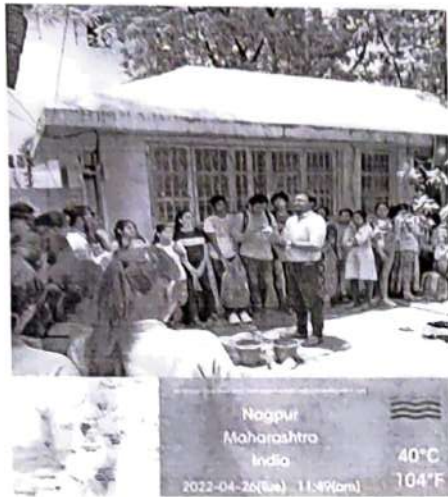
The Context:

Vermi-composting activity is of immense importance in solid waste management which is beneficial for society and also keep college campus clean. It will also create awareness among the students about clean environment and best from waste. Vermicast (also called worm castings, worm humus or worm manure) is the end-product of the breakdown of organic matter by an earthworm. These castings have been shown to contain reduced levels of contaminants and a higher saturation of nutrients than do organic materials before vermicomposting. Vermicompost contains water-soluble nutrients and is an excellent, nutrient-rich organic fertilizer and soil conditioner. Vermi-composting is a part of applied Zoology. To create an awareness among the students about environment Department of Zoology has taken an initiative and started this activity since 2017-18. We use pit method for vermicomposting. We prepared vermicasts from green wastes from college campus.

The Practice:

Uniqueness of this activity is that we made this project research oriented through which variety of vermicasts generated from different type wastes. Analysis of carbon and other important element present in different type of casts.

Evidence of success: One day workshop on 'Nutritional Waste Management' organized for students that helps students to enhance vermicomposting activity in the college campus.



[Handwritten Signature]
Head

Department of Zoology

HEAD OF THE DEPARTMENT OF
ZOOLOGY,
DHARAMPETH M.P. DEO MEMORIAL
SCIENCE COLLEGE, NAGPUR.



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR

DEPARTMENT OF ZOOLOGY (2021-22)

8. Title of the practice: Fresh water fish culturing

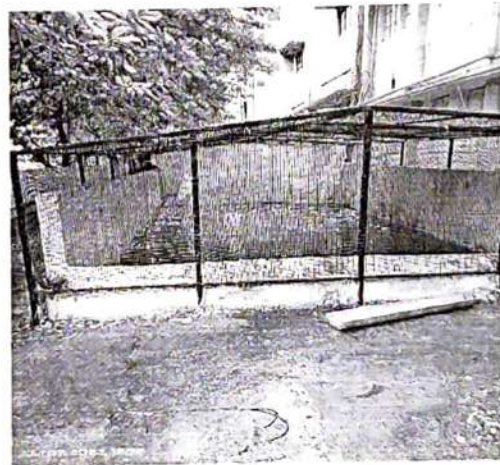
Objectives of the practice:


- Impart knowledge about fundamentals of inland fisheries practices
- To study effect of water parameters on fishes and fish breeding
- Train students for the development of inland fisheries.
- Impart knowledge for developing proficiency and management practices in food fishes

The Context: As fishes show economic and social importance, fisheries are governed by complex fisheries management practices. Recent threats by human overfishing and environmental issues have required increased regulation of fisheries to prevent conflict and increase fish breeding. As Fishery is the integral part of Zoology students must experience behavior, fish breeding and their development and changes in water parameters in which they live, is the main aim of this activity.

The practice: Breeding of local edible fishes like Rohu Catla and Mrugal inside the campus is the uniqueness of this activity.

Evidence of Success: -Students get knowledge about fresh water fisheries, fish breeding and their development




Head
Department of Zoology
HEAD OF THE DEPARTMENT OF
ZOOLOGY
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SCIENCE COLLEGE, NAGPUR.



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR

DEPARTMENT OF MICROBIOLOGY (2021-22)

9. Title of the practice

Disposal of biomedical waste generated in the microbiology laboratory.

Objectives of the practice

The objective of biomedical waste disposal is to ensure its safe disposal to avoid any hazardous impact on human health and environment.

