



Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana- 443201(MS).

Department of Physics

Report on Course on Nanotechnology

- 1) **Title of the Activity:** Online one Week Certificate Course on Nanotechnology
- 2) **Date:** 11/05/2022 to 18/05/2022
- 3) **Notice:** A leaflet of the program distributed through whats app
- 4) **Organizer:** Dr. Omraj S. Deshmukh (Principal)
- 5) **IQAC Cordinator:** Dr. V. U. Pochhi
- 6) **Convenor:** Mr. N. B. Thakare
- 7) **Course Coordinator:** Dr. D.N. Bhoyar
- 8) **Members:** Mr. N.B. Thakare, Dr. V. B. Huse, Dr. P. B. Nalle, Dr. P.P. Padghan, Dr. D.N. Bhoyar.
- 9) **No of Participants:** 20
- 10) **Resource Person:**
 1. Dr. G. A. Bodkhe. Assistant Professor, Department of Food Science and Technology, Yeungnam University, South Korea

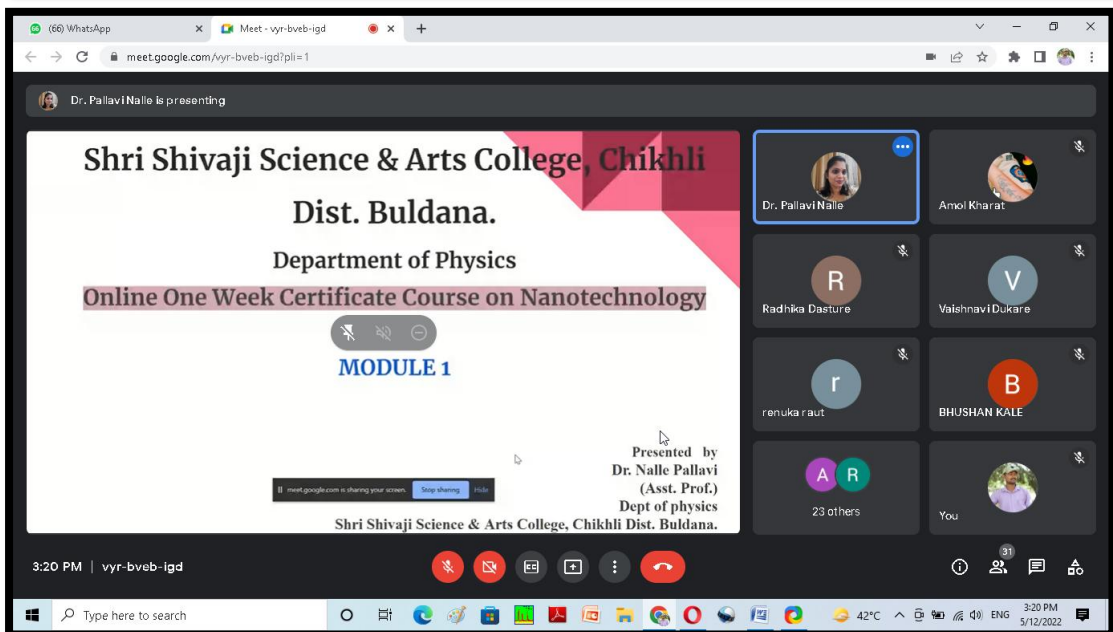
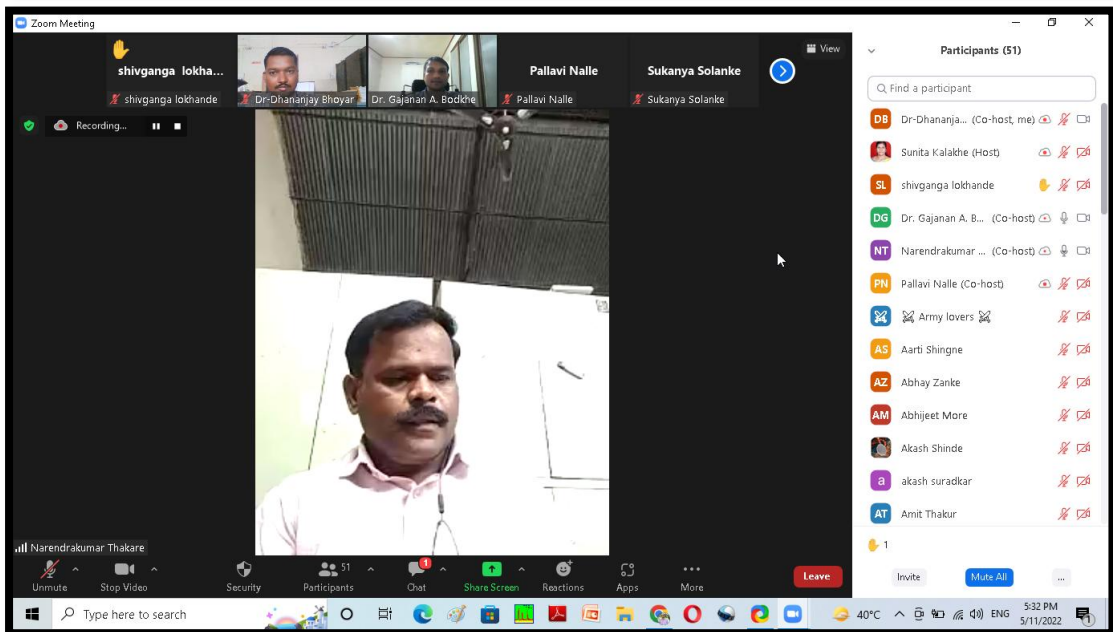
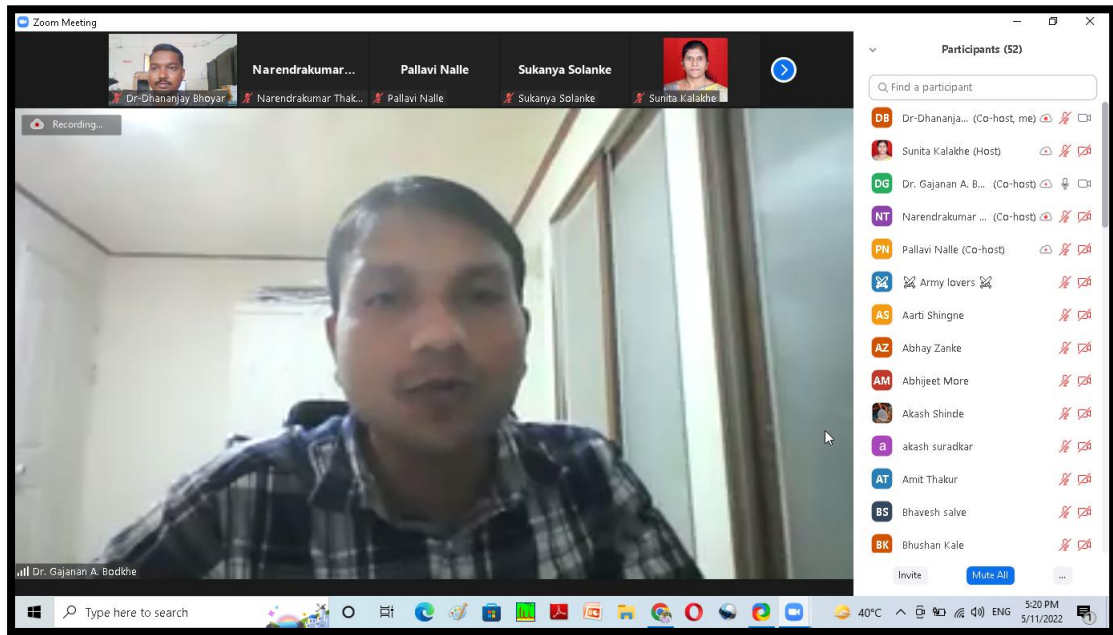
11) The Practice/Activity:

