



Shri Shivaji Education society, Amravati's
Shri Shivaji Science and Arts College,
Chikhli, Dist-Buldana



॥ ज्ञानम् परम् ध्येयम् ॥

Department of Physics

Action taken report on
Online one Week Certificate Course on
Nanotechnology

Academic year: 2021-2022

11th to 18th May 2022

Action taken report

Activity: Online one Week Certificate Course on Nanotechnology

Aim: To learn & understand nanotechnology and how research works to do in material science.

Notice: Leaflet is attached with this action taken report

Organizer : Department of Physics
: Dr. Omraj S. Deshmukh, Principal, Shri Shivaji
Science & Arts College Chikhli

IQAC Cordinator : Dr. V. U. Pochhi

Name of Convener : Mr. N. B. Thakare, Department of Physics

Course Coordinator : Dr. D. N. Bhoyar, Department of Physics

Organizing Member : Dr. V. B. Huse, Department of Physics

: Dr. P. B. Nalle, Department of Physics

: Dr. P. P. Padghan, Department of Physics

Resource Persons : Dr. G. A. Bodkhe, Department of Food Science and
Technology, Yeungnam University, South Korea

Number of participants : 20

Action Taken:

Department of Physics of Shri Shivaji Science College Chikhli, organized Online one week certificate Course on dated 11/07/2022 to 18/07/2022 entitled, "Nanotechnology." Certificate course starts at 04:00PM with anchoring of Dr. P.B. Nalle. 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. Assistant Professor, Department of Food Science and Technology, Yeungnam University, South Korea. 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.

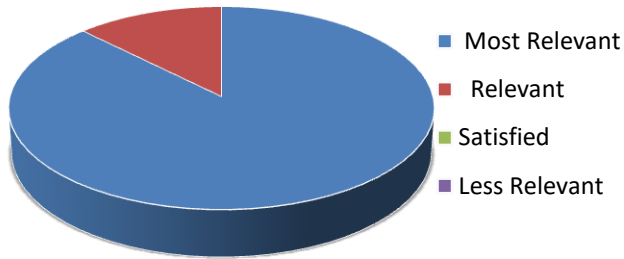


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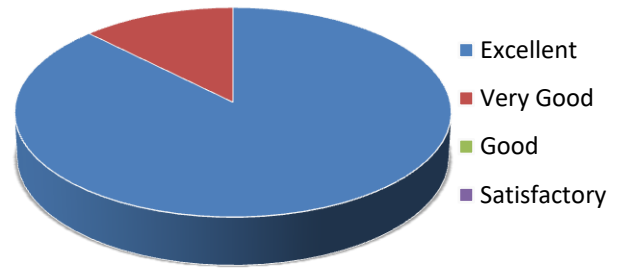
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

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

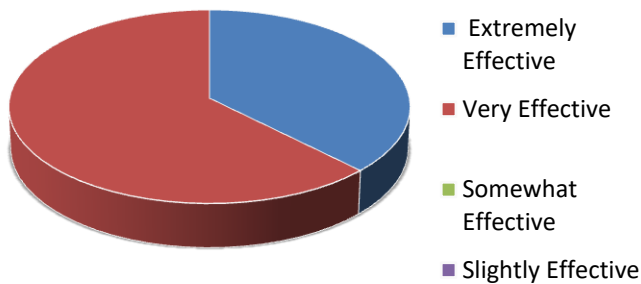
1) How do you rate the relevancy of the theme of the Lecture?



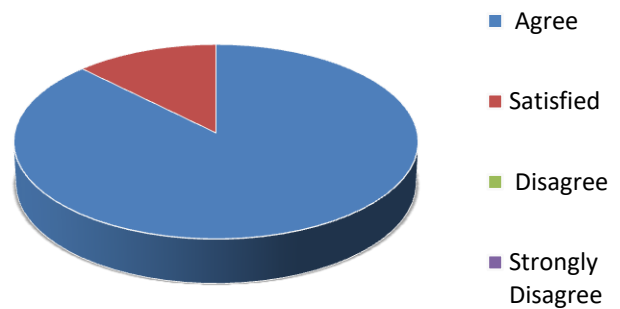
2) How do you find the content of this Course?



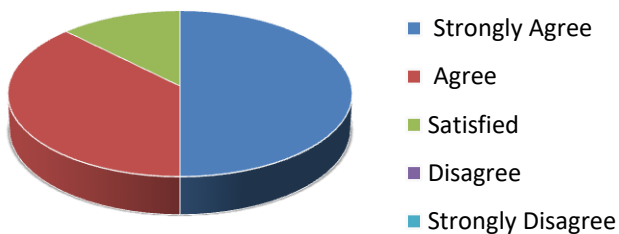
3) How do you rate the quality of the delivery of the lecture & practical by the resource person?