The Context

- The biomedical waste is defined as any waste, that is generated during -
 - The diagnostic procedures,
 - Microbial sub culturing process
 - After molecular biology experiments
 - Syringes, needles etc.
- Poor medical waste management causes environmental pollutions, unpleasant smell, growth and multiplication of not only microbes but also worms, insect etc. and may lead to the transmission of diseases like *typhoid*, *cholera* and other common source epidemics.
- Hence proper disposal of biomedical waste is of utmost importance in reducing the incidences of spread of infectious diseases.

The Practice

- The disposal of biomedical waste generated in microbiology laboratory comprises used microbial cultures and nutrient media, syringes, needles, molecular biology experimental kits etc. are disposed-off by taking proper precaution and ensuring safety of all stakeholders.
- The college has contract with the Professional company which collects the biomedical waste generated in the laboratory twice a week, thus ensuring safety to all.

Evidence of Success

The certificates issued by the company are maintained in the department.

Problems Encountered and Resources Required

Sometimes there is delay in collecting the biomedical waste by the company from the laboratory. In such situations difficulty may be encountered due to inadequate man power.

Head
Department of Microbiology



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR
COMPUTER SCIENCE DEPARTMENT (2021-2022)

10. Title of the Practice: One Day workshop on “Writing Scientific Research Article/Paper”

Objectives of the Practice:

Research in innovation is the new era for the students. Conduction of such type of the workshop helps the students to create and develop their interest and idea in the field of Research. Students also get detail knowledge of the topic of the research and its future scope. They also understand the whole process of writing article or paper on their topic of interest in the computer science or recent trends and technology used in this subject. It would help the students in the selection of topic of interest as well as writing a Research paper or article. They also Understand the publishing process and how to select a journal including why manuscripts get accepted/rejected.

The Context:

At the initial level the response of the students was very poor as if they were not aware about the research area and its working pattern for UG Students. It is very difficult for the faculty to convince them to attend such types of workshops. The activity was conducted during the covid period in an online mode. While conducting such type of the workshop specially which are base on the research in an online mode faculty has noticed some points and may have to face the challenges with the students like:

- Lack Of In-Person Interaction
- Infrastructural Problems
- Require more Motivation in Students
- Abundant Distractions, Lack of Discipline

While considering all the challenges that may have to face during the conduction of the problem the workshop was designed only for the interested students those who really wants to do research. Faculty has interacted with the students during her regular classes and ask them whether they are interested or not. First create Google registration form and then share with the students.

The Practice:

Writing scientific article or research paper is a basic skill that must be learned by the students only using repetitive practice of reading, writing, and revising. This workshop is intended to impart researchers/students with basic skills in writing and publishing a scientific paper in a peer reviewed journal. The department of computer science takes an initiative to train the students in the field of research by conducting such type of workshops to promote the students to work in the research area. UG students are unaware about this area of research as compare to the students of post graduation. To break these constraints the department conducted the workshop based on the research paper and the complete process of writing research paper. This would be a unique activity for the students of computer science organized by the department from last four years continuously. In higher education of India researcher plays a vital role to build the nation more ahead and grow in the highest level.

- a. In this workshop the list of the contents will be covered like

- b. What is research? What is its need?
- c. What is the aim and objectives of conducting this workshop based on the research paper or article?
- d. What would be expected outcome/results from the workshop?
- e. Difference between research paper and article
- f. Different steps that must be followed by the students while writing scientific article /paper.
- g. Detailing of writing scientific research paper and do's and don'ts of it. Some of the points have been included as given below section wise.

- **Formatting Section**

- ❖ Use active voice
- ❖ Follow the style guide for publication
- ❖ Organize the paper in the proper order

- **Writing the Sections must include How to**

- ❖ Start with the Materials and Methods section.
- ❖ Describe the results in the Results section.
- ❖ Interpret your data in the Discussion section.
- ❖ Review the literature in the Introduction
- ❖ Summarize the paper in the Abstract.
- ❖ Write a descriptive Title.

