



Nanded Education Society's  
**Science College, Nanded**

Tel: 02462-250 465, 251 648

[www.sciencecollegenanded.org](http://www.sciencecollegenanded.org)

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

(Reaccredited with "A" grade by NAAC with (CGPA 3.38)

3rd Cycle, CPE Status, DST-FIST, Best College Award (SRTMUN)

**SELF STUDY REPORT**  
**FOR**  
**IV CYCLE OF REACCREDITATION**



## **Criteria- VII**

### **(Institutional Values and Best Practices)**

**(Key Indicator- 7.2 Best Practices)**

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

**Best Practice-I**  
**Science Exhibition**  
**for**  
**School and**  
**College students**

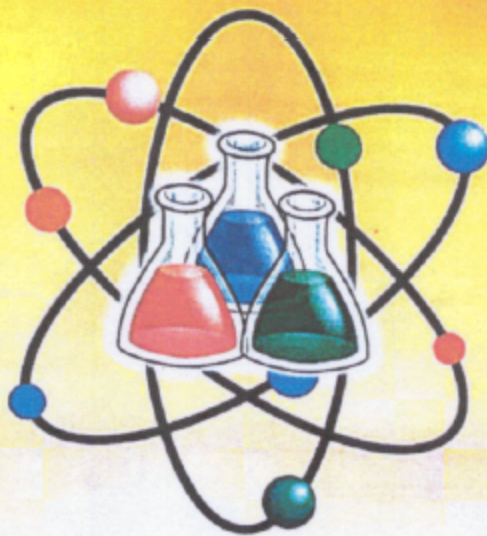


# NANDED EDUCATION SOCIETY'S SCIENCE COLLEGE, NANDED.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)  
(Re-accredited with "A" grade by NAAC with (CGPA 3.38) 3<sup>rd</sup> Cycle, CPE Status, DST - FIST,  
NIRF Rankign-72 (Year - 2017), Best College, award SRTMUN)



## Report On SCIENCE EXHIBITION



### NATIONAL SCIENCE DAY (28<sup>th</sup> Feb. 2023)

Organized by  
 Science Association



**Dr. K. S. Shillewar**  
 Convenor  
 Science Association



*[Signature]*  
 **Dr. D. U. Gawai**  
 Principal

**PRINCIPAL**  
 Science College, Nanded

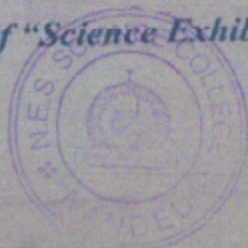
## Science Association 2022-23

**Dr. K. S. Shillewar**  
Convener

In order to commemorate the discovery of the Raman Effect in India by the Indian physicist, Sir Chandrasekhara Venkata Raman in the year 1930, the day is celebrated as National Science Day. For his great success in the field of science in India, Chandrasekhara Venkata Raman had been awarded and honored with the Nobel Prize in the Physics in the year 1930. To honor this event, 28<sup>th</sup> of February is observed as a National Science Day in India by the National Council for Science and Technology Communication (NCSTC).



*Inaugural program of "Science Exhibition" 2022-23*



In the beginning of this year, Science Association was established to perform various activities from the students of Science College. On 28<sup>th</sup> February 2023 "Science Association" organized 'Science Exhibition' On 28<sup>th</sup> February 2023 (National Science Day) Science Exhibition inaugurated by the auspicious hand Shri. Shrikrushna Kokate, Superintendent of Police, Nanded. Convener of Science Association Dr. Kiran Shillewar Welcome address briefed the gathering about the objectives of celebrating National Science day. On this occasion, a motivational and inspirational talk was delivered by chief guest of program Dr. Venkatesh Kabde.



*Dr. Venkatesh Kabde Giving Guideline to Students.*



Motivational and inspirational talk was delivered by President of Program Dr. D.U. Gawai. (Principal Science College, Nanded.)

Program anchored by Dr.Mrs. D.V. Totawar and vote of thanks given by Dr. Vishal Marathe.



*Dr. D.U. Gawai. Giving Guideline to Students.*



Science Exhibition  
*Student's Presenting Demo/ Poster*



Student of Science College explain their poster and demo.  
147 participated in science exhibition.





Poster Presentation



Demo Presentation







College Staff, Science College, Nanded.



*[Handwritten Signature]*  
PRINCIPAL  
Science College, Nanded



## Science Association 2021-22

Dr. K. S. Shillewar  
Convener

In order to commemorate the discovery of the Raman Effect in India by the Indian physicist, Sir Chandrasekhara Venkata Raman in the year 1930, the day is celebrated as National Science Day. For his great success in the field of science in India, Chandrasekhara Venkata Raman had been awarded and honored with the Nobel Prize in the Physics in the year 1930. To honor this event, 28<sup>th</sup> of February is observed as a National Science Day in India by the National Council for Science and Technology Communication (NCSTC).



Inaugural program of "Science Exhibition" 2021-22



In the beginning of this year, Science Association was established to perform various activities from the students of Science College. On 28<sup>th</sup> February 2022 "Science Association" organized 'Science Exhibition' of Human Organs'. On 28<sup>th</sup> February 2022 (National Science Day) Science Exhibition inaugurated by the auspicious hand Dr. Venkatesh Kabde (President N.E.S. Nanded) Convener of Science Association Dr. Kiran Shillewar Welcome address briefed the gathering about the objectives of celebrating National Science day. On this occasion, a motivational and inspirational talk was delivered by chief guest of program Dr. Venkatesh Kabde.



*Dr. Venkatesh Kabde Giving Guideline to Students.*



Motivational and inspirational talk was delivered by  
President of Program Dr. D.U. Gawai. (Principal Science College,  
Nanded.)

Program anchored by Dr.Mrs. D.V. Totawar and vote of  
thanks given by Dr.Mrs. S.D. Wadje.



*Dr. D.U. Gawai. Giving Guideline to Students.*

Staff of Govt. Medical College and Staff of Science College  
shown and explain preserved human organ, Kidney, Liver, Brain,  
Testis etc



HUMAN ORGANS



**PATH BABY**



**LIVER**



**BRAIN**



**STOMACH**





**HEART**



**LIVER**



**KIDNEY**



**LUNGS**





*student's visited and observed Human Organ.*



*Staff of Govt. Medical College, Nanded.*

Science College, Yashwant College, N.S.B. College with special school student's visited and observed Human Organ.







Near about 745 students visited and observed Human Organ in Science Exhibition, organized by Science College, Nanded.



*[Signature]*  
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Science College, Nanded

## Science Association

Year 2018-19

Dr. K. S. Shillewar  
Convener

In the beginning of this year, Science Association was established to perform various activities from the student of Science College, Nanded. Near about 534 students has expressed their willingness to Join as a member of Science Association and from these member a executive body of Association was formed. We selected executive body member of Science Association are as follows.

The following Candidate are selected for the Year 2018-19

**Mr. Shubham Shinde (President)**

**Ku. Nikita Keshave (Executive President)**

**Ku. Abhilasha Pawar, (Vice-President)**

**Mr. Sohan Shinde (Vice-President)**

Mr. Rahul Bhagat	(Secretary)
Mr. Shahed Shaikh	(Secretary)
Mr. Omkar Ambekar	(Secretary)
Mr. Vinayak Awad	(Secretary)
Mr. Darshan Bhise	(Secretary)
Mr. Vedant Gaikwad	(Secretary)
Ku. Pratiksha Khole	(Joint Secretary)
Ku. Firdous Fatema M. Khalil Baig	(Joint Secretary)
Mr. Ajay Rathod	(Joint Secretary)
Mr. Satish Jagtap	(Joint Secretary)
Mr. Durke Prashant	(Joint Secretary)
Ku. Sadichha Gaikwad	(Joint Secretary)



*[Handwritten Signature]*  
PRINCIPAL 1  
Science College, Nanded.



*Inaugural program of "Science Association" 2018-19*

On 28<sup>th</sup> December 2018 "Science Association" inaugurated by the auspicious hand Dr. Ajit Gopchade (MCI Member and Vice – President Doctor Council, Maharashtra State) Chief Guest of program.



*Dr. Ajit Gopchade Giving Guideline to Students.*



Dr. Venkatesh Kabde (President N.E.S. Nanded) by the way of "Science Association" 1<sup>st</sup> time we organized Human's organs exhibition in our College.



*Dr. Venkatesh Kabde Giving Guideline to Students.*

Govt. Medical college PG & UG student participated in this program and shown human organs given the demo of Heart, Kidney, Liver etc.





BRAIN



STOMACH



HEART



LIVER



KIDNEY



LUNGS

Govt. Ayurved College also participated in this program with different type of poster about human body diseases.



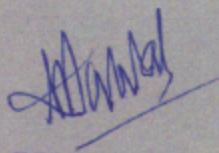




Gramin Dental Medical College also participated in program, UG and PG student of Dental College Presented a demo on teeth.

During this year Science Association has conducted various meeting with the students and with members of Science Association to organize and conduct various activities.



  
PRINCIPAL  
Science College, Nanded

## Science Association – 2017-2018

In the beginning of this year, Science Association was established to perform various activities from the student of Science College, Nanded, near about 565 students has expressed their willingness to join as a member of Science Association and from these members a Executive body of Association was formed. We selected executive body member of Science Association are as follows-

### SCIENCE ASSOCIATION 2017-18

The Following Candidate Are Selected for the Year 2017-18

Mr. Satish Mijgar

(President)

Mr. Mastan Pinjari, Mr. Shubham Shinde

(Vice – President)

Ku. Abhilasha Pawar (Secretary) Ku. Nikita Keshave  
(Secretary)

Ku. Shraddha Kulkarni (Secretary)

Mr. Ritesh Padhye (Secretary)

Mr. Vishal Patil (Secretary)

Mr. Sanket Patode (Secretary)

Mr. Ambekar Omkar (Secretary)

Mr. Pathan Shaker (Secretary)

Ku. Dhimdhime Mranal (Joint Secretary)

Ku. Shital Biradar (Joint Secretary)



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Ku. Bhosle Manisha (Joint Secretary)

Ku. Dhole Jyoti (Joint Secretary)

Mr. AwadVinayak(Joint Secretary)

Mr.SonkambleRupesh (Joint Secretary)

Mr.ShindeSohan (Joint Secretary)

Mr.Bhagat Rahul (Joint Secretary)

On 09 Sept 2017 "Science Association" inaugurated by TheDYSP Shri  
AbhijeetFaske,Chif Gust Dr. VenketashKabde (Prisidant N.E.S. Nanded)

Inaugration of Science Association 257 students participated in poster  
presentation,Demo presentation form Science College, YeswantCollege,M.G.M  
College, I.T.M College, Nanded.

On the Occasion of S.R.T.M.Uiversity, Nanded establishment day we organized  
poster presentation.

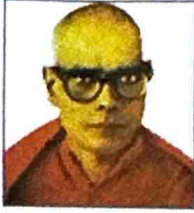
During this year Science Association has conducted various meeting with staff  
members of Science Association to organize and conduct Various activities.



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**Best Practice-II**

**Best from Waste**



**Report on**

**One Day Seminar on**

**“E-Waste Management”**

**13<sup>th</sup> Jan 2024**

**Organized by**

**Department of Computer Science**

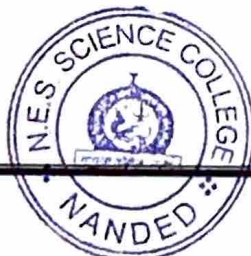
**N.E.S. Science College, Nanded 431605**

**Tel: 02462-251648**

**Fax No: 02462-250465**

**[www.sciencecollegennd.org](http://www.sciencecollegennd.org)**

**[principal@sciencecollegennd.org](mailto:principal@sciencecollegennd.org)**



  
**PRINCIPAL**  
**Science College, Nanded**

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**Report on**

**One Day Seminar on**

**“E-Waste Management”**

**13<sup>th</sup> Jan 2024**

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**[www.sciencecollegennd.org](http://www.sciencecollegennd.org)**

**[principal@sciencecollegennd.org](mailto:principal@sciencecollegennd.org)**



## **Patrons**

**Dr. Venkatesh Kabde**

President, Nanded Education Society, Nanded.

