

**TCE-ENVIS GREEN SKILL DEVELOPMENT PROGRAMME- WASTE MANAGEMENT (2021 – 2022)**

**GSDP COURSE – BATCH II - 2021- 2022**

<b>Course Name</b>	<b>: Waste Management 4<sup>th</sup> Batch 2021- 2022</b>
<b>Duration</b>	<b>: 300 Hours</b>
<b>Inauguration Date</b>	<b>: 10.02.2022</b>
<b>Course Started</b>	<b>: 10.02.2022</b>
<b>Course Ended</b>	<b>: 31.03.2022</b>
<b>Valedictory Date</b>	<b>: 31.03.2022</b>
<b>No. Of. Participants</b>	<b>: 19</b>
<b>Resource Person (Ext)</b>	<b>: 12</b>
<b>Resource Person (int)</b>	<b>: 14</b>
<b>Field Visit</b>	<b>: 6</b>

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**Outcome of the course**

Course: Waste Management

Course Started: 10.02.2022

Course Ended: 31.03.2022

No. Of. Participants: 19

GSDP – Course on Waste management was sanctioned to TCE ENVIS RP under sanction order **F.NO. 11/3/2021-Eco.D / Dated 18<sup>th</sup> November 2021 (INR 6,85,000/-)**

The inaugural function for the course was conducted on 10.02.2022, TCE ENVIS Conference Hall, Thiagarajar College of Engineering Madurai. The course was inaugurated by **Dr. M. Palaninatharaja, Principal(i/c)** Thiagarajar College of engineering., Madurai. In his inauguration speech he applauded the entire ENVIS team and the MOEF & CC for their effort in conducting skill development program for unemployed youth of our country. We have received 80 applications out of which 19 participants were selected for the course. The theory classes were conducted in the TCE ENVIS Seminar hall. The program is planned in such a way that the participant can gain theory as well as practical knowledge on solid waste management.

Various experts working on the field on waste management are invite from all parts on the stage, to educate the participants on the waste management techniques. More than 20 experts from various industries and academic institutions have visited out TCE ENVIS center and shared their experience on solid waste management. Internal experts waste management environmental engineering department the host institution was also shared their knowledge among the participant.

To educate the students with live hands on training, the students were taken to various field trips. The field trips include visit to Waste management facilities, Industries, Composting Yards and also to house hold collection centers. The participants are various with the handling segregation and collection on different types of waste in the domestic as well as Industrial areas. The hands on training of waste management helps to students in understanding the waste management techniques in depth.

The field visits supported to students to a greater extern in developing their own skills in handling waste management techniques. More over the hands on training has improved the confidence level of the participants and helps them to work individually in waste management. This has resulted in the development a new entrepreneur in waste management fields.

To give an example the participants were taken to a vermicomposting site near Madurai, when the participants are trained with the basic knowledge and also detailed training was given on how to do a vermicomposting process. To put in a nut still the participants are trained from 0 to 100 % on the process of vermicomposting techniques.

During the course the participants are also allowed to participate in waste management webinar are workshops organized by various educational institutes.

At the end of the course the participants and also assessed with viva voice examinations and written examinations on the waste management. Subject taught to them. We have also conducted on placement drive for the participants through which 14 participants out of 19 placed in various waste management companies cities, Green ethis,

The participants of this course were really satisfied among themselves in attending this course , which supported them in developing skills on waste management techniques. The aim of the course was attained.

The Valedictory functions of the course was conducted on 31.03.2022.

## About the inauguration

The Inaugural Function of GSDP course on waste management was held on 10<sup>th</sup> February 2022. The course was inaugurated by Dr. M. Palaninatharaja, Principal(i/c) Thiagarajar College of engineering., Madurai. 19 Participants from Different Parts of the Nation are present for the Inaugural function. The dean students Dr. M. Kottaisamy ., has preside over the function and Dr. R. Vasudevan ., TCE ENVIS RP Co-ordinator, Dean & Professor., has coordinate the function.