- **Making the Figures and Tables**

- ❖ Write figure legends that describe the data

- **Citing Your Sources Properly.**

The workshop will also help the student participants to understand how to outline a scientific article or paper, become familiar to construct an argument in a scientific manuscript, do effective literature search and review, manage references using different software, understand authorship, plagiarism and ethics in publication.

Evidence of Success Provide evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate? Describe in about 200 words.

At the end of the workshop student participants would understand the complete process of writing scientific research article /paper and how to publish the paper or article in the renowned journal. If participants have sufficient data to begin writing a paper, they could work on the draft during group work. Some of the student participants show their interest to write an article or research paper. They start reading and searching the topic of their interest to write an article at the initial level. At the initial level they just tried to copy the concept from the net and reframe it. But after this workshop some of them really understand what are research and its nothing to copy the data but using the basic idea we need to add our innovations into it. Some of the students submit their article/paper to the faculty and some are working on it .

The article we have received from them it is clearly understood they really work improving their writing and reading skills. From some of the article it is found that they only copy the data from the internet but after giving additional guidance and time to time motivation they really work well on that.

- **Registration Form Link :**
<https://forms.gle/PtbbUd3FQQwFGhhJ9>
- **Response Link :**
<https://docs.google.com/spreadsheets/d/1QyBINWpCaOs93Hjm6CwnoIKoPhswOkbeMpQu8FfQe8/edit?usp=sharing>
- **Feedback Response Link :**
<https://forms.gle/Dz1DDrXspS1L56km6>

Problems Encountered and Resources Required:

When this workshop was conducted first time it was quite difficult for the faculty (Dr.Snehal Narale) to make convince to the students how this would help them in their future. Time to time motivation is required for the students and the practice of arranging such types of workshop now it is quite easy to make the registration for the students. Due to time constraint the workshop is organized for one day only. But the department has planned to invite some guests to give more additional information about the research area and what is the scope of this for UG students in their life.

Notes (Optional):



Any other information regarding Institutional Values and Best Practices which the university would like to include.

Snehal Narale
Head

Department of Computer Science

Head,

Department of Computer Science
Dharampeth M. P. Deo Memorial
Science College, Nagpur



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR
DEPARTMENT OF HOME SCIENCE

11. Title Of Practice: Designing a Cook Book on Regional Recipe of Chiwada

Objectives of the Practice: This Competition was held with an objective of developing the concept of regional importance and nutrition.

- To develop competitive Spirit in Students.
- To make the students aware of different avenues open for them & also motivate them to write Blogs & develop Literature.
- To be able to give different avenues & impetus for entrepreneurship Skills.
- A manual format of this can be used as Reference Material.

The Context: A Book on this is Published to highlight the variety in regional cooking, availability of resources, knowledge of Ingredients, way of cooking, equipment in use & knowledge of regional condiments & spices would be included.

The Practice: Competition on Making of Chiwada was held in the Department to stress the importance of regional speciality. Students were motivated to make famous chiwada recipe of Vidharba region Specialty.

A competition was arranged in the Nutrition Laboratory where in Students made both sweet & spicy flavors of Chiwada adding different ingredients for adding taste as well as nutrition to the recipe.

Evidence of Success: Manual Book as reference Material.





Problems Encountered and Resources Required: Nil

Notes: Nil

M. S. Paunde

Head

Department of Home Science



12. Title of the practice: Free Sickle Cell Anemia Detection Camp for students

Objectives of the practice:

- To aware students about Sickle Cell Anemia disease *
- To find out sickle cell carrier students from the new entrants*
- To provide knowledge about Sickle cell disease (haemoglobin disorder).

The Context:

Sickle cell disease is one of the genetically transmitted hemoglobin disorder. Breeding of local edible fishes like Rohu Catla and Mrugal inside the campus is the uniqueness of this activity. It affects the shape of red blood cells, which carry oxygen to all parts of the body. Red blood cells are usually round and flexible, so they move easily through blood vessels. In sickle cell anemia, some red blood cells are shaped like sickles or crescent moons. These sickle cells also become rigid and sticky, which can slow or block blood flow. There is no cure for most people with sickle cell anemia. Treatments can relieve pain and help prevent complications associated with the disease. If person carry the sickle cell trait, seeing a genetic counselor before marriage and trying to conceive can help you understand risk of having a child with sickle cell anemia. A genetic counselor can also explain possible treatments, preventive measures and reproductive options. Avoid marriages between carrier carried partner is the only way to control this disease.