**CA. Dr. Pravin Patil**

Vice-President, Nanded Education Society, Nanded.

**Sow. Shymal Patki**

Secretary, Nanded Education Society, Nanded.

**Shri. Prafulkumar Agrawal**

Joint-Secretary, Nanded Education Society, Nanded.

## **Organizing Committee**

Convener

**Dr. D.U. Gawai, Principal**

Co-Convener

**Dr. R.A. Munneshwar, I/C Head of Computer dept.**

Organizing Secretary

**Dr. U.S. Patki Dr. Sangita S. Modi**



**Organizing Committee**

Dr. L.P. Shinde  
Dr. A.R. Shukla  
Dr. E.M. Khillare  
Dr. A.T. Shinde  
Dr. B.D. Gachande  
Dr. S.R. Pingalkar  
Dr. D.R. Munde  
Dr. V.V. Kulkarni  
Dr. K.S. Shillewar  
Dr. P.R. Kulkarni  
Dr. A.P. Borikar

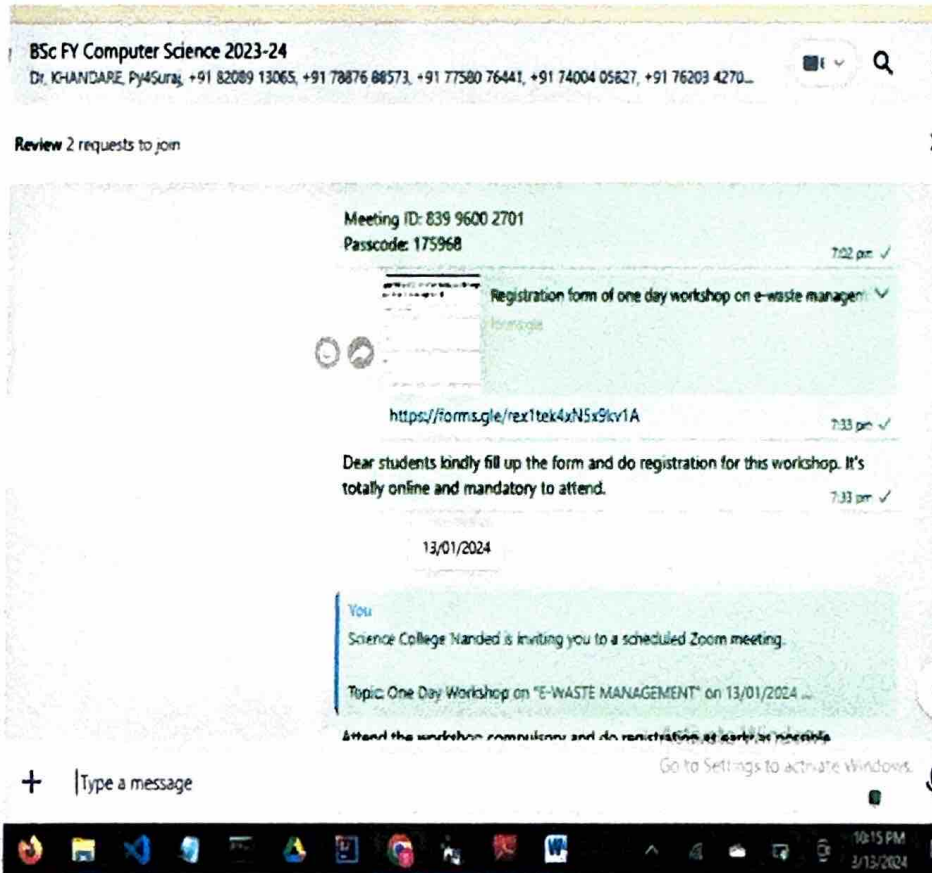
**Members of Department of Computer Science**

Mr. J.R. Duve  
Mrs. Sukeshna Narwade  
Ms. Yogeshwari Choudhary



## Call for Participation

### Message circulated among the participants for using Whats APP Notice





## Registration Form:

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CHAPTER 1. WELC... Project Report For... COVID-19 CT Lun...

### N.E.S. Science College Registration form of one day workshop on e-waste management

sangita19modi@gmail.com [Switch account](#)

\* Indicates required question

**Email \***

Your email

**Name \***

Your answer



## Resume of Resource Person

**Name: Ms. Rashmi Joshi** Address: 7-A,  
Nandadevi, Anushakti Nagar, Mumbai-  
400094

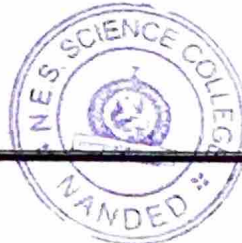
**Currently working as Environment Consultant for last more than 14 years with a special focus Composting, E-waste Collection Drives, Seedball making and Kitchen Gardening**

### Educational Qualifications

M.A. (Greek Philosophy), NET Exam Qualified

### Experience

- Lecturer at Ruparel Junior College, Khalsa Degree college, Government Law College and Mumbai University
- Public awareness related to environment issues-
- Creating awareness among students in particular and society in general by delivering lectures, guidance, training and implementation of composting projects at schools, colleges, housing societies, etc.
- E-waste collection, plastic waste collection and sending it for recycling – from approximately 50 colleges of Mumbai, Navi Mumbai, Thane, Pen (Raigad) & Ratnagiri; 200 plus housing societies and 25 Schools and other institutions including the corporates.
- Organisation of E-waste collection drives in 40 colleges, 25 schools and 50 residential colonies of Mumbai, Dombivali, Thane & Navi Mumbai and collected around & 20 ton of E-waste and its disposal for scientific recycling to Government approved recycler. This way the E-waste reached there cycling facility instead of reaching the dumping ground.
- Similarly, composting projects were completed at several locations and few hundred tons of wet waste in the form of kitchen waste and garden waste was prevented from reaching the dumping ground.
- Conducted around 2000 plus awareness lectures on Solid Waste Management in various Educational Institutions, Housing Societies & other Institutions.
- I was also involved in organization of Plastic Waste Collection Drive in various educational institutes and handed over the collected waste to an NGO.
- Signing MoUs for Environmental Projects.
- Conducting Gender Audit Report.
- Composting, Seedballs Making and Organic Farming workshops at various places.



### **Webinars conducted**

Guru Nanak College of Arts, Science and Commerce, Sion

N. G. Acharya and D. K. Marathe College Chembur K.

J. Somaiya College of IT, Sion

Raman and Arya DAV College, Bhandup V.

K. Krishna Menon College, Bhandup

KPB Hinduja College of Commerce, Mumbai

Bharat Vikas Parishad, Kalyan

University of Mumbai, Ratnagiri Sub-Centre, Ratnagiri K.C.

College of Engineering, Thane

Motilal Jhunjhunwala College, Vashi B.

N. Bandodkar College, Thane HACSE

Mumbai

APSIT, Thane

Vishvamangalya Chhatrasabha, Parbhani

MMK College, Bandra

Jai Hind College, Churchgate

RPH College of Hospitality Management, Mumbai Dr.

B. R. Ambedkar College, Wadala

K. B. College of Arts and Commerce for Women, Thane

Thakur College, Kandivali

N.G. Acharya and D. K. Marathe College, Chembur

MMBGIMS, Mumbai

ESIC, Government of India.

School of Business Management, Hyderabad.

VES College of Polytechnic, Chembur

### **Awareness on Radio**

Interviews on All India Radio Mumbai and All India Radio Nagpur on—

- Solid Waste Management (SWM) projects supported by United Nations 'Development Programme (UNDP)
- Importance of E-waste collection & recycling
- Green Audit
- Plastic Waste
- Sewage Water Treatment
- Seed-ball making
- Importance of indoor plantation

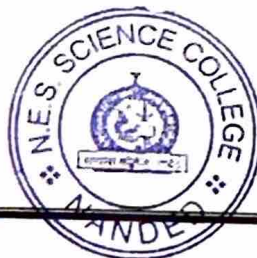
### **Media Coverage**

- Interview on ZEE24TAA
- Interview on DD Sahyadri
- Interview on Acharya FM
- News Coverage in "Navshakti"
- News Coverage in "Maharashtra Times"
- Coverage in Hindustan Times, Lokmat and Mumbai Sakaal Newspapers.
- Interview in Vihaan 2020 festival, VES College of Arts, Science and Commerce, Mumbai)




### **Awards and Achievement**

- Felicitated by Thane Municipal Corporation as well as by F/North Ward of MCGM.
- Naari Swashakti Puraskaar.
- Guru Nanak College Award 2018
- Prasar Bharati Award for work in Swachh Bharat Abhiyan
- Kartrutvavaan Naariratna Gaurav Puraskar 2020
- Corona Warrior Awards (from 4 Organizations)



# Brochure of the program

<p style="text-align: center;"><b>Patrons</b></p> <p style="text-align: center;"><b>Dr. Venkatesh Kabde</b> President, Nanded Education Society, Nanded</p> <p style="text-align: center;"><b>CA. Dr. Pravin Patil</b> Vice-President, Nanded Education Society, Nanded</p> <p style="text-align: center;"><b>Son. Shyamal Patil</b> Secretary, Nanded Education Society, Nanded</p> <p style="text-align: center;"><b>Shri. Praful Agrawal</b> Joint-Secretary, Nanded Education Society, Nanded</p> <p style="text-align: center;"><b>Convener</b> <b>Dr. D.U. Gawal, Principal</b></p> <p style="text-align: center;"><b>Co-Convener</b> <b>Dr. R.A. Muneswar, EC Head of Computer Dept.</b></p> <p style="text-align: center;"><b>Organizing Secretary</b> <b>Dr. Mrs. S. S. Modi     Dr. U.S. Patil</b></p> <p style="text-align: center;"><b>Members</b> <b>Mr. J.R. Darve</b> <b>Mrs. Ishreshna Narwade</b> <b>Ms. Yogeshwari Choudhary</b></p>	  <p><b>Nanded Education Society's</b> <b>SCIENCE COLLEGE, NANDED</b> One Day Workshop <b>ON</b> <b>E-Waste Management</b></p> <p><b>Resource Person</b> <b>Ms. Rashmi Joshi</b> Environment Consultant/Member</p> <p><b>Mrs. Pallavi Chaturphale</b> Asst. Prof. in Computer Science, Poo Dr. Rajgad</p> <p><b>Date: 15-01-2024</b></p> <p>Organized by <b>Department of Computer Science &amp; IT</b></p> <p><small>N.E.S. SCIENCE COLLEGE, NANDED Established in 1981, Affiliated to Poo Dr. Rajgad, Nanded Nanded Education Society, Nanded-431005 Nanded, Maharashtra Website: www.nandededucation.org</small></p>
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<p><b>Introduction</b></p> <p>The rapid advancement of technology has led to an unprecedented proliferation of electronic devices, contributing to the surge of electronic waste (e-waste) as a significant global challenge. Wastes, posing the environmental and health threats posed by improper disposal and management of e-waste, which often contains hazardous materials such as heavy metals and toxic substances.</p> <p>Now, therefore, we, the undersigned, in recognition of the urgency and importance of addressing the challenges posed by e-waste, hereby establish and commit to the principles outlined in the E-Waste Management Plan. Through collaborative efforts, responsible practices, and ongoing education, we aim to create a sustainable and environmentally conscious approach to managing electronic waste for the benefit of current and future generations.</p> <p><b>About Science College</b></p> <p>N.E.S. Science College, Nanded is a single Faculty College, founded by a great visionary and leader of Hyderabad Education through Pragyashree Educational Trust. The College is accredited with 'A' grade by MAAC with CGPA 3.18 in 1st Cycle, MBE-2 in 2017, DWT-1001, Best College awarded by NEDS-2018 in 2018 and also awarded with "College with Potential for Excellence (CWE)" by UGC.</p>	<p><b>Objectives of Course</b></p> <ul style="list-style-type: none"> <li>&gt; To impart awareness of E-waste Management.</li> <li>&gt; To raise awareness of the E-waste management.</li> <li>&gt; Educate on best practices for the collection, handling, and disposal of e-waste, emphasizing responsible methods to minimize negative environmental impacts.</li> <li>&gt; Encourage participants to develop actionable plans for implementing e-waste management strategies within their respective organizations or communities, fostering a commitment to sustainable practices.</li> </ul> <p><b>Resource Person</b></p> <p>Dr. L.P. Shinde, Vice-Principal (Science College) Dr. A.R. Shinde, Vice-Principal (Science College) Dr. E.M. Shinde, Vice-Principal (Science College) Dr. A.T. Shinde, Sr. Member Dr. B.B. Chaudhary     Dr. J.R. Phalgade Dr. D.K. Mohale     Dr. V.V. Edkhar Dr. S.S. Shilpawar     Dr. P.R. Edkhar Dr. A.P. Bhatkar</p> <p><b>Organizing Secretary</b></p> <p><b>Date: 15/01/2024     Time: 10:30 am to onwards</b></p>
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## **Minute to Minute Inauguration Program Plan**