## GSDP Course – Batch II – 2021 -2022

### Participant List

S NO.	Candidate Name	Male/ Female	Place
1	AJITH R	M	Madurai, Tamilnadu
2	AMRUTHRAJ K V	M	Kannur, Kerala
3	ANITHA P	F	Thiruppathur, Tamilnadu
4	ATCHAYA DEVI V	F	Thiruthangal, Tamilnadu
5	EDRISHA RAJ	F	Patna, Bihar
6	GAYATHRI V	F	Rajapalayam, Tamilnadu
7	JEGAN K S	M	Madurai, Tamilnadu
8	KARTHI C	M	Kovilpatti, Tamilnadu
9	KEVIN BHIKADIA	M	Surat, Gujarat
10	MEENAKSHI SUNDARAM K	M	Madurai, Tamilnadu
11	NANDHINI M	F	Theni, Tamilnadu
12	NIVETHA M	F	Srivilliputtur, Tamilnadu
13	RAAJIE SARAVANAN	F	Madurai, Tamilnadu
14	RAHUL PADMANABHAN	M	WAYANAD, Kerala
15	SELVARAJ M	M	Nilakottai, , Tamilnadu
16	SHANMUGA PRIYA G	F	Madurai, Tamilnadu
17	SHERIN K O	F	Thrissur, Kerala
18	SRINIVASARAO GALAM	M	Andhra pradesh
19	VISHAL RAJBANSH	M	Patna, Bihar

### CLASSES SCHEDULE

#### 10.02.2022 – Circular Economy for Sustainable Future / Introduction to ENVIS

The FN Session was handled by Dr. M. Kottaisamy, Dean (students) Prof & HOD, Dept. of Chemistry, TCE. He discussed about the concepts of Circular Economy for Sustainable Future in Waste Management.



The AN Session was handled by Padma Shri Dr. R. Vasudevan, Coordinator TCE ENVIS. He had delivered a lecture about the Introduction of ENVIS and its importance.



### **11.02.2022 Introduction to Solid Waste Management / Characteristics of Solid Waste**

The FN Session was handled by **Dr. G. Balaji**, Professor Dept. of Architecture, TCE. He discussed about the Introduction of **Solid Waste Management and the importance of the course.**



The AN Session was handled by **Ms. S. Vishalakshi.**, Master Trainee GSDP student Batch 2020-21 and Ph. D Research Scholar, Dept of Botany, Thiagarajar College, Madurai. She discussed about the **Characteristics of Solid Waste and its composition.**



**14.02.2022 - Introduction to Solid Waste Management / Factors influencing waste generation, environmental and health hazards**

The FN Session was handled by Mr. R. Manoj Prabakar, GSDP 1<sup>st</sup> batch Master Trainee., and an entrepreneur. He discussed about the **Introduction to Solid Waste Management**



The AN Session was handled by Dr. V. Ravishankar, Assistant Professor, Dept. of Civil Engineering, TCE. He discussed about **Factors influencing waste generation, environmental and health hazards.**



**15.02.2022 - Waste Management / Reuse of Building Waste (Basics of Civil)**

The FN Session was handled by **Dr. R.K.C. Jeyakumar**, Asst. Prof, Dept. of Civil Engg., TCE. He had discussed about the Major concepts in Waste Management and also the importance of Waste Management. He also explained about the different properties of the solid waste.



The AN Session was handled by **Dr.R. Velkennedy**, Professor Dept. of Civil Engineering., TCE. He discussed about the different concepts on the management of construction debris and the effective waste Management of Construction and Demolition Waste.



**16.02.2022 - Circular Economy / Elements of integrated waste management and roles of stakeholders/ Waste -A source of income**

Mr. R. Sudalai Muthu.,GSDP 2<sup>nd</sup> Batch Master Trainee and CEO of Enviro zone, has handled both the session on 17.12.2021. He discussed about the **Waste -A source of income**.



