



**NANDHA ENGINEERING COLLEGE**  
(Autonomous)  
Erode – 638 052



**Department of Agriculture  
Engineering**

*We cordially invites you all for Guest Lecture on*



***“Organic Farming for Sustainable Future  
and Development”***



18<sup>th</sup> November  
2021

**RESOURCE PERSON**

**Arachalur Mr. R. SELVAM**  
Co-Ordinator  
Tamil Nadu Organic Farmer Federation

*Time : 10.30 AM*

**zoom**



<https://us02web.zoom.us/j/83345272479?pwd=RXBxZXBVbkxuMTBnUjhzWDJKdGtMUT09>

Meeting ID: 833 4527 2479

Passcode: 656045

Co- Ordinator  
Mr. N. Mukilan  
AP / Agri

Covener  
Dr. M. Dhananivetha  
HoD / Agri

Principal  
Dr. N. Rengerajan



**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode 638 052.

Attendance list

Sl.No	Register Number	Name of the Student	Year
1	20AG003	DEEPIKA.S	II Year
2	20AG004	B.Dharani	II Year
3	20AG006	Dharani S	II Year
4	20AG006	DHARANI S	II Year
5	20AG007	FIZA TABASSUM A	II Year
6	20AG009	Harish R	II Year
7	20AG010	M.HARSINI	II Year
8	20AG011	J.V.INDRESH	II Year
9	20AG012	INTHU.M	II Year
10	20AG013	JAYAPANDI.J	II Year
11	20AG015	KAVIN.S	II Year
12	20AG016	KAVINESH.R	II Year
13	20AG017	KAVIN RAJ.R	II Year
14	20AG019	Kiruba A	II Year
15	20AG020	KIRUTHIKA.S	II Year
16	20AG021	Kowtheesh S	II Year
17	20AG023	Malathi.K	II Year
18	20AG025	P.MANORANJANI	II Year
19	20AG027	MEHARAJ.R	II Year
20	20AG029	MUKESH.K	II Year
21	20AG030	MYTHILI. J	II Year
22	20AG031	Nilavarasan T	II Year
23	20AG032	NISHANTHINI	II Year
24	20AG034	NIVASHINI S	II Year
25	20AG035	NOUVSHIKA E T	II Year
26	20AG037	Pooja.M	II Year
27	20AG038	A.R.PREETHA	II Year
28	20AG039	S.PRIYANKA	II Year
29	20AG040	RAJA N	II Year
30	20Ag041	Ravi Pravin .P	II Year
31	20AG042	T.RITHIKA	II Year
32	20AG043	Sanjay MP	II Year
33	20AG044	A.selin princy	II Year
34	20AG046	Shibi arasi	II Year
35	20AG047	SONIYA SREE P	II Year

36	20AG048	V.SONIYA	II Year
37	20AG049	N.Swetha	II Year
38	20AG050	SWETHA.R	II Year
39	20AG051	M THARANI	II Year
40	20AG052	VARSNICA	II Year
41	20AG053	VIDHYA SHREE.G	II Year
42	20AG054	Yogiya.S	II Year
43	19AG002	Aruna.R	III Year
44	19AG003	BHAVAN HARI KARTHI.S.S	III Year
45	19AG004	S.Brindha	III Year
46	19AG005	CHANDINI.R	III Year
47	19AG009	Harini R	III Year
48	19AG010	Haripriya S	III Year
49	19AG013	KAVIYA N	III Year
50	19AG014	Madhumitha.R	III Year
51	19AG015	V.Mary Sindhiya	III Year
52	19AG021	NIRMAL.S	III Year
53	19AG023	PAVITHRA R	III Year
54	19AG024	Poonguzhali	III Year
55	19AG025	Poornima.N	III Year
56	19AG029	Rakesh Annamalai	III Year
57	19AG032	Saminathan S R	III Year
58	19AG036	P.selvakumar	III Year
59	19AG037	Shirinshafnas k	III Year
60	19AG038	Sindhu S	III Year
61	19AG038	Sowmitha V	III Year
62	19AG039	Sindhu.S	III Year
63	19AG040	Sneka. A	III Year
64	19ag041	A.SOBICA	III Year
65	19AG043	SRIKARTHI.G	III Year
66	19AG044	Srinithi Ganesan	III Year
67	19ag045	Srithar. S	III Year
68	19ag045	Srithar. S	III Year, IV Year
69	19AG047	Tharshiny.M.R	III Year
70	19ag049	THILLAIARASAN S	III Year
71	19AGL01	Dharunya	III Year