**Nanded Education Society's  
Science College, Nanded  
One Day Workshop  
on  
"E-Waste Management"**

### **Schedule of program**

<b>Sr. No.</b>	<b>Time</b>	<b>Event</b>	<b>Faculty</b>
1	10:30 am -10:35 am	Tribute to Poojya Swami RamanandTeerth	Dr.Mrs. S.S. Modi
2	10:35 am – 10:40 am	Welcome of the dignitaries	Dr.Mrs. S.S. Modi
3	10:40 am – 10:50 am	Brief introduction of Computer Department	Dr. R.A. MuneshwarSir
4	10:50 pm – 11:00 pm	Introduction of the Resource Person (The Chief Guest)	Dr.S. S. Modi
5	11:00 pm – 11:30 pm	Expert Talk of the Resource Person	Ms.Rashmi Joshi
6	11:30 pm – 11:35 pm	Introduction of the Resource Person (The Chief Guest)	Dr.U. S. Patki
7	11:35 pm – 12:20 pm	Expert Talk of the Resource Person	Mrs.PallaviChatuphale
8	12:20 pm – 12:25pm	Presidential talk	Dr.D.U Gawai sir
9	12.25pm -12.30pm	Vote of Thanks	Mr. J.R Duve



### **Summery of One Day Workshop**

The program was conducted at NASSCOM lab, Science College, Nanded. This program has been conducted by Department of Computer Science, Science College Nanded.

The program commenced by paying homage to Poojya Swami Ramanand Teerth, Founder and Chairman Nanded education society's, by lighting of lamp and offering floral tribute, and followed by welcome of all Patrons of Nanded Education Society's Nanded.

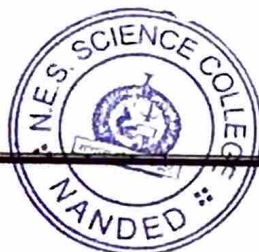
Dr. Sangita Modi, Organizing Secretary, has made an anchoring of this program.

Next, program co-Organizing Secretary, Dr. U. S. Patki, has given brief about department of computer science.

Co-Convener & President of this program Dr. L.P. Shinde sir, Vice-Principal, Science College Nanded, introduced in brief about Science College, Nanded.

Then, the Resource Person of this seminar Mr. Anil Mahajan Khandare, Software Engineer at Tech Mahajan Pvt. Ltd. he delivers their guest lecture on topic, **"Awareness of Latest Technologies & Career Opportunities in IT Industry's"**

Lastly vote of thanks has been delivered by the J.R. Duve Sir.



Certificate Of the workshop



**Nanded Education Society's**  
**SCIENCE COLLEGE, NANDED**  
One Day Workshop on  
**"E-Waste Management"**

Organized by  
**Department of Computer Science & I.T.**  
**CERTIFICATE**

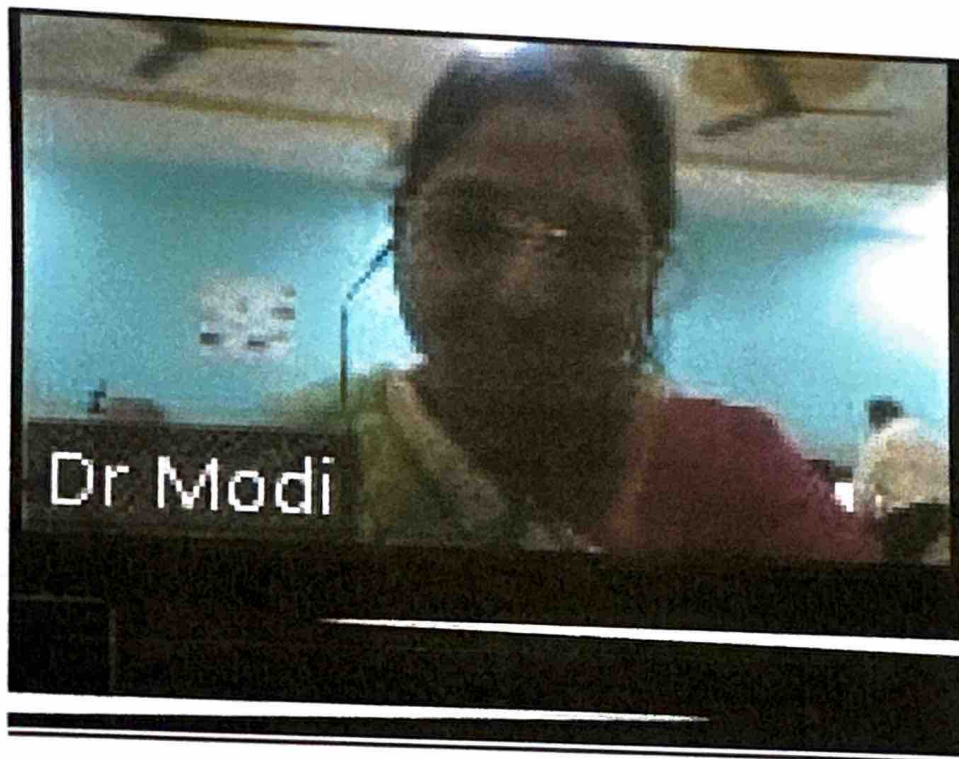
This certify that, Mrs./Miss./Mr. Satish S. Sontakke has participated in one day workshop on "E-Waste Management", held on Date:13/01/2024, organized by Department of Computer Science, Science College, Nanded.

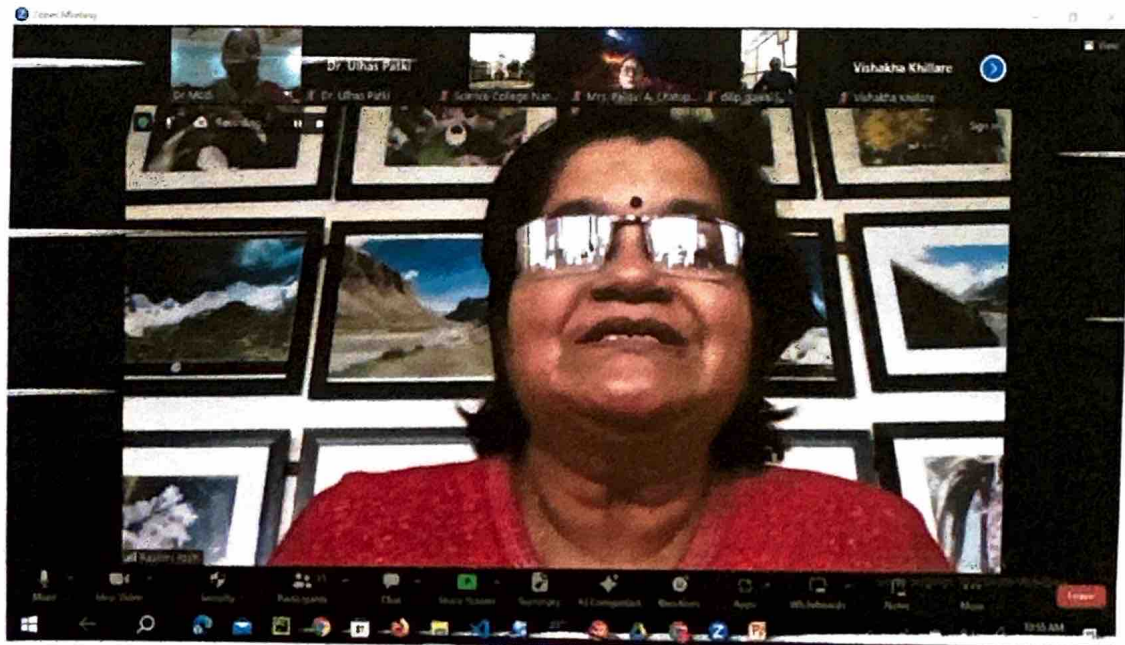
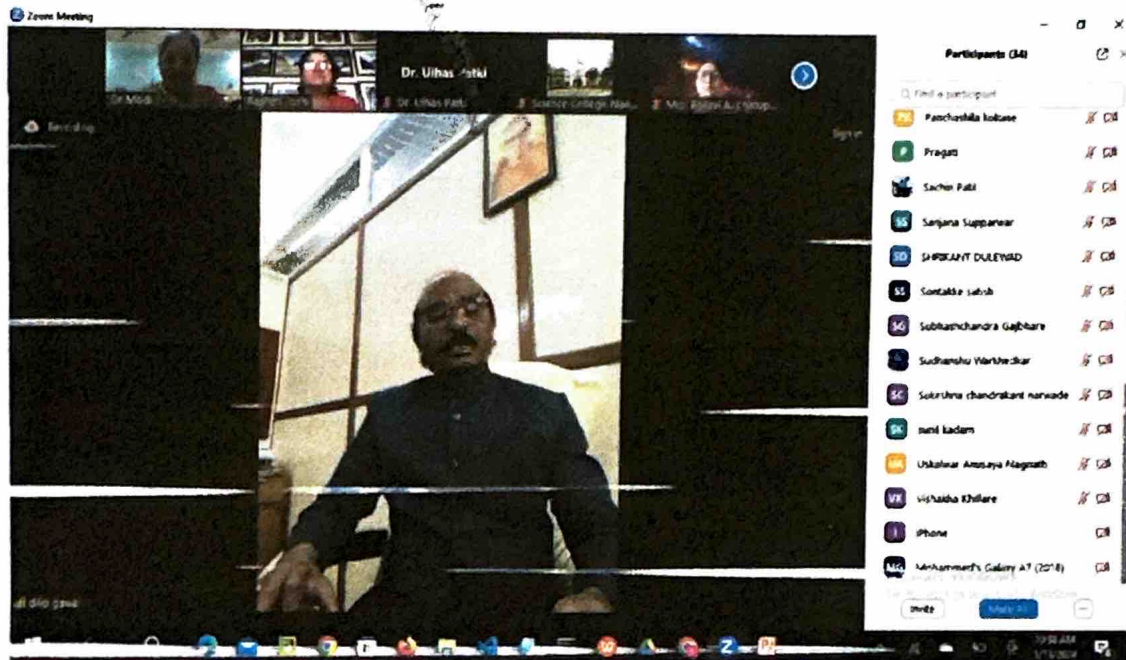
	<b>Organizing Secretary</b>		<b>Co- Convener</b>		<b>Principal &amp; Convener</b>
Dr. Mrs. S. S. Modi		Dr. R.A. Muneshwar		DR. D.U. Gawai	
Asst. Professor		I/c H.O.D. Comp. & Stat.		Science College, Nanded	