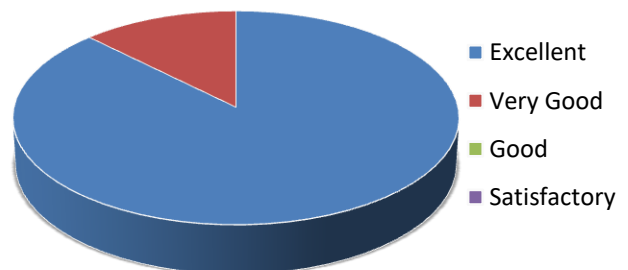
4) The session delivered the information as I had expected



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



Zoom Meeting

Recording...

Dr-Dhananjay Bhojar Narendrakumar Thak... Pallavi Nalle Sukanya Solanke Sunita Kalakhe



Dr. Gajanan A. Bodkhe

Participants (52)

Find a participant

- DB Dr-Dhananja... (Co-host, me)
- Sunita Kalakhe (Host)
- DG Dr. Gajanan A. B... (Co-host)
- NT Narendrakumar ... (Co-host)
- PN Pallavi Nalle (Co-host)
- Army lovers
- AS Aarti Shingne
- AZ Abhay Zanke
- AM Abhijeet More
- Akash Shinde
- a akash suradkar
- AT Amit Thakur
- BS Bhavesh salve
- BK Bhushan Kale

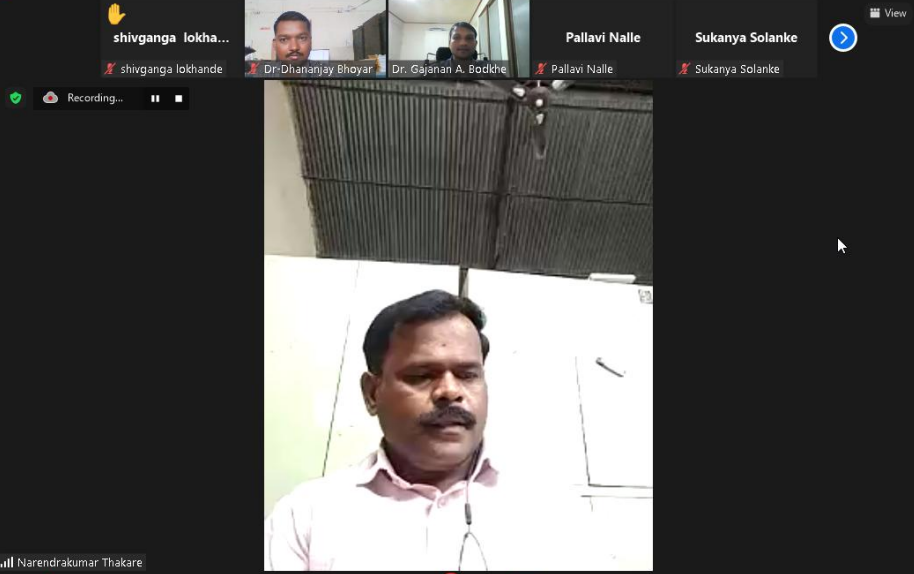
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Zoom Meeting

Recording...

shivganga lokha... Pallavi Nalle Sukanya Solanke

shivganga lokhande Dr-Dhananjay Bhojar Dr. Gajanan A. Bodkhe Pallavi Nalle Sukanya Solanke



Narendrakumar Thakare

Participants (51)

Find a participant

- DB Dr-Dhananja... (Co-host, me)
- Sunita Kalakhe (Host)
- SL shivganga lokhande
- DG Dr. Gajanan A. B... (Co-host)
- NT Narendrakumar ... (Co-host)
- PN Pallavi Nalle (Co-host)
- Army lovers
- AS Aarti Shingne
- AZ Abhay Zanke
- AM Abhijeet More
- Akash Shinde
- a akash suradkar
- AT Amit Thakur

1

Unmute Stop Video Security Participants 51 Chat Share Screen Reactions Apps More Leave

40°C 5:32 PM 5/11/2022

Zoom Meeting

Recording...

