



Nanded Education Society's  
**N.E.S. SCIENCE COLLEGE,  
NANDED**

**Affiliated with S.R.T.M. University, Nanded**

**Re-accredited with 'A' Grade by NAAC with CPGA 3.38,  
CPE Status,  
Recipient of DST-FIST & Best College Award**

Website: <http://www.sciencecollegenanded.org/>

**Best Practices**

## Best Practices in College

### Best Practice: Best from Waste

#### **1. Objectives of the practice:**

- To lower the level of pollution on campus and raise people's knowledge of environmental issues.
- To produce attractive items out of waste material.
- To investigate students' original and creative ideas for protection of ecosystem and wildlife.
- To encourage pupils to use recycled plant material, plastics and e-wastes.
- To produce vermi compost and compost made from garbage and plant waste.
- To produce and sale vermi-compost.
- To create awareness among the farmers regarding impact of chemical fertilizers on soil fertility.

#### **2. The Context:**

- A. The "Eco-friendly Committee" has been established by the institute to ensure eco-balance and environmental preservation. The "Best from Waste" state-level competition, which is organised by the eco-friendly committee every year, promotes environmental awareness among school, college of students and faculty.
- B. A variety of events, including workshops, campus cleanliness initiatives, environmental awareness campaigns, tree plantation, poster presentations for environmental awareness, snake awareness campaigns using charts, drug abuse prevention initiatives, rainwater harvesting campaigns, anti-tobacco rallies, and eco-friendly festivals like Holi without fire and Ganesh-Chaturti with earthen Ganesh idols. The Eco-friendly Committee organizes Dipawali sans crackers and other festivities. Photos of various birds and butterflies were featured in a photo gallery to honor wildlife conservation week.
- C. Students from various universities took part in the "Best from Waste" competition and created a variety of models and posters using various forms of waste, including organic and hazardous waste, papers, glass, metals, and plastics. They produced useful items, ornaments, jewelery,

manures, vermi-compost, and other items by using their original creative ideas.

- D. Students have created manure and vermi-compost using garbage and tree leaves collected from 45-acre college campus. Earthworms are used to create vermi-compost. Recycling agricultural waste and creating high-quality compost are both extremely simple processes. A high source of vitamins, enzymes, antibiotics, and growth hormones can be found in vermi-compost. As a result, it keeps the soil in good shape and boosts soil fertility. Vermi compost improves soil fertility by aiding in nitrogen fixation and phosphate stability. Vermin compost is a valuable source of humus and nutrients. All crop leftovers and organic waste are efficiently converted. It aids in lowering the number of harmful microorganisms. It is a nutrient supplement for organic food production that is both economically feasible and environmentally secure. Farmers with dairy units and kitchens can take benefit from it.

**3. The practice:** The vermi-compost prepared by wastes and earthworms is stable fine granular organic manure which enriches soil quality by improving biophysico-chemical properties. It is mainly used for organic farming system therefore becoming more popular. Vermi-composting is done by various methods, among them bed and pit methods are more common. We adopted pit and bed method of vermi-composting. Composting is done in cemented pits of size 5.5×26.5×3 feet with outlet 3.5×2.5×3. The pits are prepared in cool, moist and shady sites of medicinal plant garden. The unit is covered with green mesh. The material used for vermi-compost were chopped dried leafy material and cow dung in a proportion of 1:3 and kept for partial decomposition for 15 to 20 days. A layer of 15 to 20 cm chopped dried leaves were kept as bedding material at the bottom of the bed. Each bed was contained 1.5 to 2 sq.ft. of raw material. The numbers of beds were increased as per raw material availability. The earthworms were released on the upper layer of the bed. The water was sprinkled immediately after release of worms. The beds were kept moist by sprinkling water. The beds were turned once after thirty days for maintaining aeration and proper decomposition. The compost get ready in 45 to 50 days. Harvesting was done when raw material was completely decomposed and it appeared black and granular. The watering was stopped and composts gets ready. The compost was kept over a heap of partial decomposed cow dung for migration of earthworm to cow dung from compost. After two days compost was separated and sieved and packed in small labeled bags which are used for home gardening and

college gardens. A lush green garden, medicinal plant garden, green house, fruit plants are properly maintained by the use of Vermi-compost produced in the campus.