**Glimpes of the Program**





# Composition of E-Waste

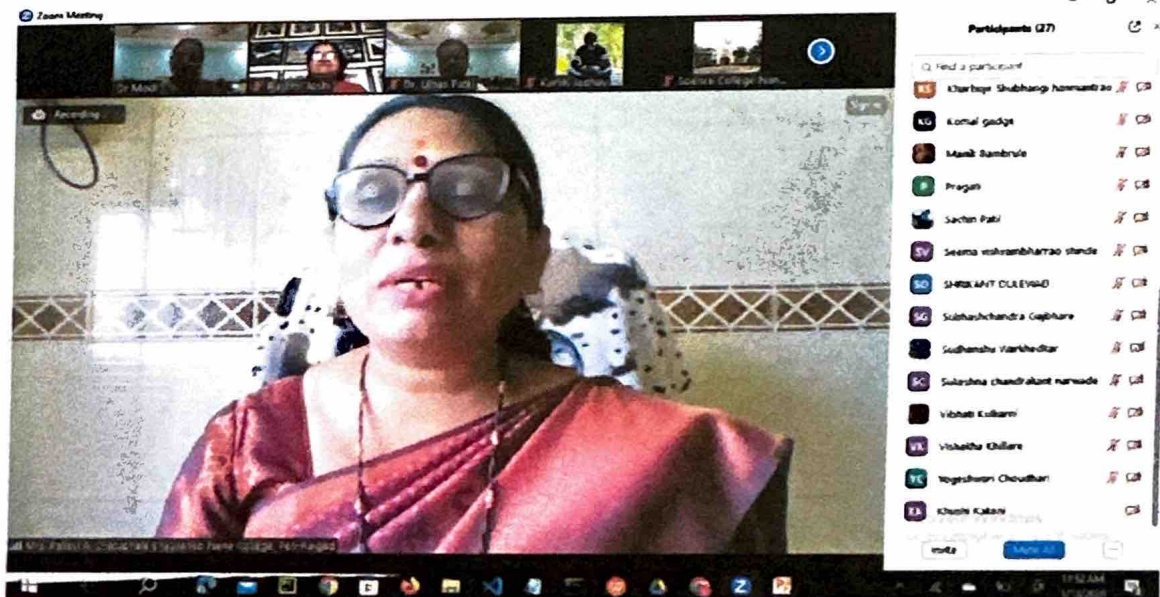
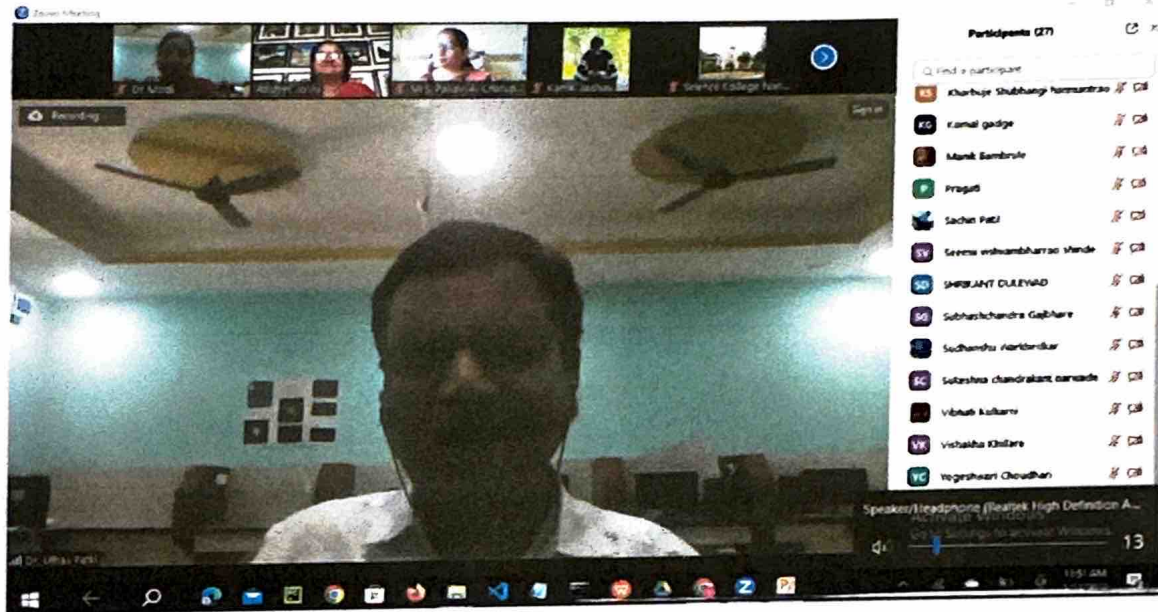
The various parts / materials / composition of e-waste may be broadly into **six categories** such as

- Iron and steel, used for casings and frames
- Non-ferrous metals, especially copper used in cables, and aluminium
- Glass used for screens, windows
- Plastic used as casing, in cables and for circuit boards
- Electronic components
- Others (rubber, wood, ceramic etc.).

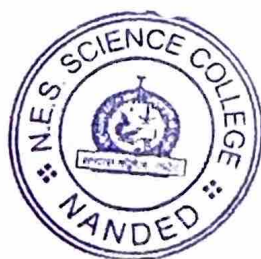


## Guru Nanak College of Arts, Science and Commerce, Sion, Mumbai





The screenshot shows a Zoom meeting interface. The main video area displays a collage with the following text: "Collect E-Waste", "Save Environment", and "All the Best". A central graphic features a green recycling symbol over a pile of electronic waste and a small green plant. On the right side, there is a grid of video thumbnails for participants, with the name "Dr. Usha P. V." visible at the bottom. Below the video area, the text "PES Bhausaheb Nene College, Pen - Raigad" is displayed. At the bottom of the screen, the Zoom control bar is visible, including icons for mute, video, chat, and other functions.



**Report of**  
**UGC-CPE Sponsored**  
**One-Day International Workshop**  
**On**  
**E-Waste: Awareness and its**  
**Management**

**9th January 2021**

Organized by

**Eco-Friendly Committee**

**N.E.S's Science College,**

**Nanded 431605**


Tel: 02462-251648

Fax No.: 02462-250465

[www.sciencecollegennd.org](http://www.sciencecollegennd.org)

[principal@sciencecollegennd.org](mailto:principal@sciencecollegennd.org)



  
PRINCIPAL  
Science College, Nanded  
Nanded  
Science College, Nanded

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**Patrons:**

***Hon. Dr. Venkatesh R. Kabde,  
President, Nanded Education Society's***

***Hon. Adv. Chaitanya Bapu. Deshmukh  
Vice President, Nanded Education Society's***

***Hon. Mrs. Shyamal D. Patki  
Secretary, Nanded Education Society's***

***Hon. Dr. CA Pravin S.Patil,  
Jt Secretary, Nanded Education Society's***

**Convenor:**

**Dr. D. U. Gawai,  
Principal  
Science College, Nanded**

**Co-Convenor**

**Dr. L P Shinde**

**Organizing Secretary:**

**Prof. A. S. Bansode**

**Organising Secretary**

**Dr. Mrs. Borkar P. S**

**Coordinator**

**Dr. Mohseena Thaseen**





## **Organizing Committee**

- 1. Prof. M. A. Joshi**
- 2. Prof. .D. D. Pawar**
- 3. Dr. Mrs. Shukla A.R**
- 4. Dr. V. R. Marathe**
- 5 Dr. Muneshwar R. A**
- 6. Dr. Borikar A.P.**
- 7. Dr. Satav P. D.**

## **Keynote Speaker**

**Dr. Anand Nayyar**  
Duy Tan University, Da Nang, Viet Nam

## **Resource Person-Industry**

**Mr. Kshitij Ghildiyal**  
Global Waste Solutions, New Delhi-

## **Resource Person-Industry**

**Mr. Anagh**  
Green Army Mentor,  
Project Head Bring Back Green, Kerala



## **THE COLLEGE...**

Poojya Swami Ramanand Teerth established "Nanded Education Society" in 1950 for catalyzing educational revolution in backward region of this Marathwada. N.E.S. Science College, a single faculty college of Nanded Education Society is one of the premier institution imparting quality educations to the students of this region since last 67 years. Swamiji in his vision of society emphasized the incorporation of spirit of enlightened and responsible citizenship in youth, essential for secular democratic India. The college is always poised to offer emerging contemporary education to the learners to fulfill the need of society as well as to meet global challenges. This institution has been on the forefront in pursuit of academic excellence and has attended potential for excellence (CPE) status from UGC. The college is DST-FIST sponsored and recently awarded as BEST COLLEGE AWARD by Swami Ramanand Teerth Marathwada University, Nanded.

The main objective and mission of college is overall development of students in all respect like academic, physical, mental, spiritual and moral to build up good citizen for the Republic of India. The college has lush green campus of 45 acres of land for curricular and co-curricular activities for stakeholders. The college offers 15 programs at UG level and 30-subject combinations. To keep pace with the advancement and diversification in the field of science and technology some applied subjects like integrated Computer Science, Biotechnology at UG, M.Sc. Biotechnology; and Herbal Medicine at PG level have been introduced.

### **Eco-Friendly Committee**

Eco-friendly Committee takes the lead for the environment review of college Campus. It makes awareness of Solid waste, Chemical Waste, Electronic Waste in the college. The Committee implement sustainable practices in the college to make college campus beautiful & make all stakeholder eco-friendly. In order to create awareness among the students, teachers and all who are associated with our college. NES Science College has come up with Formation of Eco –Friendly Committee in year 2015 headed by Prof. Shinde L.P. Convenor, Department of Chemistry.



Stakeholders, educators and students actively engaged in diverse awareness activities are included in the Eco-Friendly Committee.

The different activities carried out by the Eco-friendly Committee:

1. To encourage students to preserve and protect the environment
2. Preparation of Vermin-Compost from waste organic materials at college
3. Rain water storage on the college campus through the percolation tank
4. Fruit Farm for Birds Survival
5. The biodiversity park is preserved on campus by protecting numerous ornamental plants, rare plants, fruit plants, medicinal plants, etc.
6. In the chemistry laboratory, bio-gas plants and biogas are used for practical purposes.
7. Tree Planting takes place on a regular basis on the college campus and in the vicinity of the college.
8. Conduct of the State –level competition from the Waste State stage'

### **About the Workshop**

E-waste or Waste Electrical and Electronic Equipment (WEEE) is any electrical or electronic equipment which has been discarded. This entails working and broken things that are dumped into the landfill or offered to a reseller of charity such as Goodwill. Sometimes, it will be thrown away if the merchandise goes unsold in the market. E-waste is especially harmful because of poisonous chemicals that, when buried, spontaneously leach from the metals within.

There are also dangerous metallic chemicals in electrical devices, such as zinc, cadmium and beryllium, and brominated flame retardants. The amount of iron, copper, aluminum, gold, and other metals in e-waste is about 60 percent, while plastics account for about 30 percent and just about 2.70 percent of dangerous contaminants. (10) Of



many poisonous heavy metals, lead is the most widely used for various uses in electrical products, resulting in a number of health risks due to environmental pollution. Lea Children are more vulnerable to lead poisoning because they ingest more lead from their surroundings and their nervous system and blood are affected, more so than adults. E-waste disposal practices have been shown to have led to increased levels of blood lead in

As society is in still unaware its this danger however eco-friendly committee decided to conduct one day international awareness of workshop on E-Waste and Its Management

### **Call for Participation:**

All the participants were informed by whatsapp message, which includes telegram chat link for further information of the event and circular attached to it. However message was circulated, with an overwhelming response .to this E-Media and social media platform

### **Preparation and Planning Meeting Conducted**

Pre-preparation meetings were conducted ,main agenda were work distribution among the working Organizing meet , Two Meeting were conducted and demo was conducted on 8th January 2021 for expecting technical issues rectification if any arises

1. Anchoring Team was Headed By Dr.Borkar P S & Dr.Mohseena Madam
2. Technical –Regarding Social Media Messages and queries / Registration /Feedback /Telegram Link /Certificate/E-Content/ Letters for Keynote speaker/ resource person invitation/thanks letters was headed By Dr.Mohseena Madam
3. Hosting and Live Streaming live session was headed By Dr.Marathe sir & Mr.Ghatole Ganesh
4. Resource Speaker Managing was headed by Prof .Shinde L P & Prof Bansode A.S
5. Setting arrangements /Recording Tools /Schedule headed by Pro Bansode A.S

First Meeting was conducted on 5/01/2021 at IQAC Office , NES Science college at 1.00pm the main minutes of meeting was - progress of preparation of UGC-CPE Sponsored One Day International workshop On E-Waste



:Awareness and its Management was discussed, the difficulties were brought forwarded was resolved by Co-Convenor and Convenor Principal sir

Meeting was attended by

1. Prof..Bansode A S
2. Prof.Shinde LP
3. Dr Borkar P.S
4. Dr.Mohseena Thaseen
5. Dr. Marathe V R
- 6 Dr. Satav P D

Second meeting was conducted on 8<sup>Th</sup> of January 2021 from 11.00am to 5.00pm to check all the preparation done, even Demo was conducted on Zoom Platform at 3.30 pm onwards. However it was introductory session with organization team and keynote Speaker from Vietnam , Resource Persons from New Delhi , and Kerala along with President sir & Principal sir

### **The Message circulated among the participants for registration**

Greetings From Science College, Nanded, Maharashtra

**\*\* Happy New Year 2021\*\***

Nanded Education Society's

**SCIENCE COLLEGE, NANDED**

Eco-Friendly Committee

Organizing an \* UGC-CPE Sponsored Online One-Day International Workshop \*

**Titled:\* E-WASTE: AWARENESS AND ITS MANAGEMENT \***

Day: Saturday

Date: 09th January 2021

Time: 11.00am.-2:30 p.m.\*



## **Keynote Speaker**

**Dr. Anand Nayyar**

Duy Tan University, Da Nang, Viet Nam

## **Resource Person:**

### **1. Mr Kshitij Ghildiyal.**

Implementation consultant,  
Global Waste Solution,  
New Delhi

### **2. Mr .Anagh**

Green Army Mentor ,  
Project Head Bring Back Green.  
Kerala

**E-certificates will be provided, NO REGISTRATION FEE to all those who register**  
and send their response by filling the feedback forms.