View

shivganga lokha... shivganga lokhande	Dr-Dhananjay Dhojar	Narendrakumar Thakare	Dr. Gajanan A. Bodkhe	Pallavi Nalle
Sukanya Solanke Sukanya Solanke	Sunita Kalakhe	Vaishnavi.R.Mha... Vaishnavi.R.Mhaske	Abhijeet More Abhijeet More	Dipika Gaikwad Dipika Gaikwad
Komal Jadhao Komal Jadhao	Bhushan Kale Bhushan Kale	Rajlaxmi Ghady... Rajlaxmi Ghadyale	Suvarna Rajendr... Suvarna Rajendra Sonune	Shital Ambhore Shital Ambhore
PRAJWAL KHANDARE	Vaibhav Ramesh... Vaibhav Ramesh Gaikwad	Rushikesh karva... Rushikesh karvande	Pratik Hatekar	akash suradkar
Vaishnavi Dukare Vaishnavi Dukare	Sakshi karhade Sakshi karhade	Pranjali gawai Pranjali gawai	Komal sawale Komal sawale	Rhutuja Dayaje Rhutuja Dayaje

Unmute Stop Video Security Participants 51 Chat Share Screen Pause/Stop Recording Reactions Apps Leave

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40°C ENG 5:33 PM 5/11/2022

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Dr. Pallavi Nalle is presenting

Shri Shivaji Science & Arts College, Chikhli
Dist. Buldana.
Department of Physics
Online One Week Certificate Course on Nanotechnology
MODULE 1

Presented by
Dr. Nalle Pallavi
 (Asst. Prof.)
 Dept of physics
 Shri Shivaji Science & Arts College, Chikhli Dist. Buldana.

Dr. Pallavi Nalle	Amol Kharat
Radhika Dasture	Vaishnavi Dukare
renuka raut	BHUSHAN KALE
23 others	You

3:20 PM | vyr-bveb-igd

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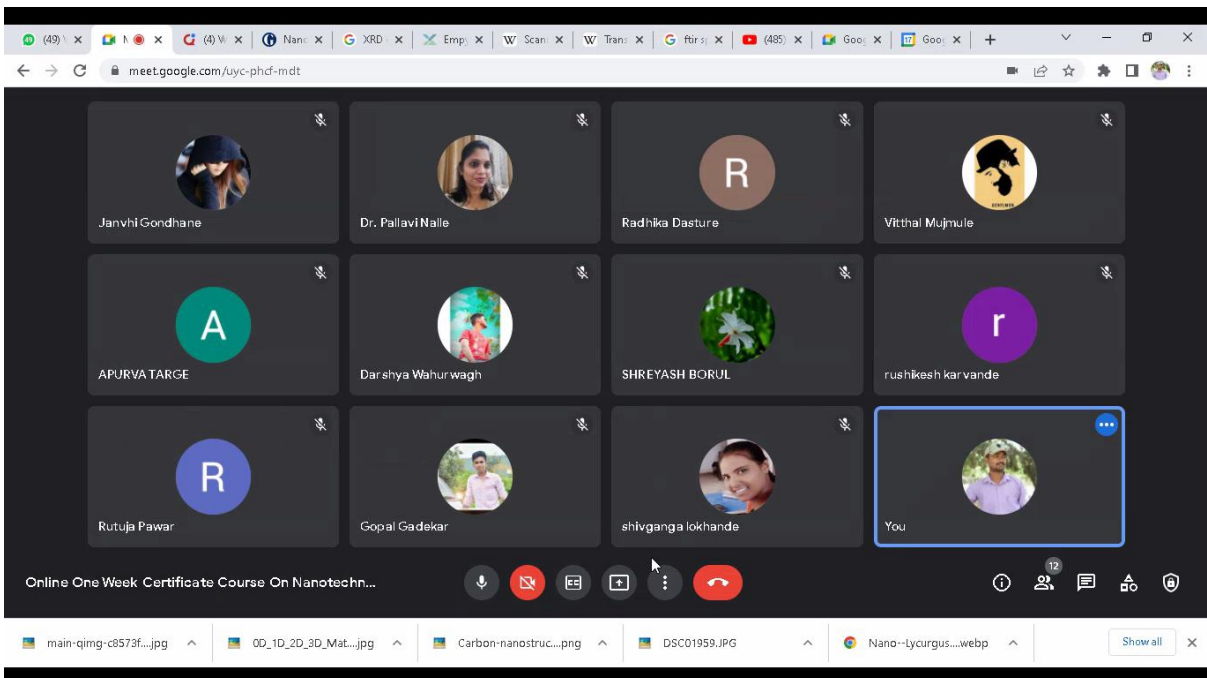
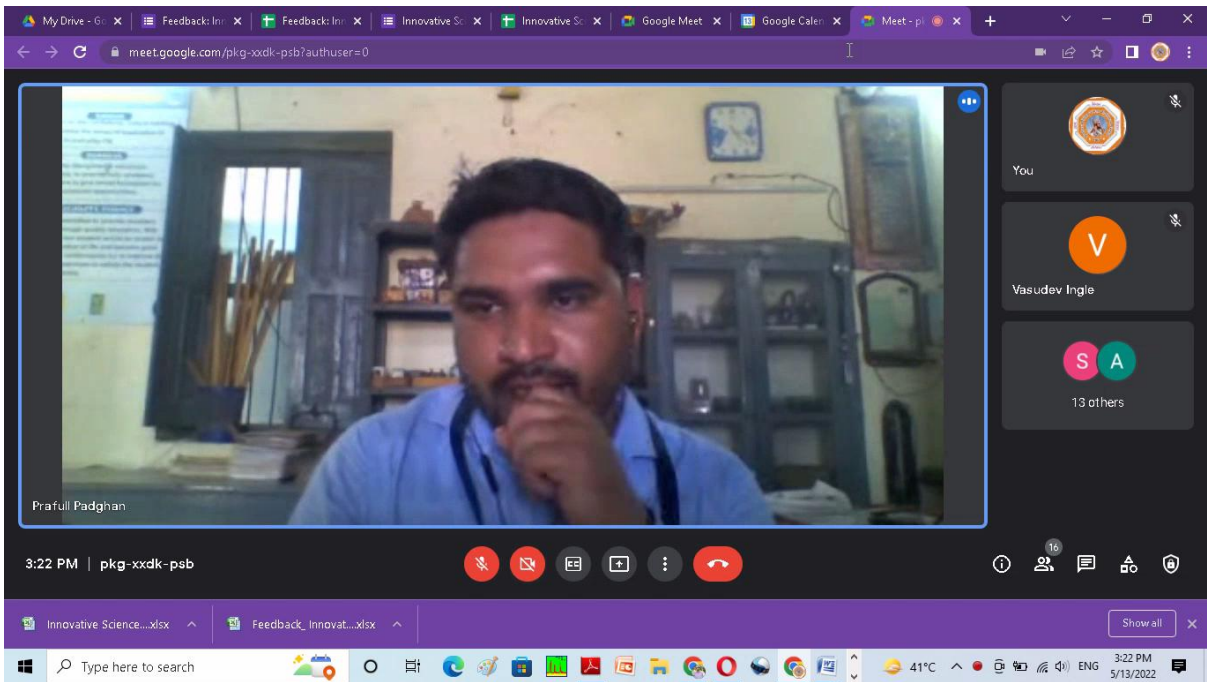
Prafull Padghan is presenting