**17.02.2022 - Embark your Start up with Environment enables / E. Waste / Composting of Solid Waste**

The FN 1<sup>st</sup> session was handled by **Dr. S. Balaji**, Assistant Professor, Department of Chemistry, TCE. His discussion was on the Topic **Embark your Start up with Environment enables**. He also addressed the participants on the scope on becoming an entrepreneur in Waste Management



The FN 2<sup>nd</sup> Session was handled by Mrs. K. Keerthy, Assistant Professor Dept. of Civil, TCE. She discussed about the **E Waste Management Techniques**.



The A/N Session was handled by **Ms. S. Vishalakshi**, Master Trainee, GSDP student, Batch 2020-21 and Ph.D Research Scholar, Dept of Botany, Thiagarajar College, Madurai. She discussed about the **Various Methods in Composting of Solid Waste**



### **18.02.2022 - Waste Management / Composting of Solid Waste**

The FN Session was handled by **Dr. R.K.C. Jeyakumar**, Asst. Prof, Dept. of Civil Engg., TCE. He had discussed about the Major concepts in Waste Management and also the importance of Waste Management. He also explained about the different properties of the solid waste



The A/N Session was handled by **Ms. S. Vishalakshi**, Master Trainee, GSDP student, Batch 2020-21 and Ph.D Research Scholar, Dept. of Botany, Thiagarajar College, Madurai. She discussed about the **Various Methods in Composting of Solid Waste**



### 21.02.2022 – / Sustainable Waste Water Treatment

The FN Session was handled by **Mr. R. Sudalai Muthu.**, GSDP 2<sup>nd</sup>Batch, Master Trainee and CEO of Enviro zone. He discussed about the **Importance on Circular Economy to attain & Elements of integrated waste management and roles of stakeholders,**



The AN Session was handled by **Dr. S. Chandran.**, Associate Professor, Dept. of Civil Engineering, TCE. He had discussed about the Sustainable Waste Water Treatment.



**22.02.2022 – Sustainable Waste Water Treatment / Plastic Waste Management**

The FN Session was handled by **Dr. S. Chandran.**, Associate Professor, Dept. of Civil Engineering, TCE. He had discussed about the Sustainable Waste Water Treatment.



The AN Session was handled by Padma Shri **Dr. R. Vasudevan**, Coordinator TCE ENVIS. He had discussed about the Plastic Waste Management.



**23.02.2022 – Integrated Solid Waste Management & Waste Management Business/ Strategy development and Planning for Waste Management**

The FN session was handled by **Dr. D. Kannan.**, Assistant Professor, Dept. of Botany., Thiagarajar College, Madurai., He discussed about the **Integrated Solid Waste Management & Waste Management Business**



The AN Session was handled by Dr. S. Rajendran., Associate Professor, Dept. of Botany, Saraswathi Narayanan College Madurai, He discussed about the **Strategy development and Planning for Waste Management**



**24.02.2022 - Solid Waste Management Vermicomposting / Smart IoT Based Mushroom Cultivation and Edibility Prediction**

Dr. R. Kannan., Assistant Professor, Dept. of Agriculture, Kalasalingam Academy of Research Education, Krishnan Kovil, Virudhunagar Dist. He has handled the session on 24.02.2022. He discussed about the various concepts on Solid Waste Management Systems, Particularly on Vermicomposting and Smart IoT Based Mushroom Cultivation and Edibility Prediction.



**25.02.2022 – Field Visit to Vellaikal Municipal Solid Waste Management sites in Madurai District. / Plastic Waste Management**

Field visit – to Vellaikal Municipal Solid Waste Management Yard, the trainee has given practical knowledge about the composting process and other techniques.





The AN Session was handled by Padma Shri Dr. R. Vasudevan, Coordinator TCE ENVIS. He had discussed about the **Plastic Waste Management**.