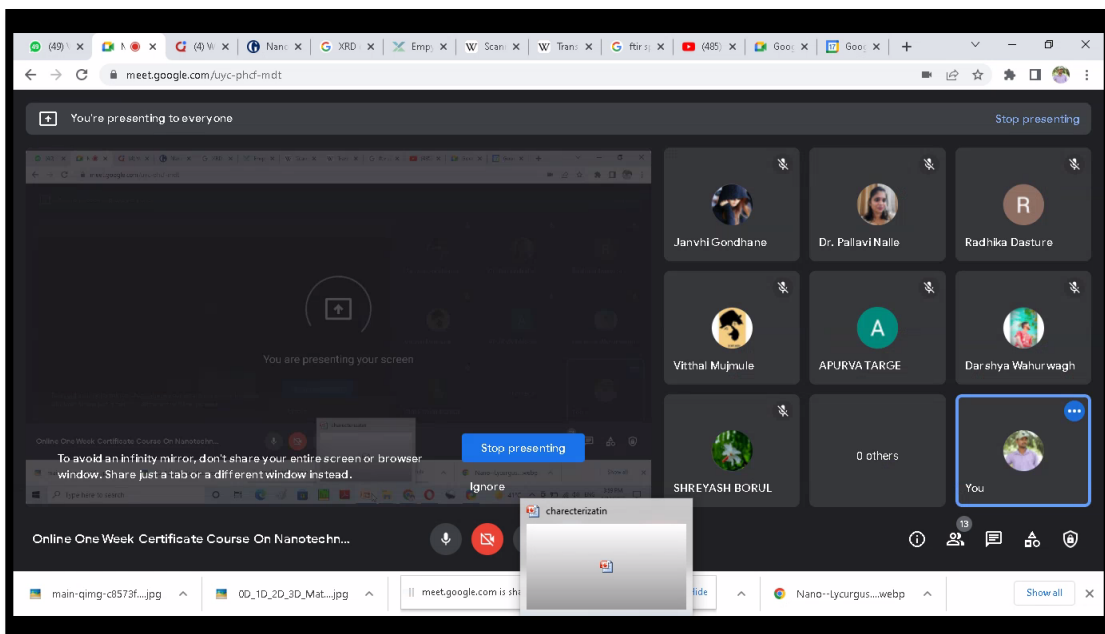
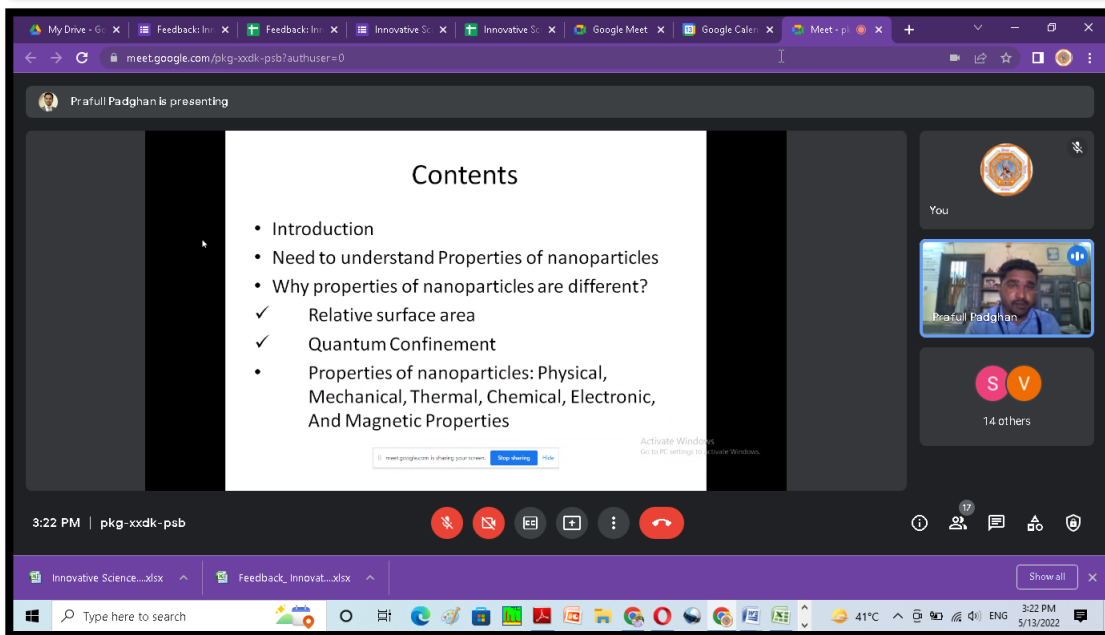
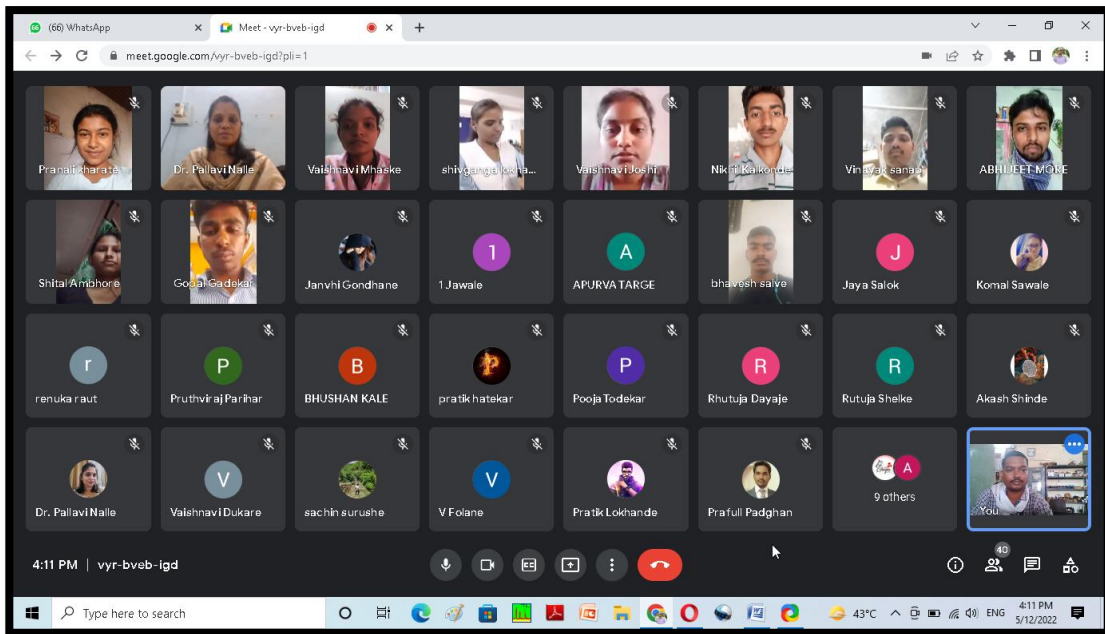
Department of Physics of Shri Shivaji Science College Chikhli, organized Online one week certificate Course on dated 11/05/2022 to 18/05/2022 entitled, "Nanotechnology." Certificate course starts at 04:00PM. First of all the welcome address of IQAC Coordinator Dr. V. U. Pochhi, after that principal address of Dr. Omraj S. Deshmukh in his communication he emphasized on the today's situation of Nano science and technology which is very useful for career building of young students.