Contents

- Introduction
- Need to understand Properties of nanoparticles
- Why properties of nanoparticles are different?
 - ✓ Relative surface area
 - ✓ Quantum Confinement
- Properties of nanoparticles: Physical, Mechanical, Thermal, Chemical, Electronic, And Magnetic Properties

14 others

3:22 PM | pkg-xxdk-psb



meet.google.com/lyc-phd-mdt

You're presenting to everyone Stop presenting

You are presenting your screen

Janvhi Gondhane

Dr. Pallavi Nalle

Radhika Dasture

Vitthal Mujmule

APURVA TARGE

Darshya Wahurwagh

SHREYASH BORUL

0 others

You

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Online One Week Certificate Course On Nanotechn...

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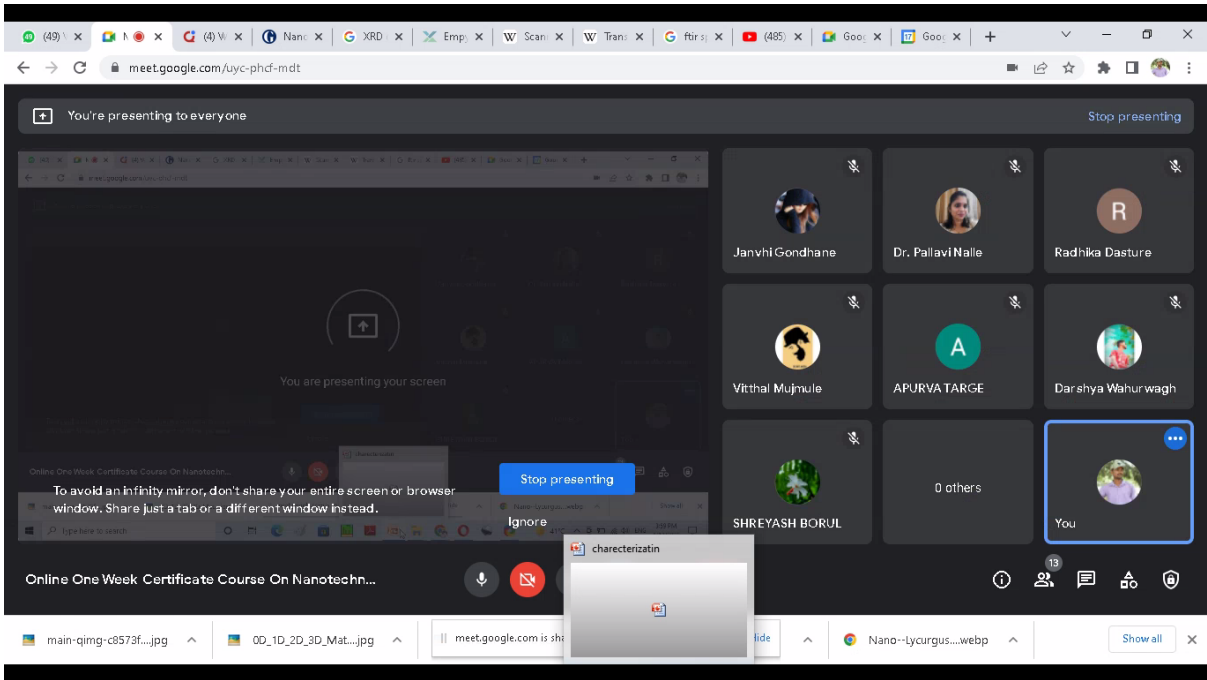
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Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College Chikhli,
Dist. Buldana