The practice:

To find out carrier students for sickle cell disease from new entrants and genetic counselling of carrier students is the regular price of our institution.

Evidence of Success:

Every year 9 to 10 % of new entrants are found to be carrier for disease.



Head

Department of Zoology
HEAD OF THE DEPARTMENT OF
ZOOLOGY,
DHARAMPETH M.P. DEO MEMORIAL
SCIENCE COLLEGE, NAGPUR.



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR
DEPARTMENT OF HOME SCIENCE

13. Title of the Practice: Kitchen Garden Activity

Objectives:

- To develop the concept & understanding of kitchen Garden among students of home science.
- To inculcate knowledge of plotting the edible and medicinal plants in the house kitchen.

The Context:

Activity was conducted during Pandemic with another specific objective of supporting mental health.

The Practice:

Students were assigned the Task of Potting the Plant and there by understand the concept Provision of material in form of Seeds of various plants were distributed. Students have grown fenugreek, spinach, brinjal, mint, onion tomato & chilies, coriander too. Some of the medicinal plants like Tulsi. Students were asked to monitor it for 15 days.

Outcomes: Students thoroughly enjoyed the activity. As the activity was monitored the students could observe the change. This activity made the student learn how to care for plants. Develop the concept of Kitchen Garden. They have shared the experience within classroom by method demonstration.



Beekpande
Head

Department of Home Science



DHARAMPET M. P. DEO MEMORIAL SCIENCE COLLEGE NAGPUR
BEST PRACTICE OF DEPARTMENT OF ENGLISH

14. Title of the Practice: Rotaract Club of Dharampeth M. P. Deo Memorial Science College, Nagpur

Objective of the Practice:

- ❖ To emphasize the holistic development of the students through their social, personal, physical, emotional involvement in the activities of the club.
- ❖ To inculcate in students the practice of philanthropy by reviving moral and value education in their lives and making them partners in service.
- ❖ To develop students' leadership and organizational skills in running their club, managing funds, hosting and co-hosting inter-collegiate event.
- ❖ To enhance students' personality development, language and communication skills by means of inter-clubs' conclaves, conventions, assemblies and social events.
- ❖ To encourage high ethical standards in one's life by following the 4-Way Test especially designed for the Rotaractors.

The Context:

In complete accord with the vision and mission of the institute the club aims at continuous growth and all-round development of our students through conventional as well as experiential teaching-learning practices.

Being a science college, we realized the need of additional activities that will connect students to society, humanity and realities of life. We also wanted to involve the alumni of our institution in such activities so that their energy complements our efforts. Our Alumni Shri. IPP Nishikant Kashikar and IPP Virendra Patrikar decided to create a platform for students through the Rotary Club of Nagpur Downtown.

Rotaract club is a one such forum for students to hone their personal, social, academic and employability skills. Under various domains like community service, club service, vocational and professional service, youth service, the members of the club design activities and execute them in-house, inter-collegiate, district, and international levels. This student development programme promotes their comprehensive wellbeing in making them civilized Indian citizens to compete in the globalized world.

The Practice:

The Rotaract Club of the college have conducted activities since its inception and is growing in leaps and bounds. A registered Rotaract Club gets an opportunity to prove its merit according to activities the club has conducted during an academic session. A competitive spirit is developed as these

Rotaractors from different districts contest each other for scoring points and eventually winning awards for their respective clubs. The club has won 13 District Level and 1 International awards in the year 2021-2022 by either conducting or participating in more than 30 activities.

Evidence of Success:

We started this activity long back and today it stands as one of the highly internalized activities on campus. The club has won accolades even from government of India and is now emerging as one of the hallmarks of our institution. The club has won recognition and students do display motivation and complete dedication in projects. They approach us with ideas to social service and we believe that this fact stands as the best evidence of success of our activity.