**28.02.2022 - Material Recovery Facilities (MRF) / Separation and Processing of Solid Waste / National Science Day Celebration Seminar on Science in Everyday Life an Integrated Approach of Ancient and Modern Technology**

The FN session was handled by Ms. K. Keerthy., Assistant Professor., Dept. of Civil Engineering, TCE. she had discussed about the **Material Recovery Facilities (MRF) / Separation and Processing of Solid Waste**



**National Science Day Celebration**

On the occasion of National Science Day 28.02.2022. TCE ENVIS RP organized a seminar Dr. M. Sivaraman., Former Professor, Gandhigram Rural Institute Gandhigram, delivered a guest lecture on **“The Science in Everyday Life an Integrated Approach of Ancient and Modern Technology”**





**01.03.2022 – Integrated solid waste Management / Recovery of metals from E-Waste**

The FN Session was handled by **Dr. R.K.C. Jeyakumar**, Asst. Prof, Dept. of Civil Engg., TCE. He discussed about the **Integrated Solid Waste Management techniques and its importance.**



The AN Session was handled by **Mrs. K. Keerthy**, Assistant Professor Dept. of Civil, TCE. She discussed about the **Recovery of metals from E-Waste Management Techniques.**



### 2.03.2022 – Landfill Waste Management / Construction and Building Waste Management

The FN Session was handled by **Dr. G. Balaji**, Professor, Dept. of Architecture, TCE. He discussed about the **Land Fill Process in Municipal Solid Waste Management**.



The AN Session was handled by **Dr. R. Velkennedy**, Professor Dept. of Civil Engineering., TCE. He discussed about the different concepts on the management of construction debris and the effective waste Management.



### 03.03.2022 – Rural Sanitation and Waste Management

Padma Shri Awardee Mr. Marachi Subburaman, SCOPE Managing Trustee., Musiri, has handled both the session on 03.03.2022. He discussed about the **Methods to be followed in followings Rural sanitation and Waste Management**



### 04.03.2022 – Field Visit to Saraswathi Narayanan Arts and Science College / Plastic Waste Management

GSDP trainees on Waste Management were taken to a field visit to Rural Biotechnology Lab at Saraswathi Narayanan College Madurai on 04.03.2022. The trainees were given practical knowledge about the composting process and other techniques. Dr. S. Rajendran, Associate Professor, department of Botany, guided the trainees with field demonstrations on the Solid Waste Management.



The AN Session was handled by Padma Shri Dr. R. Vasudevan, Coordinator TCE ENVIS. He had discussed about the Plastic Waste Management.



### 07.03.2022 - Remote Sensing and GIS / Plastic Waste Management

The FN Session was handled by **Dr.R. A. Alaguraja**, Associate Prof., Dept. of ECE, TCE. He discussed about the basic concepts on Remote sensing and GIS. He also told about how GIS & Remote Sensing helps in justify a sustainable waste management.



The AN Session was handled by Padma Shri Dr. R. Vasudevan, Coordinator TCE ENVIS. He discussed about the Plastic Waste Management.



### 08.03.2022 - Utilisation of Waste Plastics / Water scarcity in India, Challenges and Strategies

The FN session was handled by Dr. R. Velkennedy, Professor, Dept. of Civil Eng, TCE. He discussed about the **Utilization of Waste Plastics for Flexible Pavements**.



The AN Session was handled by **Dr. S. Chandran.**, Associate Professor, Dept. of Civil Engineering, TCE. He had discussed about the **Water scarcity in India, Challenges and Strategies**



### 09.03.2022 - General Waste Management Rules and regulations as given by MOEF & CC, CPCB, guidelines / Bio-mass energy recovery

The FN Session was handled by Dr. V. Ravishankar, Assistant Professor, Dept. of Civil Engineering, TCE. He discussed about the General Waste Management Rules and regulations as given by MOEF & CC, CPCB, guidelines.



The AN session was handled by Dr. S. Rajendran., Associate Professor, Dept. of Botany, Saraswathi Narayanan College Madurai. He discussed about the **Bio-mass energy recovery**



**10.03.2022 – Importance of Energy Conservation & Renewable Energy System.** Mr. V. Sivakumar, Proprietor, Alter Energy System, has handled the both session on 10.03.2022. He discussed about the **Importance of Energy Conservation & Renewable Energy System.**



**11.03.2022 – Field Visit to Thiagarajar College, Madurai / Autism children’s Learning process visit to Information Technology Lab**

GSDP Trainees on Waste Management were taken to a field visit to Research Centre on Solid Waste Management, Department of Botany, Thiagarajar College Madurai on 11.03.2022. The trainees were given practical knowledge about the composting processes and other techniques. Dr. D. Kannan Associate Professor and Head Department of Botany guided the trainees with field demonstrations on the Solid Waste Management Process .