Dr. D. N. Bhoyar introduced the first resource person Dr. G. A. Bodkhe. In the speech of Dr. G. A. Bodkhe gives the details information on "*Sensors in Everyday Life and Detection of Environmental Pollutants*". Dr. G. A. Bodkhe interacts with student & give them information about carrier opportunities in research and research in foreign country. After all speech the question answer carried out with the help of the zoom and whatsapp. At last vote of thanks given by Mr. N. B. Thakare and with the permission of organizer committee member the program ends at 06:00 PM.

In this course there are 5 module, first module "Introduction to Nanotechnology" taught by Dr. P. B. Nalle. Second module "Nanomaterials" taught by Dr. P. P. Padghan. Third module "Preparation method" taught by Mr. N. B. Thakare. Fourth and fifth module taught "Characterization techniques, Case study". These module taught by teacher in online mode on Google meet in entire week. Practical session are taken in offline mode in Department of Physics by all physics teacher with help of non teaching staff Mr. E. L. Jadhao & Mr. A. B. Bahekar. For final examination & for assignment only 20 students are selected. But over all lecture and practical are taken to all B.Sc. students.

12) Evidence of Success/Supporting Documents:







Shri Shivaji Education society, Amravati's
**SHRI SHIVAJI SCIENCE AND ARTS COLLEGE,
CHIKHLI, DIST-BULDANA**

NAAC Reaccredited with 'B⁺⁺' Grade (CGPA 2.82)

ISO: 9001-2015

Dr. Omraj S. Deshmukh

Principal

Hon'ble Shri Harshvardhan P. Deshmukh

President

Date: 04/05/2022

Invitation

To,

Dr. G. A. Bodkhe

Department of Food Science & Technology,
Yeungnam University, South Korea

Respected Sir,

With warm regards, we are pleased to invite you as a Guest Lecture in "Online one Week Certificate Course on Nanotechnology" organised by Department of Physics and Internal Quality Assurance Cell (IQAC) of our college on 11th May 2022 at 04:00 PM.

Kindly accept our invitation.

Dr. Omraj S. Deshmukh

Principal

Principal

**Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana**

Thanking You.

Date: 04/05/2022

Place: Chikhli

www.ssesa.org www.shivajichk.ac.in

E-mail:- shivajichk@rediff.com Phone:- (07264) 242088(0)

We Educate, Inspire and Empower...



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Dr. Omraj S. Deshmukh
Principal

Hon'ble Shri Harshvardhan P. Deshmukh
President

Date: 12/05/2022

Certificate of Appreciation

This is to certify that **Dr. G. A. Bodkhe** Department of Food Science & Technology, Yeungnam University, South Korea has delivered online guest lecture as resource person on topic, "Sensors in Everyday Life and Detection of Environmental Pollutants" in our college on dated 11/05/2022. This lecture was arranged in in "Online one Week Certificate Course on Nanotechnology" organized by Department of Physics of our College.

I appreciate the valuable guidance of **Dr. G. A. Bodkhe** to our students and I am thankful to him.

Dr. Omraj S. Deshmukh

Principal

Principal

Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

Thanking You.

Date: 12/05/2022

Place: Chikhli

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Attendance List:-

Shri Shivaji Science & Arts College Chikhli, Dist. Buldana
Department of Physics
Online One Week Certificate Course On
Nanotechnology
Date: 11th May - 18th May 2022