All are requested to register by using the following link –  
<https://forms.gle/M62HiJppFHhZwQZq6>

After successful registration, join the following Telegram link for further updates of the  
session:

[https://t.me/joinchat/HJOwvka06p\\_Dc7xk](https://t.me/joinchat/HJOwvka06p_Dc7xk)

Dr. Shinde L.P

Co-Convenor

NES Science College , Nanded, Maharashtra

In case of query,contact:

1)Ghatole Ganesh: (9766450266)

We request you to circulate this message among your groups to create awareness.



**Registration Form :**

[https://docs.google.com/forms/d/e/1FAIpQLSe4aBp3-Mp9S9b\\_0EldJCbxSmJe4Hdx\\_ZKoQ6mYDxA5r1I51g/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSe4aBp3-Mp9S9b_0EldJCbxSmJe4Hdx_ZKoQ6mYDxA5r1I51g/viewform?usp=sf_link)

The screenshot shows a Google Form titled "One Day International Workshop - E-Waste Awareness and Management". The form header features the logo of Nanded Education Society's Science College, Nanded, and a portrait of a man. Below the header, the text reads: "One-Day International Workshop On E-WASTE: AWARENESS AND ITS MANAGEMENT". It is organized by the Eco-Friendly Committee, N.E.S.'s Science College, Nanded, Maharashtra, on 9th January 2021 at 11.00 am. An E-Certificate will be provided to all participants. A brochure link is provided: <https://drive.google.com/file/d/1Gv9Db4Vo-Z0VhFLUz9xUayaYQCe4iwa/view?usp=sharing>. There is a text input field for "Email address \*". The form is displayed in a browser window with a taskbar at the bottom showing various open applications.

All the participants were requested to register for the UGC-CPE Sponsored One Day International workshop through the **Google form** as specified above link , as we received overwhelming response all over India as well as from abroad . The **total 1081 (one thousand and eighty one) participants** take part in it.

The participants were from all over world representing 17 countries and 24 states of India as follows

<b>Sr.No</b>	<b>Country</b>	<b>No.of Participants</b>
1.	Iraq	37
2.	Philippines	12
3.	Nigeria	5
4.	Bangladesh	4
5.	Bhutan	3
6.	Indonesia	3
7.	China	2
8.	Nepal	2
9.	Dubai	1
10.	Egypt	1
11.	Ethiopia	1
12.	Germany	1
13.	Jordan	1
14.	Nigeria	1
15.	Saudi Arabia	1
16.	Sri Lanka	1
17.	Tanzania	1
18.	India	1004

All the participants registered for UGC-CPE Sponsored one Day International workshop were ask to join telegram chat link , as it can accommodate 2,00000 participants , through a link

<https://t.me/joinchat/HJOwvkao6p Dc7xk>

This chat group was created for last information delivered regarding zoom link , and live streaming Facebook link among the participants so as to join schedule for international workshop





## Designing of Online Organizing stuff:

The Coronavirus Disease 2019 (COVID-19) pandemic has created significant challenges for the higher education in India and abroad. Educational institutions had to shut down, disrupting education performance, in compliance with government orders. So new approaches had to be sought to learning; however the centuries-old chalk-talk style of teaching was replaced into a technologically-driven mode for interactive courses. The assessment of the acceptance of virtual classes and identifying the various advantages challenges and reasons pertaining to e-learning encouraged. Revisiting existing pedagogy and methods through the seamless integration of classroom training into e-learning modes to build a unified learning system needs to stress upon, to meet this we have designed the following

Sr.No	E-Staff For workshop	URL(Portal address)
1	Circular – Boucher: For information	<a href="https://drive.google.com/file/d/1Gv9Db4Vo-Z0VhFIU29xUayaYQCeI4iwa/view">https://drive.google.com/file/d/1Gv9Db4Vo-Z0VhFIU29xUayaYQCeI4iwa/view</a>
2	Google Form – [Registration /Feedback]	Registration Form: <a href="https://docs.google.com/forms/d/e/1FAIpQLSe4aBp3-Mp9S9b_0EldJCbxSmJe4Hdx_ZKoQ6mYDxA5r1I51g/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSe4aBp3-Mp9S9b_0EldJCbxSmJe4Hdx_ZKoQ6mYDxA5r1I51g/viewform?usp=sf link</a>
		Feedback Form: <a href="https://docs.google.com/forms/d/e/1FAIpQLSev7SeEaHzxmEd4EeP4vK5n5sAqLbYCICQpvnv2L9s43iq-wtA/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSev7SeEaHzxmEd4EeP4vK5n5sAqLbYCICQpvnv2L9s43iq-wtA/viewform?usp=sf link</a>
3	Telegram Chat Group Link	<a href="https://t.me/joinchat/HJOwvka06p_Dc7xk">https://t.me/joinchat/HJOwvka06p_Dc7xk</a>
4	Zoom Platform Link scheduled on 9th January 2021 at 10.30 am	Topic: UGC-CPE Sponsored One Day International Workshop on E-Waste: Awareness and Its Management organized by Eco- Friendly Committee, Science College Time: Jan 9, 2021 10:00 AM India Join Zoom Meeting



		<a href="https://us02web.zoom.us/j/89264473825?pwd=SWt0eEx1NHBTjUVVtN3REMWtjUVoxdz09">https://us02web.zoom.us/j/89264473825?pwd=SWt0eEx1NHBTjUVVtN3REMWtjUVoxdz09</a> Meeting ID: 892 6447 3825 Passcode: 9Mzm4n
5	Facebook Link for live streaming	<a href="https://www.facebook.com/100002096880343/videos/3736471776432682/">https://www.facebook.com/100002096880343/videos/3736471776432682/</a>
6	E-Content On Cloud Server (	<a href="https://drive.google.com/file/d/10wc0--srKCH0X5xqfrXLI662ESTjeafF/view?usp=sharing">https://drive.google.com/file/d/10wc0--srKCH0X5xqfrXLI662ESTjeafF/view?usp=sharing</a>
7	Uploaded Certificate on cloud server	<a href="https://drive.google.com/drive/folders/1s107OrTlcs1UBy78PTgfIuxjh9qove8E?usp=sharing">https://drive.google.com/drive/folders/1s107OrTlcs1UBy78PTgfIuxjh9qove8E?usp=sharing</a>

Apart from the above link designing of certificate, invitation to Resource Person, welcome slides Preparation of Schedule, E-Content Finalization etc...

### Messages /Information / instruction Released on Telegram & Zoom chat

Sr.No	Message /Information /Instruction On Chat
1	<p><b>Welcome Participant with Workshop Link</b></p> <p>Dear Participants, Greetings,</p> <p><b>UGC-CPE Sponsored One –Day International Workshop</b></p> <p>Organized by Eco-Friendly Committee NES's Science College, Nanded</p> <p>You are invited to a Zoom Date: 09 -01-2021 at 11.00 am –IST Topic: E-Waste: Awareness and Its Management</p> <p>Please click the link Join Zoom Meeting</p> <p><b>Join Zoom Meeting</b></p> <p><a href="https://us02web.zoom.us/j/89264473825?pwd=SWt0eEx1NHBTjUVVtN3REMWtjUVoxdz09">https://us02web.zoom.us/j/89264473825?pwd=SWt0eEx1NHBTjUVVtN3REMWtjUVoxdz09</a></p>



	<p>Meeting ID: 892 6447 3825  Passcode: 9Mzm4n  <b>For Live Streaming</b>, please click on link below  <b>Watch live on Facebook at</b>  <a href="https://www.facebook.com/100002096880343/videos/3736471776432682//">https://www.facebook.com/100002096880343/videos/3736471776432682//</a></p>
2	<p><b>Live Streaming</b>  Dear Participants,  Greetings,  Eco-friendly committee, NES's Science College, Nanded  Topic: E-Waste: Awareness and its Management  If participants are <b>unable to join the Zoom meeting, please join Facebook link for live streaming</b>  Watch live on youtube at  <a href="https://www.facebook.com/100002096880343/videos/3736471776432682//">https://www.facebook.com/100002096880343/videos/3736471776432682//</a></p>
3	<p><b>E-Content</b>  Dear Participants,  Greetings,  Eco-Friendly Committee -NES's Science College, Nanded  Topic: E-Waste :Awareness and Its Management  Participants are requested to collect the E-Content (Study Material) by click on below  <a href="https://drive.google.com/file/d/10wc0--srKCH0X5xqfrXLI662ESTjeafF/view">https://drive.google.com/file/d/10wc0--srKCH0X5xqfrXLI662ESTjeafF/view</a></p>
4	<p><b>Feedback</b>  Dear Participants,  You all are requested to provide your Valuable Feedback of the UGC-CPE Sponsored One Day International Workshop on E-Waste: Awareness and its Management Organized by Eco-Friendly Committee N.E.S's Science College, Nanded431605, Maharashtra</p> <p>.Through the following link:</p>



[https://docs.google.com/forms/d/e/1FAIpQLSca3lwH1XYEvqigrIcV2nOYCChUncaQIYY3Gfsz8TBSSfF7Kq/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSca3lwH1XYEvqigrIcV2nOYCChUncaQIYY3Gfsz8TBSSfF7Kq/viewform?usp=sf_link)

After filling the form, when you press SUBMIT button, the e-certificate link will be visible. Click the link, from the list of the certificate; find your name and Corresponding certificate number. Download your certificate form the folder Feedback form link:

[https://docs.google.com/forms/d/e/1FAIpQLSca3lwH1XYEvqigrIcV2nOYCChUncaQIYY3Gfsz8TBSSfF7Kq/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSca3lwH1XYEvqigrIcV2nOYCChUncaQIYY3Gfsz8TBSSfF7Kq/viewform?usp=sf_link)

5

**Certificate link:**

<https://drive.google.com/drive/folders/1s107OrTlcs1UBy78PTgfluxjh9qove8E?usp=sharing>



**UGC-CPE Sponsored**  
**One-Day International workshop**

On

**E-WASTE: AWARENESS AND ITS MANAGEMENT**

Event Organized on

09 January 2021

Online: Zoom Platform

[https://us02web.zoom.us/j/89264473825?pwd=SWt0eEx1NHBTTVVtN3RE  
MWtjUVoxdz09](https://us02web.zoom.us/j/89264473825?pwd=SWt0eEx1NHBTTVVtN3REMWtjUVoxdz09)

Meeting ID: 892 6447 3825

Passcode: 9Mzm4n

Organized by

**Eco-Friendly Committee**

Nanded Education Society's

**SCIENCE COLLEGE, NANDED**

(Re-accredited with 'A' grade by NAAC in 3<sup>rd</sup> Cycle; College with Potential for  
Excellence; Best College Award of S.R.T.M. University, Nanded)

Website: [www.sciencecollegennd.org](http://www.sciencecollegennd.org)



**PROGRAM SHEET**  
**Nanded Education Society's SCIENCE COLLEGE, NANDED**

**UGC-CPE Sponsored**  
**One-Day International Workshop**

On  
**E-WASTE: AWARENESS AND ITS MANAGEMENT**  
Inaugural function

On  
**09 January 2021 at 11.00 am**

Online: Zoom :