The AN Session was handled by Dr. D. Tamil selvi., Associate Professor, Department of Information Technology TCE. She discussed about the Use of VR and other tools for in Autism children learning.





**14.03.2022- Food Waste Management / Hazardous Waste Management / Satellite Waste (Space Pollution) / Municipal Sewage Treatment System / Agriculture Waste to Bio CNG**

FN 1<sup>st</sup> Session was handled by Mr. R. Ajith ., GSDP Batch IV Participant., he discussed about the **“Food Waste Management”**



FN 2<sup>nd</sup> Session was handled by Ms. P. Anitha., GSDP Batch IV Participant., she discussed about the **Hazardous Waste Management**



FN 3<sup>rd</sup> Session was handled by Mr. K. V. Amruthraj,, GSDP Batch IV Participant., he discussed about the **Satellite Waste (Space Pollution)**



AN 1<sup>st</sup> Session was handled by Ms. V. Atchaya Devi., GSDP Batch IV Participant., she discussed about the **“Municipal Sewage Treatment System”**



AN 2<sup>nd</sup> Session was handled by Ms. Edrisha Raj., GSDP Batch IV Participant., she discussed about the **“Agriculture Waste to Bio CNG”**



**15.03.2022 – Field Visit to Sakthi Vermicompost Vadipatti / Innovation and effective**

GSDP trainees on Waste Management were taken to a field visit to Sakthi Vermi Compost Unit T. Vadipatti Madurai on 15.03.2022. The trainees were given practical knowledge about the vermicomposting process and other techniques. Mr. K. Sivasamy, Proprietor, Sakthi Vermi Compost unit guided the trainees with field demonstrations on the vermicomposting process and other techniques.



The AN session was handled by Dr. S. Balaji., Assistant Professor., Dept. of Chemistry, TCE. He discussed about the **Innovative and effective on Waste Management**



## 16.03.2022 – Value Engineering / Plastic Waste Management

The FN session was handled by Dr. M. Palaninatharaja, Principal, TCE. He discussed about the Value Engineering.



The AN Session was handled by Padma Shri Dr. R. Vasudevan, Coordinator TCE ENVIS. He had discussed about the **Plastic Waste Management**.



## 17.03.2022 – Ecomac Magnetic MSW Decomposition Machine / Ideas on starting Up the NGOs

The FN Session was handled by Mr. G. Bharanidharan., Master Trainee Waste Management GSDP 3<sup>rd</sup> Batch. He had discussed about the Municipal Solid Waste decomposition machine available in the market.



The AN session was handled by **Mr. R. Kamala Kannan.**, Master Trainee Waste Management GSDP 3<sup>rd</sup> Batch President, St Thomas Charitable and Educational Trust, Perundurai, Erode District. He discussed about the **ideas on Starting Up the NGO** related to Waste Management.



**18.03.2022- Field Visit to Musiri. / Mr. M. Subburaman , Managing Trustee, Society for Community Organization and People's Education (SCOPE) at Tiruchi, Tamil Nadu.**

GSDP Trainees were taken to field visit to Musiri Town Panchayat Municipal Solid Waste Management Yard and ECOSAN Toilets on 18.03.2022. The trainees were given practical knowledge about the composting process and other techniques. Mr. M. Subburaman (Padmashri Awardee) SCOPE Managing Trustee, Trichy. Guided the trainees with field demonstrations on the composting process and the importance of ECOSAN Toilets.