Sr. No.	Name of Student	12-05-2022	13-05-2022	14-05-2022	17-05-2022	18-05-2022	19-05-2022	20-05-2022
1.	Priyanka Shaikraushna Bhutke	Bhutke	Bhutke	Bhutke	Bhutke	Bhutke	Bhutke	Bhutke
2.	Vaishravi Umesh Dukare	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare
3.	Sanswati Sugdev Jawle	Jawle	Jawle	Jawle	Jawle	Jawle	Jawle	Jawle
4.	Jayshri Vijay Solanki	Solanki	Solanki	Solanki	Solanki	Solanki	Solanki	Solanki
5.	Pratiksha Pralhad Misal	Misal	Misal	Misal	Misal	Misal	Misal	Misal
6.	Renuka Harri Raut	Raut	Raut	Raut	Raut	Raut	Raut	Raut
7.	Pallavi Dnyaneshwar Gayak	Gayak	Gayak	Gayak	Gayak	Gayak	Gayak	Gayak
8.	Peemkumar Ashokkumar Jain	Jain	Jain	Jain	Jain	Jain	Jain	Jain
9.	Sheeash Bhushkar Ruchonb	Ruchonb	Ruchonb	Ruchonb	Ruchonb	Ruchonb	Ruchonb	Ruchonb
10.	Sachin Gajanan Surushe	Surushe	Surushe	Surushe	Surushe	Surushe	Surushe	Surushe
11.	Bhushan Virayak Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale
12.	Vishal Dnyaneshwar Ingle	Ingle	Ingle	Ingle	Ingle	Ingle	Ingle	Ingle
13.	Pratik Santosh Hatakaz	Hatakaz	Hatakaz	Hatakaz	Hatakaz	Hatakaz	Hatakaz	Hatakaz
14.	Ku. Radhika Milind Dastude	Dastude	Dastude	Dastude	Dastude	Dastude	Dastude	Dastude
15.	Ku. Dipika Sanjay Gaiwad	Gaiwad	Gaiwad	Gaiwad	Gaiwad	Gaiwad	Gaiwad	Gaiwad
16.	Ku. Suvanna Sugadev Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
17.	Ku. Rashani Anil Ralkonde	Ralkonde	Ralkonde	Ralkonde	Ralkonde	Ralkonde	Ralkonde	Ralkonde
18.	Ku. Sukanya Digambar Solanke	Solanke	Solanke	Solanke	Solanke	Solanke	Solanke	Solanke
19.	Ku. Rajlaxmi Pravin Ghadale	Ghadale	Ghadale	Ghadale	Ghadale	Ghadale	Ghadale	Ghadale
20.	Shradhdha Ravindrasing Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh

Certificate of participant:-




Shri Shivaji Education Society Amravati

Shri Shivaji Science and Arts College,
Chikhli, Dist. Buldana



Online one Week Certificate Course on Nanotechnology


This is certified that **Ku. Dipika S. Gaiwad** of **Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana, Class B.Sc.-2** has participated in **Online one Week Certificate Course on Nanotechnology** organized by **Department of Physics Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. Duration of the Workshop: 11 to 18 May 2022**



Dr. D. N. Bhojar
Course Coordinator



(H.O.D.)
Mr. N. B. Thakare
Head of Physics Department
Shri Shivaji Science & Arts Coll
CHIKHLI



Dr. V. U. Pochhi
IQAC Coordinator

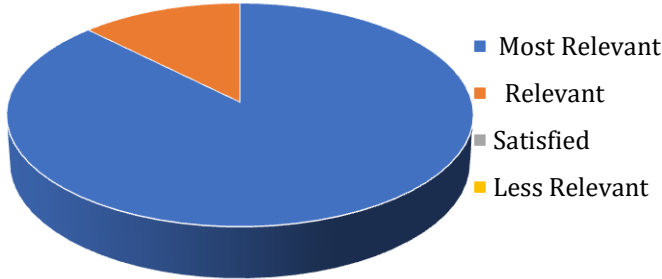


Dr. Omraj S. Deshmukh
PRINCIPAL
Shri Shivaji Science & Arts
College, Chikhli, Dist. Buldana

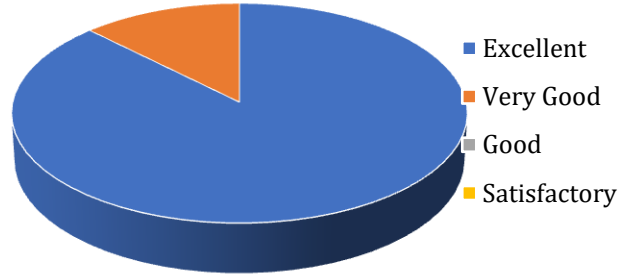
13) Feedback & Action Taken:

Feedback: The overall feedback of the participants about course in offline as follows,