Accredited by NAAC B++ Grade (CGPA 2.82)



Department of Physics

Organized

Online One Week Certificate Course

On

Nanotechnology

11th to 18th May 2022

Time:- 08:00 to 6:00 PM

Organizer

Dr. Omraj S. Deshmukh

Principal

Organizing Committee

Dr. V. U. Pocchi

IQAC coordinator

Mr. N. B. Thakare

Convener

**Head, Department of
Physics**

Dr. D. N. Bhojar

Course Coordinator

Dr. V. B. Huse

Member

Dr. P. B. Nalle

Member

Dr. P. P. Padghan

Member

Technical Support

Mr. E. L. Jadhao

Technical Support

Mr. A. B. Bahekar

Technical Support

Objective of the course

1. To develop basic understanding and interest in nanotechnology and among the students.
2. To introduce them research aptitude.
3. To enhance their skills about research.
4. To understand importance of nanotechnology material science.
5. To understand importance of nanotechnology in current Environmental clashes and Global Warming

Learning Out come

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.

Course Fee : Not Applicable

Eligibility: XII Science/Any Graduate and Post Graduate students as well as interested entre preneurs can apply for this certificate course.

Link for Registration: <https://forms.gle/PPM8bCr31MqU1fpeA>

for

Whats App Group:

<https://chat.whatsapp.com/DXJrDUsqQpS6NHOLpFacJt>

Syllabus

Module 1:

Introduction to nanotechnology:

Nano science, nanoparticles, history of nanoparticles, nanotechnology, effect of size on nanoparticles.

Module 2:

Nanomaterials:

Types of nanomaterials, properties of nanomaterials (structural, morphological, electrical, magnetic, optical, superconductivity) application and drawbacks of nanomaterials.

Module 3:

Preparation method:

Synthesis of nanomaterials, types of synthesis method, physical method, chemical method, weight chemical method, green synthesis, application and drawbacks of synthesis methods.

Module 4:

Characterization techniques:

TG -DTA, XRD, FTIR, SEM, TEM, 2/4prob method (DC Resistivity), LCR- Q Meter (Dielectric), VSM etc.

Module 5:

Case Study

Case study of nanomaterial: oxides, ferrites, perovskite, graphene etc.

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Practical Session

1. Synthesis of oxide using hydro thermal method
2. Synthesis of ferrites using sol-gel method
3. Synthesis of perovskite using solid state method
4. Synthesis of nanomaterial using chemical bath deposition method.
5. Synthesis of thick film using doctor blade method
6. Analysis of nanomaterial

Practical sessions will be demonstrated through offline platform

Course Structure

Course Name:- Naotechnology

- ❖ Number of Modules : 05
- ❖ Number of Theory (Hours) : 10
- ❖ Number of Practical (Hours) : 20

Examination Scheme

- ❖ Internal Marks : 20
 - ❖ Theory Marks : 40
 - ❖ Practical Marks : 40
- Total Marks : 100**

Important Instructions

- ✓ Registration is mandatory for enroll for this course.
- ✓ Lectures will be conducted on Zoom/Google meet platform.
- ✓ For the successful completion course it is mandatory for each participant to submit assignments on Google Classroom.
- ✓ At the end of course exam will be conducted.
- ✓ Each participant should score a minimum of 40% in total to avail course completion certificate.