**4. Evidence of success:** • Students have been prepared different ornamental articles from waste materials.

• Students get benefited from the Vermi-compost practice implemented in the campus. They share their knowledge with farmers and other stake holders. They even apply in their own farms. Use of waste material minimize the environmental pollutions Promotion of innovative and creative ideas

• Maintenance of cleanliness and lush, beautiful campus. • Protection of natural, environment and maintenance of ecological balance.

#### **5. Problems encountered and resources required:**

There were problems of Ants, Snakes, termites, centipedes, rats, pigs and birds. Preventive measures were taken to protect the pits and earthworm by regular monitoring, fencing and application of anti termites along the boundary of pits and applying 4 neem based insecticides before filling the heap. The raw material required for Vermi-compost is easily available in the campus.

The cow dung is made available from the farm house.

## **2. SWAMI RAMANAND TEERTH DEBATE COMPETITION**

### **1. Goal**

Swami Ramanand Teerth founder of Nanded Education Society was a great visionary, freedom fighter and leader of Hyderabad state Liberation Movement. He started Nanded Education Society with mission that, “The Science college will try to give a new orientation and educate the students to touch life at all points with human values. There is no regimentation, no particular ‘ism’ which is being specialized with the preview of this institution. The students have freedom to develop their own national and international views without any bias or prejudice. The evolution of the whole personality of man is what we wish to achieve through this college. The Debate competition is a practice of our institution based on vision and mission of college. This is regular practice over last 52 years. The aims of this practice are

- i) To develop and evolve the students personality with freedom
- ii) To develop their own views without prejudice and free from all “ism”.

- iii) ii) To educate the students to touch the life at all points with human values.

## **2. The Context**

- The knowledge, experience, skill and sound attitude are important to make an individual civilized, refined, cultural and educated.
- To nurture the communication skills, critical thinking on diverse issues of society.
- Experience the learning process and express the views.
- Power of convincing the diverse opinion and criticize their views.
- Enhance the confidence level and stage courage.

## **3. The Practice**

- The College organizes state level debate competition regularly on 22<sup>nd</sup> January, the death anniversary of Swami Ramanand Teerth, founder president of the institution.
- The students from different colleges and Universities from Maharashtra are invited to participate in the competition.
- Cash prizes are given to 1st, 2nd and 3rd top three winners of the competition.
- The general championship is announced to one of the participatory from college/ University / institute.
- The outstanding experts from other colleges, institutes, social workers and from school are invited as Judges of the competition.
- The debate on the current issues is organized during the competition.
- The audience from different colleges and society are called for competition.

## **4. Evidence of Success**

The debate competition on current and burning issues like Lokpal Bill, Values in Education System, Impact of Use of Social Media on Personality development of youth, Farmers suicide, World Terrorism, Demonetization, GST, etc. are organized.

## **5. Problems Encountered and Resources Required**

Problems: 1. Less participation from students of Rural areas.

**A Report  
On  
Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate  
Debate Competition {56th}**

Dr. S. V .Wanve (Convenor)

Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate Debate Competition {56th} was organised on 22 Jan 2022. It was organised in online mode through 'Zoom meet app' due to Corona Pandemic limitations. The debate competition began with an inaugural speech from the Chief Guest Prof. Mrs. Shyamal Patki, Secretary, Nanded Education Society. Dr.D.U.Gawai , Principal addressed the participants on this occasion. The programme was anchored by Dr. Rekha Wadekar. Mrs.Shilpa Emekar expressed Vote of thanks. 20 participants were participated in this competition from the different parts of Maharashtra.

The following students got prizes.