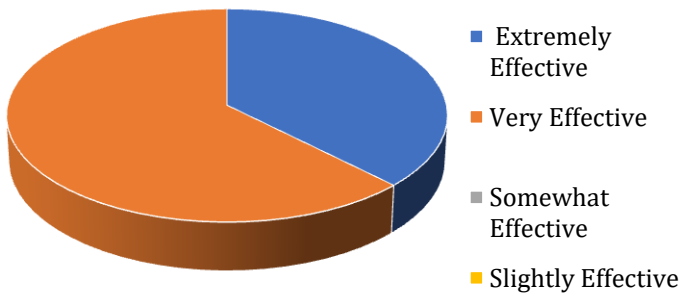
1) How do you rate the relevancy of the theme of the Lecture?



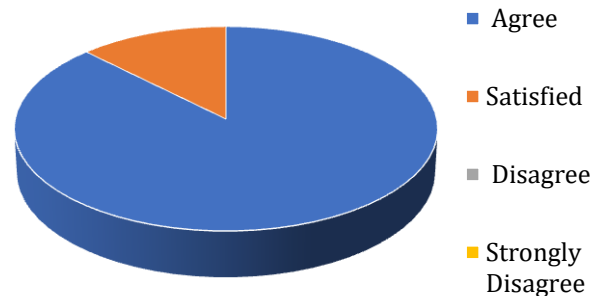
2) How do you find the content of this Course?



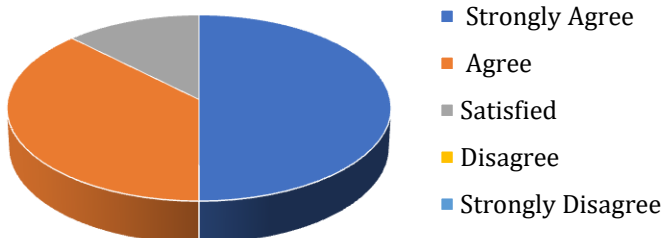
3) How do you rate the quality of the delivery of the lecture & practical by the resource person?



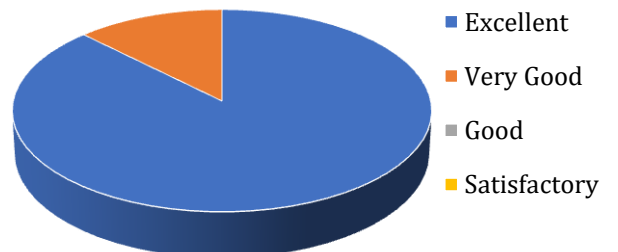
4) The session delivered the information as I had expected



5) How relevant and helpful do you think it would be for your life?



6) Please rate your overall knowledge level covered before attending the session



Leaflet:

<https://drive.google.com/file/d/1bUPfLSQaeUAuspve548eBcXuR2vpEGAs/view?usp=sharing>

Inauguration Program:

<https://drive.google.com/file/d/1BBSDW5WnbaKFRjdvo56IPg5RjhmlRtGV/view?usp=sharing>

Feedback:

<https://drive.google.com/file/d/1GK114QepvyeFsaYLP-DAgHFQ7wqOe7Sq/view?usp=sharing>

Action Taken:

1. It is decided to organize Online one Week Certificate Course on Nanotechnology
2. A committee for the organization for the program was formed.
3. The members of the committee are mentioned in above report.
4. The work was distributed among the committee members.
5. A Boucher of the program was prepared and posted on Whats app group of the college and different groups of the students.
6. The interested students registered select 20 students for the program.
7. Theory & Practical are to be taken
8. Exam taken on offline mode.
9. This program help to students increase their research knowledge & skill.
10. As a result of participating in the certificate course on “Nanotechnology ” students as well as entre participates will be able to learn and understand nanotechnology and how research works to do in material science. As well as how to prepare nonmaterial using different synthesis technique.
11. Feedbacks of participants were collected through online Google form analysed.

Out come

1. Student collect literature survey of project.
2. Student write the review of the project/ research paper.
3. Student synthesis nanomaterials
4. Student handle instrument properly
5. Student analysis the data