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College Chikhli,
Dist. Buldana

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Online One Week Certificate Course

On

Nanotechnology

11th to 18th May 2022

Time:- 08:00 to 6:00 PM

Time Table

Date/Time	08:00-09:00	09:00-10:00	03:00- 04:00	04:00-05:30	05:00- 06:00
12/05/2022	Lecture	Lecture	Practical	Practical	Practical
13/05/2022	Lecture	Lecture	Practical	Practical	Practical
14/05/2022	Lecture	Lecture	Practical	Practical	Practical
17/05/2022	Lecture	Lecture	Practical	Practical	Practical
18/05/2022	Lecture	Lecture	Practical	Practical	Practical
19/05/2022	Lecture	Lecture	Practical	Practical	Practical

Lecturers:-

Dr. G. A. Bodkhe (Guest lecture) South Korea

Mr. Sandeep Somavanshi (Guest lecture) USA

Mr. N. B. Thakare

Dr. P. B. Nalle

Dr. P. P. Padghan

Dr. D. N. Bhojar

॥ ज्ञानम् परम् ध्येयम् ॥



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana



॥ ज्ञानम् परम् ध्येयम् ॥

Online One Week Certificate Course on

Nanotechnology

Date: 11 / 05 / 2022

Organized By

Department of Physics



Patron



Hon'ble Shri Harshvardhan P. Deshmukh
President
Shri Shivaji Education Society, Amravati

Organizer



Dr. O. S. Deshmukh
Principal
Shri Shivaji Science & Arts College Chikhli

Keynote Speaker



GAJANAN A. BODKHE
Department of Food Science and Technology,
Yeungnam University,
South Korea.

Registration Link: <https://forms.gle/PPM8bCr31MqU1fpeA>

Whats App link : <https://t.me/joinchat/rvtxoflv0RA2Mzc1>

No Registration fees

Organizing Committee

Dr. V. U. Pochhi
Head, Department of Botany
Co- Convener & IQAC Coordinator

Mr. N. B. Thakare
Head, Department of Physics
Convener

Dr. D. N. Bhojar
Course Coordinator

Dr. V. B. Huse
Organizing Member

Dr. P. B. Nalle
Organizing Member

Dr. P. P. Padghan
Organizing Member



Inauguration Function

SCHEDULE

Time	Program/Topic	Resource Persons
04:00 PM	Welcome Address	Dr. V. U. Pochhi IQAC Coordinator
04:05 PM	Principal Address	Dr. O. S. Deshmukh Principal Shri Shivaji Science and Arts College Chikhli, Dist. Buldana
04:10 PM	Introduction of Resource Person	Dr. D. N. Bhojar Department of Physics,
04:12 PM	Keynote Talk (Sensors in Everyday Life and Detection of Environmental Pollutants)	GAJANAN A. BODKHE Department of Food Science and Technology, Yeungnam University, South Korea.
05:15 PM	Question Answer Session	(On Whats App Group)
05:15 PM	Vote of Thanks	Mr. N. B. Thakare Head, Department of Physics

Note :-

- The Webinar will be conduct on ZOOM & You tube both platform.
- ZOOM App & You tube link will be send on Whats app Group
- Join the Whats app Group for link and other information of Course.
- E- Certificate will be issued for all active participants who attend the Whats app Group.
- Feedback link will be available after completion of the Whats app Group.



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)

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ISO: 9001-2015

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.

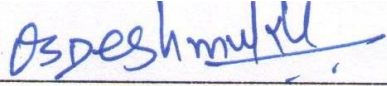
Dr. Omraj S. Deshmukh

Principal

Thanking You.

Date: 12|05|2022

Place: Chikhli


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

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

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Chikhli, Dist-Buldana



Online one Week Certificate Course on
Nanotechnology

11th to 18th May 2022



Feedback Form

- Name of Participant: Bhushan Vinayak Kale
- Contact Number : 8485092699
- Email : bhushanvkale2002@gmail.com

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

- Most Relevant
- Relevant
- Satisfied
- Less Relevant

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

- Excellent
- Very Good
- Good
- Satisfactory

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

- Extremely Effective
- Very Effective
- Somewhat Effective
- Slightly Effective

4) The session delivered the information as I had expected

- Agree
- Satisfied
- Disagree
- Strongly Disagree

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

- Strongly Agree
- Agree
- Satisfied
- Disagree
- Strongly Disagree

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

- Excellent
- Very Good
- Good
- Satisfactory

7) Give your valuable suggestions/ comments in short

The course was very effective and qualitative.