72	19AGL02	V. Divya	III Year
73	19agl03	Elankecran. V	III Year
74	19agl06	S.PRADEEP KUMAR	III Year
75	17AG035	NAVEENA.P	III Year
76	17AG005	N.BHAVADHARANI	IV Year
77	17AG033	Nandhakumar.M	IV Year
78	18AG001	ABI PRASANTH S	IV Year
79	18AG002	Abirami Meenakshi SK	IV Year
80	18AG004	ARTHI.B	IV Year
81	18AG006	Aswin R	IV Year
82	18AG008	Bhuvanesh. P	IV Year
83	18AG009	R.Dhivyadharshini	IV Year
84	18AG009	R.Dhivyadharshini	IV Year
85	18AG010	EINDHUJA. M	IV Year
86	18AG012	G.HARSHAVARTHINI	IV Year
87	18AG015	JOBIN JOSEPH	IV Year
88	18AG016	KAMALI K	IV Year
89	18AG018	Karthikeyan.k	IV Year
90	18AG019	Keerthana T	IV Year
91	18ag020	kiruthicumaran. A	IV Year
92	18AG021	Manobala.G	IV Year
93	18ag023	Muhendran	IV Year
94	18AG024	Naveen Kumar P	IV Year
95	18AG025	NAVEENA P	IV Year
96	18AG027	NITHYA DEVI K R	IV Year
97	18AG033	Rubika B	IV Year
98	18AG035	Sasi.S	IV Year
99	18AG037	SHALINI.S	IV Year
100	18AG038	Shanmathi.T	IV Year
101	18AG039	SNEHA M	IV Year
102	18AG040	Sowbakiya.R	IV Year
103	18AG041	Sree Hariharan	IV Year
104	18AG042	Sri rama krishnabharani	IV Year
105	18AG044	Vanisha	IV Year



  
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NANDHA ENGINEERING COLLEGE(AUTONOMOUS)  
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DEPARTMENT OF AGRICULTURE ENGINEERING  
GUEST LECTURE ON  
ORGANIC FARMING - WAY FOR SUSTAINABLE FUTURE AND  
DEVELOPMENT



RESOURCE PERSON : ARACHALUR R SELVAM

Profile:

He is an organic farmer.

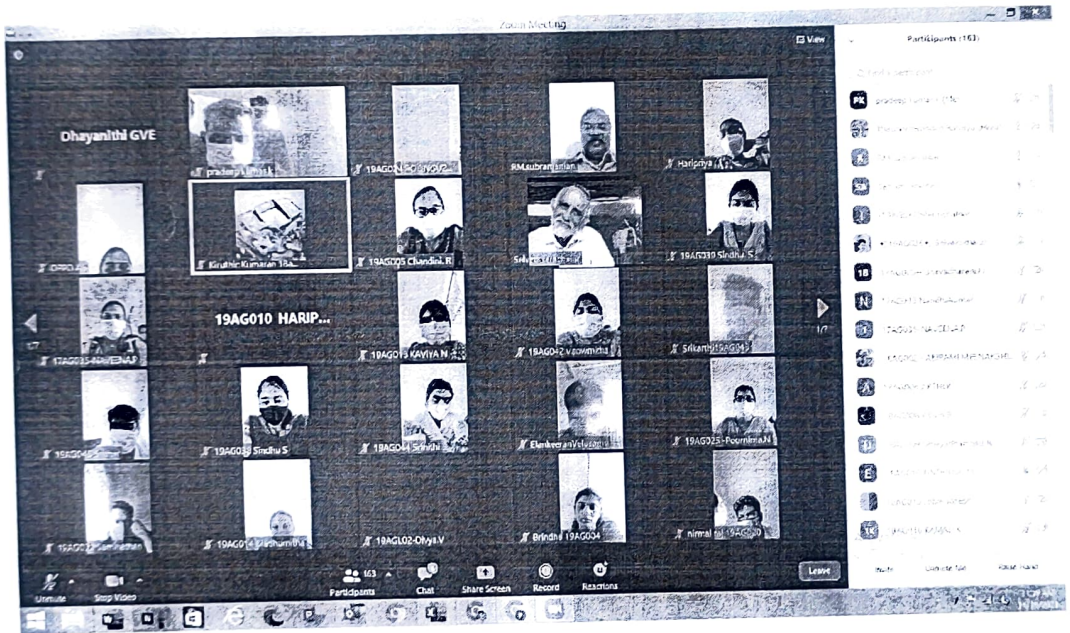
Former Government employee, who resigns to spread the awareness of organic farming.