**19.03.2022 - Biodegradation of Plastic / Solid Waste Management / Compost Technology/ Global Warming, CC & US**

The FN 1<sup>st</sup> session was handled by MS. V. GAYATHRI., GSDP 4<sup>th</sup> Batch Participant. she discussed about the **Biodegradation of Plastic.**



The FN 2<sup>nd</sup> session was handled by **Mr. K. S. Jegan.**, GSDP 4<sup>th</sup> Batch Participant. He discussed about the **Solid Waste Management**



The AN 1<sup>st</sup> session was handled by **Mr. C. KARTHI.**, GSDP 4<sup>th</sup> Batch Participant. He discussed about the **Compost Technology in Solid Waste Management.**



The AN 2<sup>nd</sup> session was handled by **Mr. KEVIN BHIKADIA.**, GSDP 4<sup>th</sup> Batch Participant. He discussed about the **Global Warming, CC & US**



**21.03.2022 - E Waste & Polymer / TCE ENVIS RP & NSS Connected the Drawing Competition & Speech Competition for Panchayat Middle school, Sambamkulam Madurai**

The FN Session was handled by Dr. S. Muralisrinivasan., Industrial Polymer Consultant Madurai., He discussed about the **E Waste Management**.



**Celebration of International Forest Day:**

TCE ENVIS RP has conducted the following events in Celebrating the International Forest Day 2022. The events are conducted using the GSDP Participants & NSS volunteers of the Institution and the school students of Government Panchayat Union Middle School Samabakulam, Madurai.

1. An awareness rally among the public to create awareness on the importance of saving trees and avoiding deforestation.
2. Competitions for school students (Painting and Elocution) under the theme of the World Forest day 2022.





**22.03.2022 - GIS & Remote Sensing helps in justify a sustainable waste management /  
“Seminar on The Last Hour of Water Droplets”**

The FN Session was handled by **Dr .R. A. Alaguraja**, Associate Prof., Dept. of ECE, TCE. He discussed about the basic concepts on Remote sense and GIS . He also told about how GIS & Remote Sensing helps in justify a sustainable waste management.



The AN Session was TCE ENVIS RP organized a seminar cum webinar under the initiative " Ek Bharat Shreshtha Bharat" on the occasion of World Water Day2022 theme "**Rejuvenation of Ground Water**". Dr. G. Balaji., Professor, Dept. of Architecture TCE. He discussed about the "**The Last hour of Water Droplets**".



**23.03.2022 - Waste as Visual Feast / Bio Medical Waste & Plastic Waste Management Rules & regulations**

The FN session was handled by **Dr. S. A. V. Elanchezian.**, Associate Professor Dept. of Architecture. He discussed about the **Waste as Visual Feast**.



In the AN session was handled by **Dr. V. Ravishankar.**, Assistant Professor Dept. of Civil Eng. He discussed about the **Bio Medical Waste & Plastic Waste Management Rules & regulations**.



**24.03.2022 - Field Visit to Kalasalingam Academy of Research and Education, Krishnan  
Kovil, Srivilliputhur, Virudhunagar (Dist.)**

GSDP Trainees on Waste Management were taken to a field visit to the Department of Agriculture, Kalasalingam Academy of Education and Research Srivilliputhur on 24.03.2021. The trainees were given practical knowledge about the Integrated farming system using Waste followed at the Institute Dr. R. Kannan, Associate Professor, Department of Agriculture, guided the trainees with hands demonstrations on the different methods followed by under Integrated Farming System. Where the students, were given hands on Waste segregation and waste characterization. The students were also taken to the actual site of Vermicomposting and biogas plants.



**25.03.2021 - Plastic Waste in Solid Waste and Entrepreneurship Opportunities / Plastic Waste Management**

The FN session was handled by Mr. V. Seenivasan., General Manager, YUNUS ENVIRONMENT HUB. He discussed about the **Plastic Waste in Solid Waste and Entrepreneurship Opportunities in Plastic Waste Management.**



The AN Session was handled by Padma Shri **Dr. R. Vasudevan**, Coordinator TCE ENVIS. He had discussed about the **Plastic Waste Management.**



**26.03.2022 - SWACHH BHARAT MISSION- Urban 2.0 Solution for the Residential Waste (MSWM Form the source ) / Hazardous Battery Waste Management / Carbon sequestration through Miyawaki method**