<https://us02web.zoom.us/j/89264473825?pwd=SWt0eEx1NHBTvVtN3REMWtjUVVoxdz09>

S.No	Time	Event
1	11.00 am	<b>Welcome of Dignitaries By – Dr.Prita Borkar</b> <b>Organizing secretary</b> Brief About the Workshop By -Dr. Mohseena Coordinator
2	11.05 am to 11.15 am	<b>Welcome address By Principal , Dr.D.U.Gawai</b>
3	11.16am- to 11.26pm	Chief Guest – Address By <b>Hon. Mrs. Shyamal D. Patki</b> Secretary, Nanded Education Society's, Nanded
4	11.27am to 11.37 am	Presidential Address by <b>Hon. Dr. Venkatesh R. Kabde,</b> President, Nanded Education Society's, Nanded
5	11.38am to 11.39am	Introduction of Keynote Speaker By Dr.Mohseena <b>Dr.Anand Nayyar, Viet Nam</b>
7	11.40 am to 12.10 pm	Address By Keynote Speaker <b>Dr.Anand Nayyar,</b> <b>Duy Tan University, Da Nang, Viet Nam</b>
8	12.11pm to 12.12. pm	Introduction of Guests Speakers By Prof. Bansode A.S <b>Mr. Kshitij Ghildiyal</b>
9	12.13pm to 12.33pm	Address By Speaker – <b>Mr. Kshitij Ghildiyal</b> <b>Global Waste Solution, New Delhi</b>
10	12.34pm to 12.35pm	Introduction of Guests Speakers By Dr. Marathe V.R <b>Mr. Anagh</b>
11	12.36pm to 1.07pm	Address By Speaker – <b>Mr.Anagh</b> <b>Green Army Mentor ,</b> <b>Project Head Bring Back Green, Kerala</b>
12	1.08pm to 1.20pm	Vote Of Thanks BY <b>Prof. Shinde L.P.</b> Co-Convenor

**Dr. Shinde L.P,**  
Co-Convenor

**Dr.D.U.Gawai**  
Principal & Convenor



## Inauguration function:

The program was initiated on Zoom Platform with 100 participants in zoom & 223 live streaming participants, by Dr. Mrs. Borkar P. S Organizing secretary welcoming Presidential Hon. Dr. Venkatesh R. Kabde, sir, President, Nanded Education Society's, Nanded, Chief Guest Hon. Mrs. Shyamal D. Patki Madam Secretary, Nanded Education Society's, Nanded Respected Dr.D.U Gawai Sir Principal & Convener, Prof. Shinde L.P. Co-Convenor , Dr A.S .Bansode Organizing Secretary Sir, Dr.Mohseena Thaseen Coordinator , Keynote Speaker Dr.Anand Nayyar, Duy Tan University, Da Nang, Viet Nam Resource Speaker –Mr. Kshitij Ghildiyal from Global Waste Solution, New Delhi Resource Speaker Mr.Anagh Green Army Mentor Project Head Bring Back Green, Kerala & dear colleagues and all Participants . The opening of webinar was conducted by virtual lightening of lamp and floral tribute to – Poojya Swami Ramanand Teerth followed by floral welcome dignitaries , and followed by brief About the Workshop by - Dr. Mohseena Madam, Coordinator, then followed by Welcome address By Principal , Dr.D.U.Gawai Sir , in his address gave a brief introduction of institution and stated the objectives of E-Waste Awareness and its Management .Followed by Chief Guest – Address By Hon. Mrs. Shyamal D. Patki Secretary, Nanded Education Society's, Nanded , in her address- Madam emphasized on the Current Issues of E-Waste danger and Madam alleged that this dangerous situation on can overcome through Proper knowledge to handle E-Waste ,followed by Presidential Address by Hon. Dr. Venkatesh R. Kabde sir , President, Nanded Education Society's, Nanded - In his presidential address he encouraged the Awareness activities in institutions among the young researchers ,even he lay stress of unaware enemy develop by human begin by generating E-Waste and only 20 % of it is properly dumped. India being progressive country it has to have invent new ideas which can be support, could give benefit to whole society & could bring pride to nation. He even gave a brief scope of E-Waste :Awareness and its Management and **declared the UCG-CPE Sponsored One Day International workshop on E-Waste :Awareness and its Management inaugurated.**

A Keynote speaker was introduced by Dr.Mohseena Madam

Keynote Speaker Dr. Anand Nayyar working as Professor, Scientist and Researcher in Graduate School, Duy Tan University, Da Nang, Vietnam. He has been speaker at Google I/O 2018 Mien Trung event and FinTech 2018, 2019- Highly reputed Industry events in Viet Nam. He is acting as Senior Member of ACM and also acting as ACM DISTINGUISHED SPEAKER.

He is currently working in the area of Wireless Sensor Networks, Swarm Intelligence, Cloud Computing, Cyber Security, Wireless Communications, Machine Learning, Deep Learning, Smart Cities, Wireless Communications, High Performance Computing,



Internet of Things (IoT), Data Science Analytics, Open Source Technology, Drones, Computational Intelligence and Block chain technology and E-Waste Management

The workshop session was taken on E-Waste : Awareness and its Management was giving very informative knowledge on said topic when session in progress the E-Content was released on Zoom Chat Room as well as on Telegram group by technical team – Dr. Marathe V.R Sir and Mr. Ghatole Ganesh, then was question answer session were participants was able to ask their questions by posting in Zoom Chat Room which was satisfactory answered by Resource person

The next Resource person was from Industry – was Introduced by Prof. Bansode A,S Sir

Mr Kshitij Ghildiyal. Working as Implementation consultant, Global Waste Solution, New Delhi. He have been associated with Global Waste Solutions in India as their Operations Consultant for the past 2 years and also setup an e-waste recycling plant in the UAE last year. ,his work experience includes 5 years as a Marine Engineer in the Merchant Navy and 1 year in a Healthcare startup and even attained a Bachelor of Science in Marine Engineering from BITS Pilani's off-campus institute near Pune dedicated to Marine Engineering and

Mr Kshitij Ghildiyal- as Resource person delivered information regarding implementation methods Carried out for E-Waste and its cause while handling improperly through Power point presentation .

Then Dr. Marathe V R Introduce next Resource Person- Mr Anagh ,Project Head Bring Back Green Green Army Mentor, , Kerala. He has experience in Waste Management .Green Army Mentor – Solid Waste Management, 2. Hands-on experience in Decentralized Waste Management of Thiruvananthapuram Municipal Corporation, 3. Project Head, Bring Back Green, Climate Educator and Environmental Activism, Educator in Waste Management, Green Protocol Management, Coastal Area Management, Collaborated with E Waste Managers during National Climate Change Conference 2020

Mr.Anagh conclude in this lecture through the practical real scenario of E-Waste through the support of power presentation .

Now we were in last phase of event , where Dr.Mohseena Madam – coordinator made Important Announcements regarding E-certificate which was uploaded on Google cloud server and instructions were given how to download their respective certificates : however a folder was upload on server with all participant file giving information of participants ,As per their registration & the same sr.no is allotted to their respective certificate.

Now it was Vote of thanks given by Co-Convenor Prof L.P.Shinde





The outcomes of UGC-CPE Sponsored one Day International Workshop on E-Waste: Awareness and its management was to create awareness in the teachers, student and all the stakeholders of the society to understand that Electronics waste generation and management. This is evident from some of the comments given by the participants.

**Where can we improve further? / Any other Feedback**

639 responses

Thanks for this opportunity.

Very interesting and a very burning topic covered by webinar

It was a great session regarding how to manage ourself in the sphere of E Waste. Very impressive 🍌👍

Great job

Come up with more general webinar

We got lot of knowledge from the lectures

Overall workshop is good and informative useful and fruitful to all.

It was well organized workshop

Thanks a lot.

معلومات قيمة. شكرا للجهدكم

7 Day fdp may be

Kindly share ppt presentation for further reference

yes

Good session. goahead

It was nice

It was good, no issues seen

Improving ppt images

Thanks for the nice learning opportunity

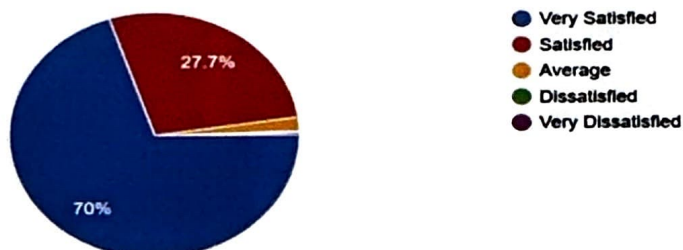
OTHER (272)



## Feedback of Participants:

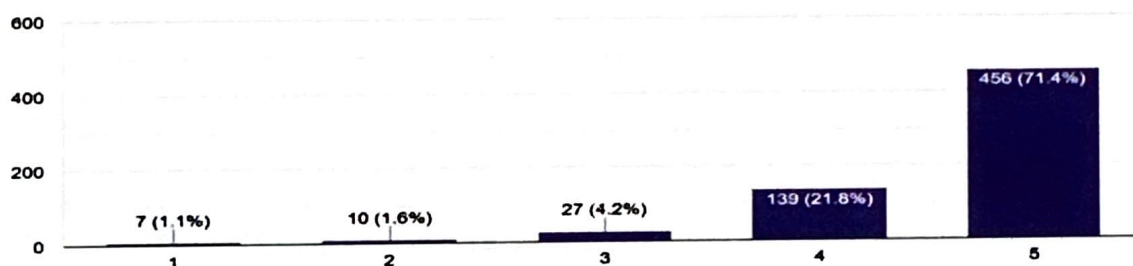
Please state the overall experience with this Workshop

639 responses



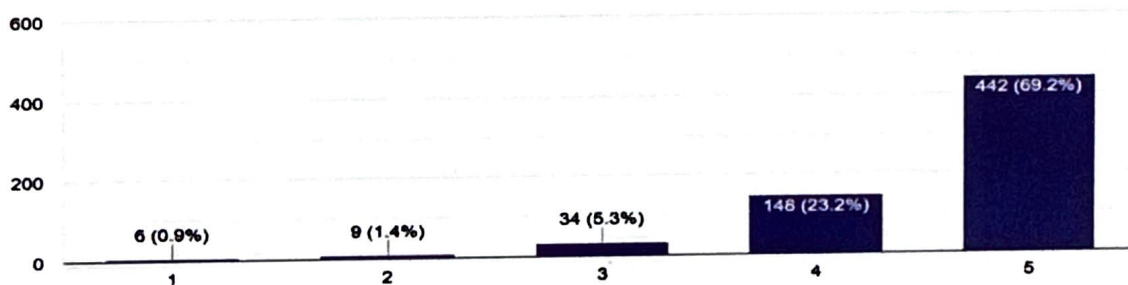
### Contents of the Lectures

639 responses



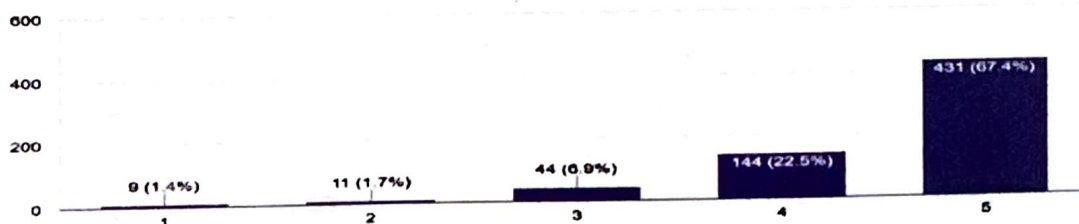
### Speakers deliberations were useful and informative

639 responses



### Technical support of the Workshop

639 responses





R. No. F-12, 1962, 26/06/1950  
UMF 1261, 13/10/1961

NANDED EDUCATION SOCIETY'S

# SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

(Re-accredited with "A" grade by NAAC (CGPA 3.98) 3<sup>rd</sup> Cycle, CPR Status, DST-FIST,

NIRF Ranking-72 (Year - 2017), Best College award SRTMUN)

P.O.Box No. 62, Sneh Nagar, Nanded - 431603 (MS, India) P (O) 02462 251648, 250465 Fax.02462 250465

Email: principal@sciencecollegennnd.org, sciencecollege1950@gmail.com Web: www.sciencecollegennnd.org

Ref.No: SCN/2020-21

Date 05/01/2021

To,  
Dr. Anand Nayyar  
Graduate School  
Room No: 102, Graduate School, 254 Nguyen Van Linh Street,  
Duy Tan University, Da Nang, Vietnam.