Shri Shivaji Education society, Amravati's
Shri Shivaji Science and Arts College,
Chikhli, Dist-Buldana



Online one Week Certificate Course on
Nanotechnology

11th to 18th May 2022

Feedback Form



- Name of Participant: *Ku. Dipika Sanjay Gaikwad*
- Contact Number : *9359060261*
- Email : *dipikagaikwad2003@gmail.com*

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

- Most Relevant
 Relevant
 Satisfied
 Less Relevant

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

- Excellent
 Very Good
 Good
 Satisfactory

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

- Extremely Effective
 Very Effective
 Somewhat Effective
 Slightly Effective

4) The session delivered the information as I had expected

Agree

Satisfied

Disagree

Strongly Disagree

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

Strongly Agree

Agree

Satisfied

Disagree

Strongly Disagree

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

Excellent

Very Good

Good

Satisfactory

7) Give your valuable suggestions/ comments in short

Extremely effective performance for us

Online one Week Certificate Course on Nanotechnology
11th to 18th May 2022
Registration

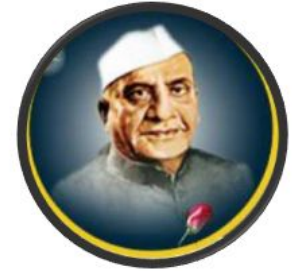
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5/10/2022 18:32:06	Dipika Sanjay Gaikwad	dipikagaikwad2003@gma	9359060261	Shri Shivaji Science &	Sant Gadge Baba Amrava	Science	U.G.	B. Sc. Year
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5/11/2022 12:57:23	Harshal Anil Gavhale.	harshalgavhale145@gma	9075596864	Shri shivaji sci and art	SGBAU	Science	U.G.	Bsc 3 rd sem vi
5/11/2022 13:27:29	Gopal Shivaji Gadekar	gadekargopal20@gmail	8459140901	Shri shivaji science an	AMRAVATI	Science	U.G.	B.Sc math 3rd year
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5/11/2022 13:49:11	Bhushan Vinayak Kale	bhushanvkale2002@gma	8485092699	Shri shivaji science an	Sant Gadge Baba Amrava	Science	U.G.	B.Sc.-II year
5/11/2022 13:51:06	Tushar Dadarao Suste	tusharsuste2511@gmail.	7666311763	Shri Shivaji Science ar	Amaravati University	Science	U.G.	B.Sc. - 2ND YEAR
5/11/2022 14:34:02	Rushikesh Shivaji Pangole	rushipangole143@gmail.	9356964518	Shri Shivaji Sci & Art's	Sant Gadge Baba Amrava	Science	U.G.	B. Sc 3rd year sem-6
5/11/2022 14:44:23	Surjitsing Pradeep Rajput	surjeetsingrajput@gmail.	930717635	shri shivaji science and	sgbau	Science	U.G.	B.sc.III(math)sem vi
5/11/2022 15:11:15	Dhanashri D. Khandagale	dhanashrik013@gmail.cc	7219671599	Department of physics	Dr. BAMU, Aurangabad	Science	P. G.	M.Sc.
5/11/2022 16:21:06	Mohd shafat ali khan parwez Ali	shafaatalikhan43@gmail	9730291738	Shiri shivaji science an	Amravati	Science	U.G.	B.Sc 2nd year
5/11/2022 16:36:26	Pratik Santosh Hatekar	pratikhatekar7@gmail.co	9130404431	Shri Shivaji science an	Amaravati	Science	U.G.	B.sc 2nd year
5/11/2022 21:54:08	Apurva Purushottam Targe	apurvatarge2807@gmail.	7743812601	Shri Shivaji Science Ar	Amravati	Science	U.G.	Bsc 3rd year
5/11/2022 21:56:26	Vaishnavi Umesh Dukare	vaishnaviudukare@gmai	8010335517	Shri Shivaji Science &	Amravati	Science	U.G.	B. Sc 1st
5/11/2022 21:57:41	Siddheshwar sanjay Kathole	siddhukathole2003@gma	8262986944	Shree shivaji art and s	SGBAU	Science	U.G.	B.Sc 1
5/11/2022 21:57:52	Mahesh Ashok Nemane	maheshnemane2001@g	9623773109	Shri shivaji sci & Art cc	Sgbau Amravati	Science	U.G.	B.Sc.3rd (5th sem)
5/11/2022 21:57:58	Nikita Dattatray Lahane	nikitalahane3001@gmail	7887492105	Shri Shivaji Sci & Art c	Sant Gadage baba amrav	Science	U.G.	B.Sc III year (VI sem)
5/11/2022 21:58:47	Sanket Khente	sanketkhente8767@gma	8767515883	Shri shivaji Science &	Amravati	Science	U.G.	B.Sc(Math)1st year