First Group Prize (Rs. 5000 and permanent Shield for College):-

Tejaswini Panchal &  
Akshay Ilke

Night college of Arts and Commerce, Ichalkarnji

Second Group Prize (Rs 3000):-

Chandni Jiglekar ,&  
Krishna Tidke,

Narayanrao Chavan Law College Nanded

Third Group Prize (Rs 2000):-

Prathmesh Telang &  
Venketesh Ingole

N. E. S. Science College, Nanded.

Special Prize (Rs 1000):-

Akhib Hamid Pathan, Swami Ramanand Teerth College, Ambajogai .

Dr.Bharat Kachre, Dr.Kumar Kharat, Prof. Balaji Patange played an important role as the judges for this competition.

Prize Distribution was organized on 23rd February 2022 in offline mode by the auspicious hands of Hon. Principal Dr. D.U Gawai.

Vice Principal Dr. D.D. Pawar, Vice principal (Jr) Prof. E.M. Khillare. All committee members were present on this occasion.

Following committee members worked hard to conduct this competition smoothly:-

Dr.A.S.Bansode,

Dr.Mrs.V.V.kulkarni

Dr.V.B.Chavan,

Prof.Mrs.S.S.Choudhari

Prof.S.N.Barole

Dr.Mrs.Rekha Wadekar

Prof.Mrs.Shilpa Emekar

Prof. K.S.Dhutmal

Prof. Tukaram Boinwad

Non Teaching Staff members Mr. Ganesh Ghatole, Mr. Kem Rase, Kapure, Ravi Gajbhare, Tukaram Gajbhare, Shankar helped a lot to conduct this event successfully.

## Evidences of Debate Competition:







## Geo-tag Photographs:

### 1. Vermi-Compost



## 2. Green House



## 3. Bio-gas





**Nanded-Waghala, Maharashtra, India**

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

Lat 19.175194°

Long 77.300156°

01/06/22 03:20 PM

GPS Map Camera



# One-Day International Workshop on E-WASTE: AWARENESS AND ITS MANAGEMENT

Brochure:

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 7230  
Fax No.: 91-22-26701422

[www.sciencecollege.ned.edu](http://www.sciencecollege.ned.edu)  
**Dr. D. U. Gawai**  
Principal

**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. 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 attained potential for excellence (CPE) status from UGC. The college is DST-HST 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. Convenor, 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 Societys  
**Hon. Mrs. Shyamal D. Patil**  
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**  
**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. Muneshwar R. A
6. Dr. Borkar A.P.
7. Dr. Satav P. D.

**Keynote Speaker**  
**Dr. Anand Nayyar**  
Duy Tan University, Da Nang, Viet Nam  
**Mr. Kshilij Ghildiyal (Resource Person-)**  
Global Waste Solution, New Delhi.  
**Mr. Anagh (Resource Person Academia)**  
Greer Army Mentor,  
Project Head Bring Back Green, Kerala

**Registration Fee: Free of Cost**  
**Registration Link:**  
<https://forms.gle/56B59ArVbivheqt58>  
E-certificate will be provided to all the participant

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**

Participants in the video call sidebar:  
 Dr. Priya Borkar  
 KSHITU GHILDYAL  
 Shyamal Patki  
 Venkatesh Kabde  
 M  
 Mohsena Thaseen

Windows taskbar showing search bar, system tray with time 11:11 and date 09-01-2021.

VLC media player window title: International workshopen Ewaste.mp4 - VLC media player

Zoom meeting interface showing a large video of a man with glasses and a mustache. A chat bubble says: "From Vihhad Kulkarni to Everyone Good Morning all".

Participants in the video call sidebar:  
 Dr. Priya Borkar  
 Dr. D. V. Sawal  
 KSHITU GHILDYAL  
 M  
 Mohsena Thaseen  
 Vamsi Krishna...

Windows taskbar showing time 09:16, system tray with time 1:41 PM and date 25-Jan-21. Open applications include Facebook, Vedio, E-Waste Report of..., Telegram (26085), and International works...