Co-ordinator of Tamil Nadu organic farmers Federation, Arachalur, Erode.

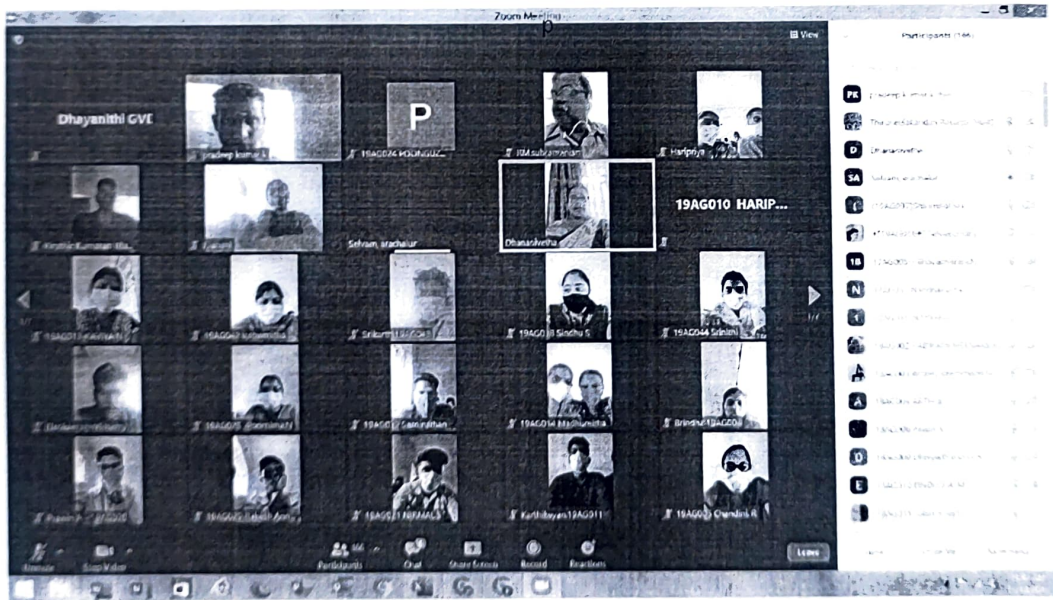
Activist in organic farming. In this field he has over 25 years of experience.



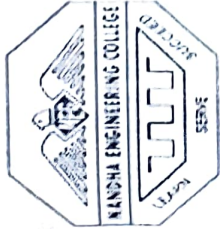
  
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# NANDHA ENGINEERING COLLEGE

(An Autonomous Institution, affiliated to Anna University, approved by AICTE)

Erode - 52

## DEPARTMENT OF AGRICULTURE ENGINEERING

Cordially invites you for a **Academic Webinar on**



Resource Person

**DATE TIME**

NOVEMBER

**29**



Google Meet

**Dr. Gowthami, R.**

Scientist (Genetics and Plant breeding)  
Tissue Culture and Cryopreservation Unit  
ICAR- National Bureau of Plant Genetic Resources  
(ICAR- NGPGR), Pusa Campus., New Delhi.

**EVENT CO-ORDINATOR**

Mr. N. Mukilan,  
AD / Agri

**CONVENER**

Dr. M. Dhananivetha,  
HoD / Agri.

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**Dr. N. Rengarajan**  
**PRINCIPAL / NEC**



**NANDHA ENGINEERING COLLEGE**  
 (Autonomous)  
 Erode – 638 052  
 Department of Agriculture Engineering  
 Academic Webinar on  
 “Conservation of Plant Genetic Resources”  
 Attendance sheet