Subject: Invitation for Keynote Address for "One-Day International Workshop On E- WASTE:  
AWARENESS AND ITS MANAGEMENT"

Dear Sir,

Nanded Education Society Established in 1950 for catalyzing educational revolution in backward region of this Marathwada. N.E.S. Science College, a single faculty college of Nanded Education Society is one of the premier institution imparting quality educations to the students of this region since last 67 years

Eco -Friendly Committee of our college was formed in 2015 headed by Prof. Shinde L.P., Department of Chemistry. Many activities were carried by this committee like vermicomposting from waste, rain water harvesting through percolation, tree plantation, Bio-gas generation etc.

We are glad to inform that Eco-friendly Committee , Science College, Nanded, Maharashtra is going to organize a One-Day International Workshop On E-WASTE: Awareness And Its Management" to create awareness of e-waste among Students, teachers and all the stakeholders associated with the college. through online mode.

It gives us immense pleasure to invite you as Keynote speaker of One-Day International Workshop On E-Waste: Awareness And Its Management" in our college on 09<sup>th</sup> January 2021 at 11.00 am through online mode on Google Meet platform .

I am sure you will enlighten the audience with your views.

Sincerely Yours,

Dr. Shinde L.P  
Professor, Dept. of Chemistry and  
Co-convenor

Dr. D. U. Gawai  
Principal and Convenor

Invitation Letter



Nanded Education Society's  
**SCIENCE COLLEGE, NANDED**



UGC-CPE Sponsored

**One-Day International Workshop**

On

**E-WASTE:  
AWARENESS AND ITS  
MANAGEMENT**



**9<sup>th</sup> January 2021**

Organized by  
**Eco-Friendly Committee,  
Science College,  
Nanded 431605**

Tel: 91-22-2670 8520, 26707440,  
2628 7250

Fax No.: 91-22-26701422

[www.sciencecollegennd.org](http://www.sciencecollegennd.org)

Dr. D. U. Gawal  
Principal

**THE COLLEGE...**

Poolya Swami Ramanand Teerth established "Nanded Education Society" in 1950 for catalyzing educational revolution in backward region of this Marathwada. N.E.S. Science College, a single faculty college of Nanded Education Society is one of the premier institution imparting quality education to the students of this region since last 67 years. The college is always poised to offer emerging contemporary education to the learners to fulfill the need of society as well as to meet global challenges. This institution has been on the forefront in pursuit of academic excellence and has attended potential for excellence (CPE) status from UGC. The college is DST-FIST sponsored and recently awarded as BEST COLLEGE AWARD by Swami Ramanand Teerth Marathwada University, Nanded

**Eco-Friendly Committee:**

Eco-friendly Committee takes the lead for the environment review of college Campus. It makes awareness of Solid waste, Chemical waste, Electronic waste in the college. The Committee implement sustainable practices in the college to make college campus beautiful & make all stakeholder eco-friendly. In order to create awareness among the students, teachers and all who are associated with our college. NES Science College has come up with Formation of Eco-Friendly Committee in year 2015 headed by Prof. Shinde L.P., Convener, Department of Chemistry.

About the International Workshop  
Electronic waste, or e-waste, is an electronic products that have become unwanted, non-working or obsolete, and have essentially reached the end of their useful life. As per E-waste Rule 2016, the E waste defined as 'electrical and electronic equipment,(WEEE) repair processes, Computers, servers, monitors, printers, calculators, fax machines, battery cells, cellular phones, Domestic appliances are examples of e-waste.

**Patrons:**

Hon. Dr. Venkatesh R. Kabde,  
President, Nanded Education Society's  
Hon. Adv. Chaitanya Bapu, Deshmukh  
Vice President, Nanded Education Society's  
Hon. Mrs. Shyamal D. Patil  
Secretary, Nanded Education Society's  
Hon. Dr. CA Pravin S.Patil,  
Jt Secretary, Nanded Education Society's  
Convener:  
Dr. D. U. Gawal, Principal  
SCIENCE COLLEGE, NANDED  
Co-Convener  
Prof. Shinde L.P.

**Organizing Secretary:**

Prof. A. S. Bansode & Dr. Mrs. Borkar P. S

**Coordinator**

Dr. Mohseena Thaseen  
Organizing Committee

1. Prof. M. A. Joshi
2. Prof. D. D. Pawar
3. Dr. Mrs. Shukla A.R
4. Dr. V. R. Marathe
5. Dr. Muneswar R. A
6. Dr. Borkar A.P.
7. Dr. Salav P. D.

**Keynote Speaker**

Dr. Anand Nayyar

Duy Tan University, Da Mang, Viet Nam  
Mr. Kshitij Ghildiyal (Resource Person-)  
Global Waste Solution, New Delhi-

Mr. Anagh (Resource Person Academia)

Green Army Mentor,

Project Head Bring Back Green, Kerala

Registration Fee: Free of Cost

**Registration Link:**

<https://forms.gle/56BS94rVbivheqt58>

E-certificate will be provided to all the participant

Circular





**Nanded Education Society's  
Science College, Nanded (M.S.)  
(Re-accredited with 'A' grade by NAAC in 3rd Cycle;  
College with Potential for Excellence;  
Best College Award of S.R.T.M. University, Nanded)**



**UGC-CPE Sponsored**

**One –Day International Workshop**

**On**

**E-Waste :Awareness And Its Management**

**Organized by**

**ECO-FRIENDLY COMMITTEE**

**9<sup>TH</sup> January 2021**

**11.00am**



Welcome Screen





Nanded Education Society's  
**Science College, Nanded (M.S.)**  
(Re-accredited with 'A' grade by NAAC in 3rd Cycle)  
College with Potential for Excellence;  
Best College Award of S.R.T.M. University, Nanded)

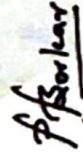


## CERTIFICATE OF PARTICIPATION

(UGC-CPE Sponsored)

This is to certify that Ms/Mr/Mrs/Dr. A. B. Jayasimha  
of SGS Arts College Tirupati, Kadapa, AP  
has participated and successfully completed *UGC-CPE sponsored One day International  
Workshop on "E-WASTE :AWARENESS AND ITS MANAGEMENT "* organized by Eco-  
Friendly Committee, Science College, Nanded, Maharashtra on 09<sup>th</sup> January 2021

  
(Dr. Mohsena)  
Co-Ordinator

  
(Dr. P. S. Borkar )  
Org. Secretary

  
(Dr. AS. Bansode )  
Org Secretary

  
(Dr. LP Shinde)  
Co-Convener

  
(Dr. DU. Gawai)  
Convener

Date: 09<sup>th</sup> January 2021

Certificate ID: EWAM/SCN/001

Certificate



Nanded Education Society's  
Science College, Nanded (M.S.)  
(Re-accredited with 'A' grade by NAAC in 3rd Cycle;  
College with Potential for Excellence;  
Best College Award of S.R.T.M. University, Nanded)

UGC-CPE Sponsored  
**One –Day International Workshop**  
On  
**E-Waste :Awareness And Its Management**  
Organized by  
**ECO-FRIENDLY COMMITTEE**  
**9<sup>TH</sup> January 2021**  
**11.00am**

The slide also features the college logo, a globe, and a group of hands holding a globe. A Zoom meeting control bar is visible at the bottom, and a vertical gallery of participant video feeds is on the right.

International workshopon [event.rpt] VLC media player

The screenshot shows a Zoom meeting in progress. The main video feed displays a man with glasses and a mustache, wearing a dark jacket, speaking. The background is a plain wall with a yellow sticker. A vertical gallery of other participants is visible on the right. The Zoom control bar at the bottom shows the meeting is in progress, with a timer at 2:37:14. The Windows taskbar at the very bottom shows several open applications including Facebook, Vedio, and a WhatsApp report.

Glimpses of Zoom Platform





Glimpses of Zoom Platform







Glimpses of Zoom Platform



**E-Waste Management Issues**

**BuzzWord**

**E-waste** **new** **thousands** **electronic** **computers**

**Dr. Anand Nayyar**

zoom

30:37

**KSHITU GHILDL**

A presentation on e-waste management in India by

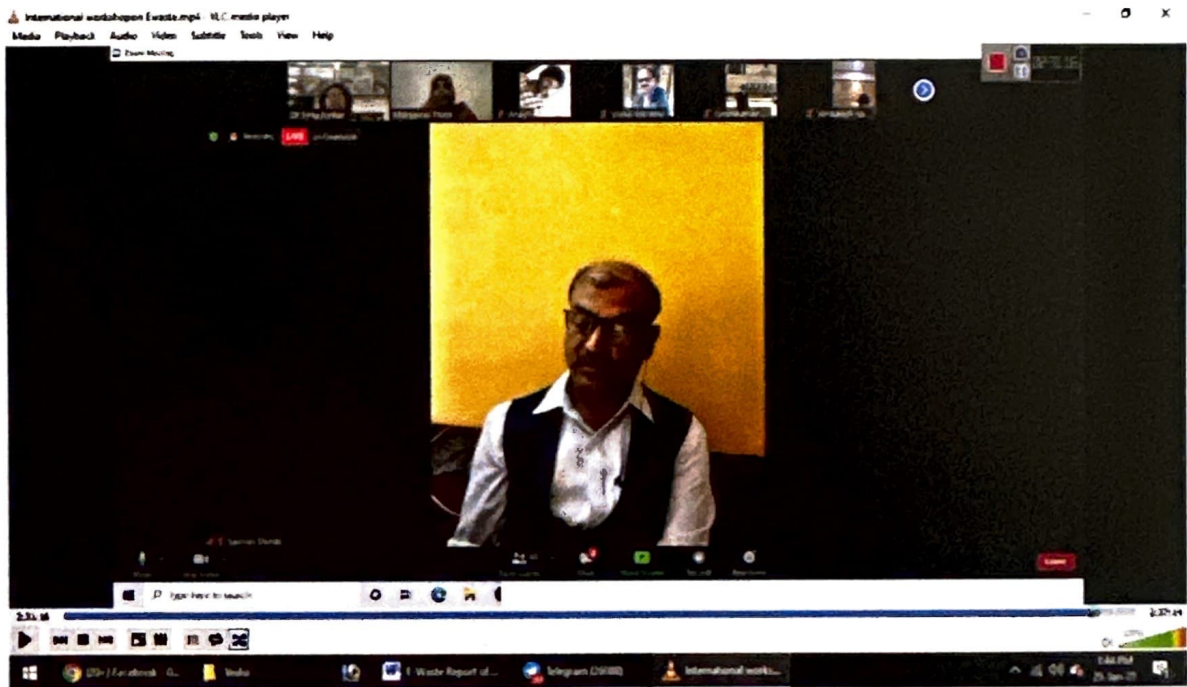
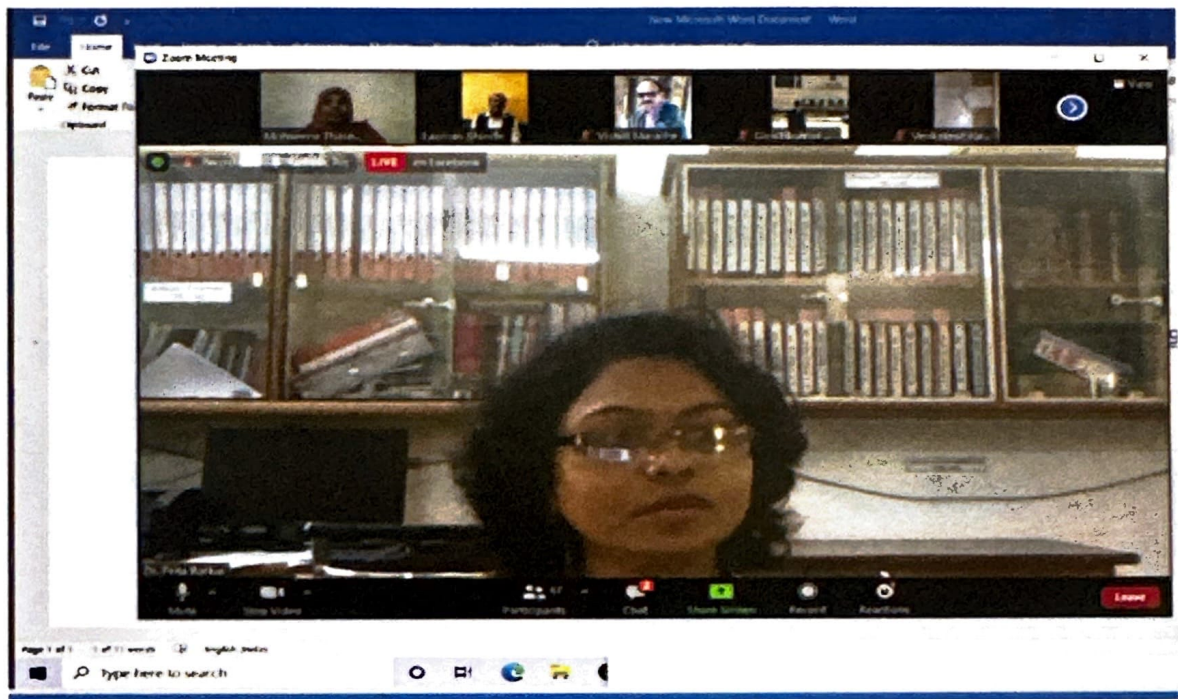
**GLOBAL WASTE SOLUTION**