5/11/2022 21:58:50	Rutuja Bhagwan Pawar	pawarbhagwan90@gmai	9356602255	Shri Shivaji science an	Sant gadhebaba Amaravti	Science	U.G.	B.Sc.1st year
5/11/2022 21:59:02	Pruthviraj Dnyandeo Parihar	pruthvirajparihar280303@	8263825515	Shri Shivaji Art's And S	Amravati	Science	U.G.	BSC 2
5/11/2022 21:59:27	Rushikesh Samadhan karvande	rkarvande393@gmail.co	7218674413	Shri Shivaji science an	Amravati	Science	U.G.	B.sc.3
5/11/2022 21:59:43	Sachin Gajanan Surushe	Sachinsurushe2002@gm	9767527701	Shri Shivaji Science ar	Sant Gadge Baba Amara	Science	U.G.	B. Sc. 2nd year
5/11/2022 22:01:00	Shital rameshwar devhare	shitaldevhare101@gmail	7517674606	Shri shivaji science & a	Amravati	Science	U.G.	Bsc 2 nd year (semest
5/11/2022 22:04:21	Ku. Pooja Mahadev Todekar	poojatodekar2002@gma	8208883875	Shri Shivaji science an	Amravati University	Science	U.G.	B.Sc. II nd year (sem I'
5/11/2022 22:05:40	Suvarna Sugadev Jadhav	sjadhav902201@gmail.c	9022013890	Shri shivaji science & a	Amravati	Science	U.G.	B.sc II year
5/11/2022 22:11:50	Shreyash vilas borul	svborul2020@gmail.com	9130423446	Shri shivaji sci &art col	Amaravati	Science	P. G.	B-sc final year
5/11/2022 22:36:47	Om Shelke	omshelke763@gmail.cor	7666391597	Shri Shivaji art's and s	Amravati University	Science	U.G.	1st
5/11/2022 22:47:35	Sukanya Digambar Solanke	sukanyasolanke2002@g	7219402115	Shri shivaji science an	Amravati	Science	U.G.	B.Sc. 2nd year
5/12/2022 5:59:34	Roshani Anil Kalkonde	roshanikalkonde2001@g	8459738016	Shri Shivaji Science Ar	Amravati University	Science	U.G.	B. Sc 2nd
5/12/2022 6:27:56	Ku. Gayatri Raju Hoge.	gaytrihoge111@gmail.co	9373096413	Shri Shivaji Science ar	Amaravati	Science	U.G.	B.Sc 3rd year
5/12/2022 8:03:12	Sakshi Dattatray karhade	sakshikarhade9@gmail.c	9699400115	Shri shivaji Art and sci	Sant gadge baba amravati	Science	U.G.	B. Sc
5/12/2022 8:11:51	Vinayak Ashruba Sanap	vinayaksanap171@gmai	7517575133	Shri Shivaji Science ar	Amravati	Science	U.G.	B.sc IIIrd year
5/12/2022 8:13:42	Pranjali Sudhakar Gawai	pranjaliGawai0@gmail.co	9022612732	Shri Shivaji science an	Sant gadge baba Universi	Science	U.G.	B.Sc.2 year
5/12/2022 9:26:58	Radhika Milind Dasture	radhikadasture@gmail.cc	8550987971	Shree Shivaji Science	Amravati University	Science	U.G.	B.Sc.II
5/12/2022 14:31:10	Gayatri Dhananjay Rajput	gayatridrajput@gmail.co	9075578929	Shri Shivaji Science ar	Amravati	Science	U.G.	B.Sc 1st year
5/12/2022 14:34:31	Pratiksha Pralhad Misal	pratikshamisal2805@gm	9322008436	Shri Shivaji Science Ar	Amaravati	Science	U.G.	B. Sc. -I
5/12/2022 14:36:01	Rutuja Baban Shelke	rutujashelke9025@gmail	8421557603	Shir Shivraj Science Ar	Amravati	Science	U.G.	B. Sc-I (math)
5/12/2022 19:06:35	Ganesh Vithoba Solanki	ranaganesh2003@gmail.	8830857654	Shri Shivaji Science &	Amravati	Science	U.G.	B. Sc. 1
5/14/2022 15:43:17	Shantanu Ramchandra Golande	shantanurr09@gmail.cc	9011874870	Shree shivaji college of	Sant Gadge Baba Amrava	Science	U.G.	B. Sc 1st (Math)
5/15/2022 12:29:46	Aarti Ananta Shingne	aartishingne20@gmail.cc	9552504853	Shri Shivaji Science &	Amravati	Science	U.G.	B.Sc.I year

er 4)
V)



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 **Mr. Bhushan V. Kale** 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

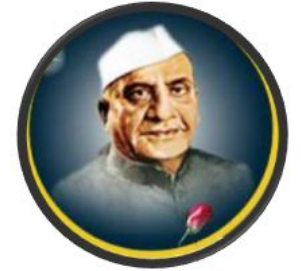
Dr. V. U. Pochhi
IQAC Coordinator

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



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. Gaikwad** 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***

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