1. <https://my.rotary.org/en/club-profile/D5E95FAE-F76F-4AFE-B23B-43330BA05926> :

My Rotary Link

2. <https://www.dharampethscience.com/rotaract-club/>: **College Website Link**

Problems Encountered and Resource Required: -

- Number of registered members were less.
- Financial resources need to be generated for carrying out the activities on a larger scale.
- International collaborative activities were not feasible.

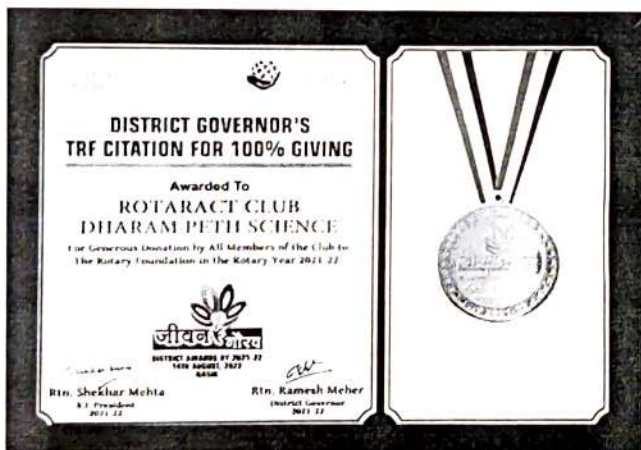
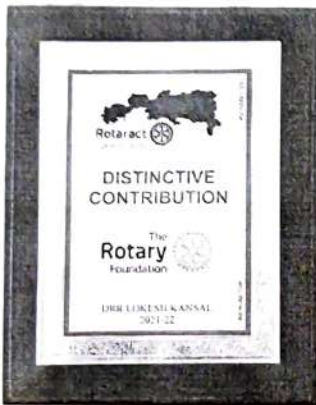
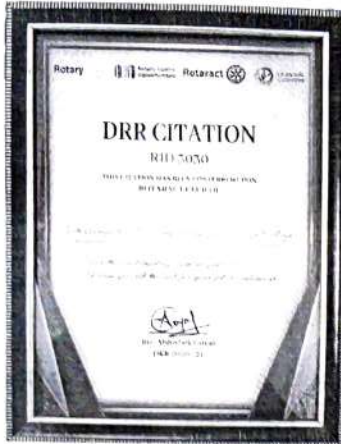
To implement the project following Resources were required:

- ❖ Membership drives and Orientation programmes should be promoted.
- ❖ Fund raising events in-house or collaborative in nature should be carried out more.
- ❖ Fellowships between clubs should be conducted for creating Personal Relations (PR) at international levels.

Notes:

The importance of intrinsic motivation is at par with an extrinsic one. The combination of both, if put to use, can bring about comprehensive progress in the personality of an individual. It is highly recommended that students should be engaged in community enhancement activities through such clubs. Introduction of community clubs and registering them on an official platform will motivate the members to enhance their life skills through social work. These real time projects will give them a chance to identify the problem, analyse the possible solutions, and create a vision for solving it. Institutes of higher education should acquaint their learners to Rotaract Club activities, and should register it, which will give, the student as well as the institute a distinct identity on a global platform.

ROTARACT CLUB AWARDS



DRR Citation, Palladium Distinction With Rotaract District Citation, Distinctive Rotaract Club, Distinctive Contribution To The Rotary Foundation, District Avenues Of Service Award, District Governor's Citation, 2nd Rank District Point System, Defeat Diabetes: Highest testing, etc.

DRR Special Recognition for active participation

- Rtr. Shardul Moharil
- Rtr. Sanchita Puntambekar
- Rtr. Sakshi Giri



- Miss Rotacon for Conference: Rtr. Sanchita Puntambekar
- Best Active participant in ROTACON Conference: Rtr. Shardul Moharil

Prof. P. T. Humane
IQAC Co-ordinator

Head
Department of English

Dr. A. V. Peshwe
Principal
PRINCIPAL
Dharampeth M. P. Deo Memorial
Science College, Nagpur.