The FN 1<sup>st</sup> session was handled by **Mrs. M. Nandhini**., GSDP 4<sup>th</sup> Batch Participant. she discussed about the - **SWACHH BHARAT MISSION- Urban 2.0 Solution for the Residential Waste MSWM From the source**



The FN 2<sup>nd</sup> session was handled by **Ms. Raaji Saravanan.**, GSDP 4<sup>th</sup> Batch Participant. She discussed about the **Hazardous Battery Waste Management**



The AN 1<sup>st</sup> session was handled by **Mr. Rahul Padmanbhan.**, GSDP 4<sup>th</sup> Batch Participant. He discussed about the **Carbon sequestration through Miyawaki method**



The AN 2<sup>ND</sup> session was handled by **Mr. M. Selvaraj.**, GSDP 4<sup>th</sup> Batch Participant. He discussed about the **Decentralized Waste Water Management.**



## 28.03.2022 – Plastic Waste Management / Art Craft on Plastic Waste

The FN 1<sup>st</sup> Session was handled by Padma Shri **Dr. R. Vasudevan**, Coordinator TCE ENVIS. He had discussed about the **Plastic Waste Management**.



The FN 2<sup>ND</sup> & AN Session was handled by **Dr. S. A. V. Elanchezian**, Associate Professor, Dept. of Architecture., TCE. He discussed about the Art craft on Plastic Waste.





**29.03.2022 - Climate Change / Bio Energy / Bio degradable Plastic/ Bio Medical Waste Management / E Waste / Bio Medical Waste Management / Plastone and its various Applications**

The FN 1<sup>st</sup> session was handled by **Mr. K. Meenakshi Sundaram.**, GSDP 4<sup>th</sup> Batch Participant. He discussed about the **Climate Change**



The FN 2<sup>ND</sup> session was handled by Ms. M. Nivetha., GSDP 4<sup>th</sup> Batch Participant. she discussed about the **Bio Energy**



The FN 3<sup>rd</sup> session was handled by Ms. Sherin K O., GSDP 4<sup>th</sup> Batch Participant. she discussed about the **Bio Degradable Plastic**



The FN 4<sup>th</sup> session was handled by **Dr. K. Chockalingam.**, Registrar (Admin) Professor and Head, Dept. of Mechanical Engineering TCE. He discussed about the **Bio Medical Waste Management**



The AN 1<sup>st</sup> session was handled by **Ms.G. Shanmuga Priya.,** GSDP 4<sup>th</sup> Batch Participant. She discussed about the **E Waste Management.**



The AN 2<sup>nd</sup> session was handled by **Mr. Srinivasarao Galam.,** GSDP 4<sup>th</sup> Batch Participant. He discussed about the **Bio Medical Waste Management.**



The AN 3<sup>rd</sup> session was handled by **Mr. Vishal Rajbansh.,** GSDP 4<sup>th</sup> Batch Participant. He discussed about the **Plastone and its various Applications.**