zoom

1:04:26 / 2:30:37

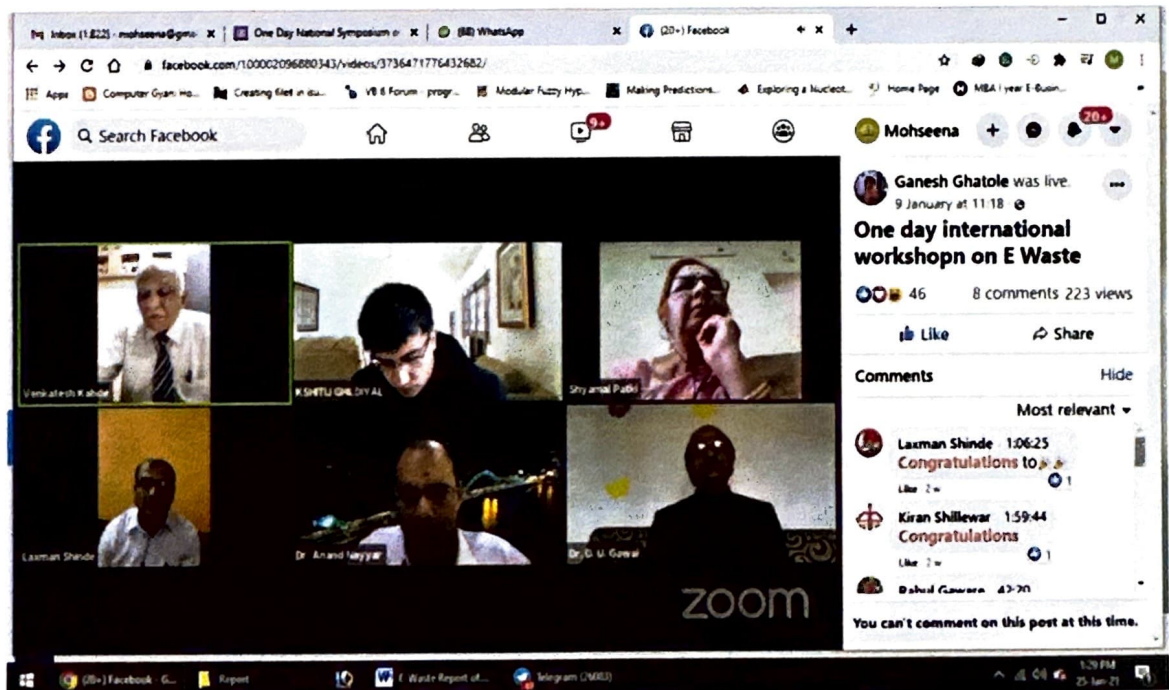
Glimpses of Zoom Platform





## Glimpses of Zoom Platform





Facebook Live Streaming



# प्रजावाणी

शुक्रवार, दि. १५ जानेवारी २०२१

Postal Regd. Licence No. G-2/RNP/NND-50/2020-23

## सायन्स कॉलेजमध्ये 'ई-वेस्ट'वर आंतरराष्ट्रीय कार्यशाळा संपन्न

नांदेड, दि. १४:- नांदेड इको प्रेन्डली समिती, सायन्स कॉलेज नांदेडच्या वतीने नवीन वर्षांमध्ये 'इलेक्ट्रॉनिक टाकाऊ' (ई वेस्ट) या अतिशय नवतंत्र समस्यावर एक दिवसीय कार्यशाळा सायन्स कॉलेज मध्ये संपन्न झाली. या कार्यशाळेचे अध्यक्ष डॉ. व्यंकटेश कावडे यांनी भारत देशामध्ये ई-कचऱ्याचा डोंगर कसा उभा राहत आहे व त्यासाठी व त्याचा आरोग्यावर होणारा परिणाम समाज प्रबोधन अत्यंत गरजेचे आहे असे मत विराद केले.

प्रमुख पाहुण्या प्रा.सौ. पत्की मंडम यांनी ई-कचऱ्याचे दुष्परिणाम बाबत मत व्यक्त केले. सप्टेंबर २०१६ मध्ये ई-कचरा विषयी निष्पत्ती जाहीर केली असून त्यानुसार लोकांनी ई-कचरा कुठेही टाकू नये असे पुढे सांगितले. खरीपतनामचे ई-कचरा या विषयावरचे तज्ञ डॉ. आनंद नाथर यांनी ई-वेस्ट वर कशी प्रक्रिया करायची त्याची

योग्य पध्दती करीत विल्हेवाट लावायची व उत्पादक व वितरक यांनी काय करावयाची पायची यावर प्रकाश टाकला. भारत देशातील मजूर अयोग्य पध्दतीने इलेक्ट्रॉनिक्स कचऱ्यावर प्रक्रिया करीत असल्यामुळे त्यांच्या आरोग्यावर घातक परिणाम दिसून येत आहे. त्यांची 'मजदुरी की मजदुरी' असा प्रश्न उपस्थित होतो असे डॉ. नाथर ने आकडेवारी सह स्पष्ट केले. आजपर्यंतला भारत देशात दरवर्षी ३,८९,४०० टन इवेस्ट कचरा जमा होत आहे. तो प्रक्रिया करून पूर्णपणे रिसायकल होऊ नसल्यामुळे पवित्र्यात पोटी समस्या निर्माण होणार असे त्यांनी विराद केले. भारत देशातुळे सरकारने बेबीच सायप झाले नाही तर कोरेनासारखे भयानक संकट ई-कचरा निर्माण करू शकते असे आकडेवारी सहित त्यांनी अनिस्ताईन स्पष्ट केले व पार्टीसिपंटचे सह वैपुन घेतले.

बर्क शांपच्या सुरुवातीला प्राचार्य

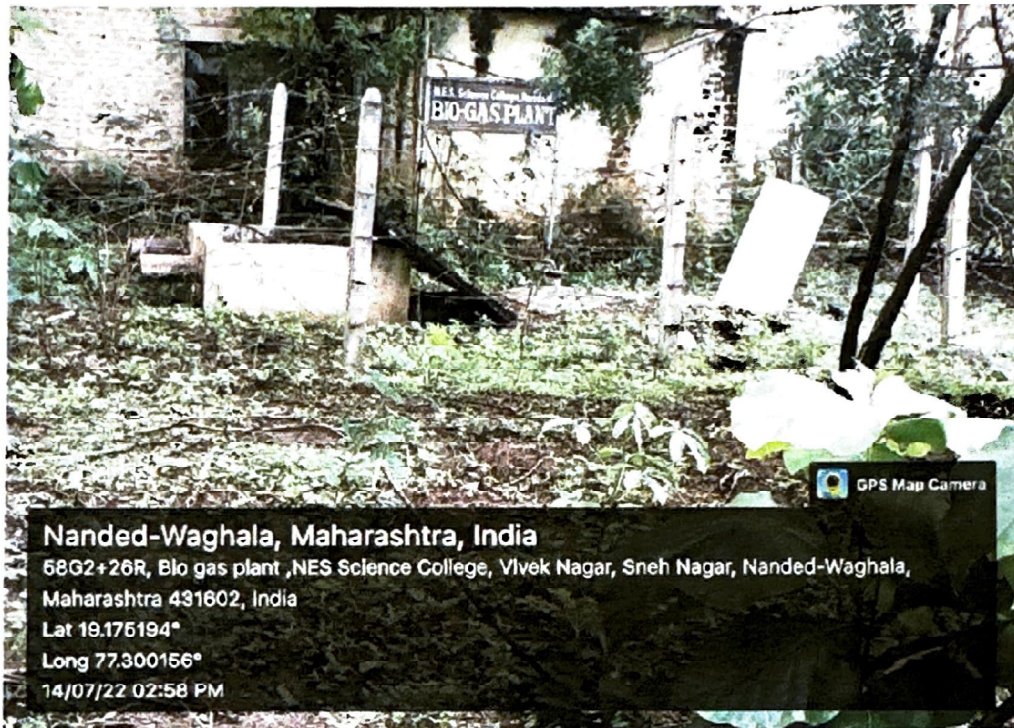
डॉ.डी.पु. गवई यांनी कॉलेजचा परिचय करून दिला. कार्यशाळेचा उद्देश व उद्दिष्ट समन्वय मोहसिना मंडम यांनी स्पष्ट केला तर आर्गनायझिंग सेक्रेटरी बोरकर मंडम यांनी सुरसंचालन केले तर विषयतज्ञांचा परिचय डॉ. अनिरुध्द बनसोडे व डॉ. विराल मण्डे यांनी करून दिला. आभार प्रदर्शन संयोजक डॉ. एल.पी. शिंदे यांनी केले. या बर्कशांपला जर्मनी, बुरुकेन, इथोनिया, ऑस्ट्रेलिया, युगोस्लाविया, फिलीपीन्स, इराण इ. सोळा देशातून १०८९ पार्टीसिपंटनी सहभाग नोंदविला. हि आंतरराष्ट्रीय कार्यशाळा यशस्वी करण्यासाठी संयोजन समितीचे प्रा.डॉ. बौरीकर, प्रा.डॉ. मुनेश्वर, प्रा.डॉ. सातव, प्रा.डॉ. शुक्ला, गणेश पाटोळे, कचर राते इत्यादींनी प्रयत्न केले. यशेळी कार्यकारीणी सदस्य एकाबाबाय शिंदे यांनी कौतुक केले.

NEWS Coverage -Post-Workshop



PRINCIPAL  
Science College, Nanded  
35

## Bio-Gas Plant for Solid and Liquid Waste Management



  
Principal  
E.S. Science College,  
Nanded

## Vermi Compost Unit on the Campus for Solid Waste Disposal



GPS Map Camera

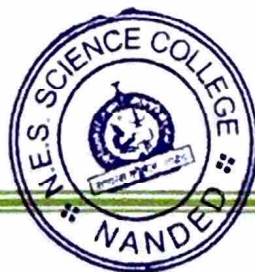
Nanded-Waghala, Maharashtra, India


58G2+26R, NES Science College, Vivek Nagar, Sneh Nagar, Nanded-Waghala,  
Maharashtra 431602, India

Lat 19.166356°

Long 77.295903°

23/05/23 12:15 PM GMT +05:30



  
Principal  
N.E.S. Science College,  
Nanded



# ECO-FRIENDLY INSTITUTE



## AWARD CERTIFICATE

This is to certify that, since 2018, Science College, Nanded has engaged in all round and sustainable Environmental Conservation initiatives, under the invaluable leadership of Principal **Dr. D. U. Gawai** and program Coordinator **Dr. L. P. Shinde**.

The next generation will be inspired by your college. Congratulations for the continuation of the same With Best Wishes.

**Rashmi Joshi**

**Environment Consultant**