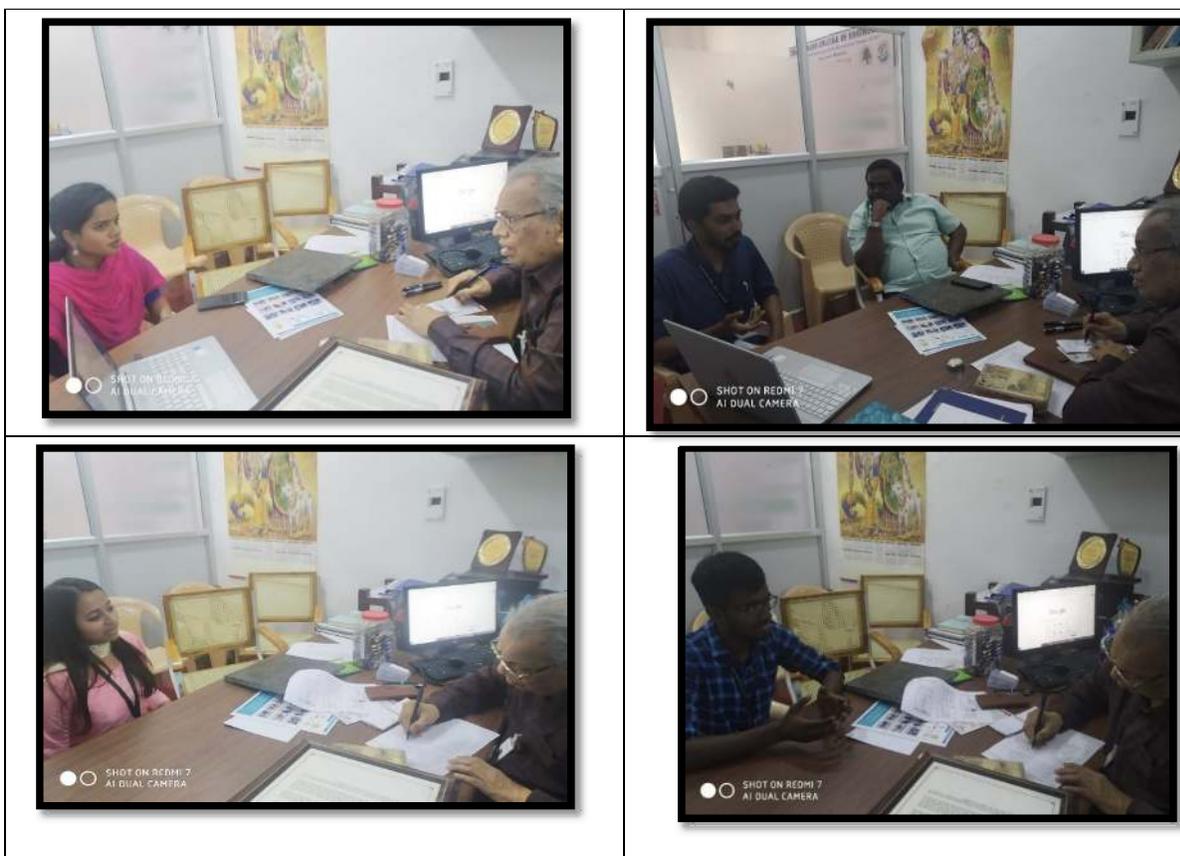


**30.03.2022- NANOCELLULOSE – A NATURAL POLYMER FOR MULTIFARIOUS APPLICATIONS  
/ Project viva on GSDP Participant**

The FN Session was handled by **Dr. M. Kottaisamy**, Dean (Students) Professor & Head, Dept. of Chemistry, TCE. He discussed about the concepts of **NANOCELLULOSE – A NATURAL POLYMER FOR MULTIFARIOUS APPLICATIONS**



**Project viva for GSDP Participant**





## Valedictory Ceremony

### Valedictory Report:

TCE ENVIS RP Conducted the Valedictory function on 31.03.2022. The function was conducted at K S Auditorium TCE. The function was graced by the presence of the following dignitaries

1. Dr. M. Palaninatharaja Principal, Thiagarajar College of engineering
2. Dr.R.Vasudevan Dean ECA, Co-ordinator TCE ENVIS RP
3. Mr.Ribhu Vohra ( Virtual mode) Co founder, Wasteless ,Auroville
4. Mr.K.Hari Thiagarajan Trustee Thiagarajar College of engineering, Madurai
5. Dr.M.Kottaisamy Dean Students , Professor & Head Department of Chemistry , TCE

Certificates are distributed to all the participants of the GSDP Batch –II .A webinar on plastic waste management was also organised as a part of the function in the chief guest “Mr.Ribhu Vohra” as presented the lecture (online) on the impact of waste Management of plastic waste.

The dignitaries thanked MoEF&CC and ENVIS secretariat for permitting us to conduct the GSDP course at TCE ENVIS RP. They have also appreciated the effort put forth by the ministry through the ENVIS scheme in conducting a green skill development program all over the country.