S. No.	Reg. No.	Name
1	18AG001	ABI PRASANTH S
2	18AG002	ABIRAMI MEENAKSHI S K
3	18AG003	ANTONY PREMCHAND M
4	18AG004	ARTHI B
5	18AG005	ASHOKKUMAR S
6	18AG006	ASWIN R
8	18AG008	BHUVANESH P
9	18AG009	DIVYADHARSHINI R
10	18AG010	EINDHUJA M
11	18AG011	GIRIDHARAN K
12	18AG012	HARSHAVARTHINI G
13	18AG013	JAI SURYA K
14	18AG014	JAYAPRAKASH A V
15	18AG015	JOBIN JOSEPH
16	18AG016	KAMALI K
17	18AG017	KARPAGAM M
18	18AG018	KARTHIKEYAN K
19	18AG019	KEERTHANA T
20	18AG020	KIRUTHIC KUMARAN A
21	18AG021	MANOBALA G
22	18AG022	MAYILSAMY G
23	18AG023	MUHENDRAN S
24	18AG024	NAVEEN KUMAR P
25	18AG025	NAVEENA P
27	18AG027	NITHYA DEVI K R
28	18AG028	PARTHIBAN M
29	18AG029	PAVITHRA B
30	18AG030	RAKSHANA BEGAM M
31	18AG031	RAMAKRISHNAN V L
32	18AG032	RAMANATHAN P
33	18AG033	RUBIKA B
34	18AG034	SAKTHIVIGNESH S
35	18AG035	SASI S
36	18AG036	SASIKUMAR P
37	18AG037	SHALINI S
38	18AG038	SHANMATHI T
39	18AG039	SNEHA M
40	18AG040	SOWBAKIYA R

41	18AG041	SREE HARIHARAN E
42	18AG042	SRI RAMA KRISHNABHARANI T
43	18AG043	SRIRAM VISHVANATHAN M
44	18AG044	VANISHA S
45	18AGL01	DHAYANITHI G V E
46	18AGL02	KAMALAKANNAN S
47	18AGL03	KRISHNAKUMAR S
48	17AG005	BHAVADHARANI N
49	17AG033	NANDHAKUMAR.M
1	19AG001	ABISHEK A
2	19AG002	ARUNA R
3	19AG003	BHAVAN HARI KARTHI S S
5	19AG005	CHANDINI R
6	19AG006	DHEVAYANI P
9	19AG009	HARINI R
10	19AG010	HARIPRIYA S
13	19AG013	KAVIYA N
14	19AG014	MADHUMITHA R
15	19AG015	MARY SINDHIYA V
16	19AG016	MATHUMITHRAN R
18	19AG018	MENAKA GANDHI N
20	19AG020	NIRMAL RAJ M
21	19AG021	NIRMAL S
22	19AG022	PARVATHI R
25	19AG025	POORNIMA N
29	19AG029	RAKESH A
30	19AG030	RAMANARAYANAN S
31	19AG031	RAVIRAJKUMAR R
32	19AG032	SAMINATHAN S R
33	19AG033	SANJEEVAN Y
36	19AG036	SELVAKUMAR P
39	19AG039	SINDHU S(24.12.2001)
40	19AG040	SNEKA A
42	19AG042	SOWMITHA V
44	19AG044	SRINITHI G
45	19AG045	SRITHAR S
46	19AG046	THANGARASU A
47	19AG047	THARSHINY M R
49	19AG049	THILLAIARASAN S
50	19AGL01	DHARUNYA P
51	19AGL02	DHIVYA V
52	19AGL03	ELANKEERAN V
53	19AGL04	SEENIVASAN C
54	19AGL05	ELANGO K
55	19AGL06	PRADEEP KUMAR S
56	19AGL07	PRAVEEN KUMAR
57	19AGT01	KAVIYA S
58	17AG035	NAVEENA P



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Erode - 638 052.

**Dr. Gowthami. R**

Scientist

Tissue Culture and Cryopreservation  
UnitICAR-National Bureau of Plant  
Genetic Resources (NBPGR),  
Pusa Campus, New Delhi-110 012[gowthamir111@gmail.com](mailto:gowthamir111@gmail.com),[Gowthami.R@icar.gov.in](mailto:Gowthami.R@icar.gov.in)

Mob. No- 9715674533



Dr Gowthami R, graduated from University of Agricultural Sciences-Bengaluru, post graduated from Dr. Panjabrao Deshmukh Krishi Vidyapeeth - Akola and doctorate from Tamil Nadu Agricultural University-Coimbatore. She also holds PG Diploma in Intellectual Property Rights and PG Diploma in Rural Development. Her specialization is Genetics and Plant Breeding. She is a gold medalist during her under graduation and university topper during post graduation and doctoral degree program and bagged with nine awards during her college days for her academic excellence. She is recipient of prestigious DST sponsored INSPIRE Fellowship for her doctoral degree program. Presently working as Scientist at ICAR-National Bureau of Plant Genetic resources, New Delhi. She has expertise in conventional breeding, mutation breeding, molecular breeding, *in vitro* conservation and cryopreservation of bulbous crops, medicinal and aromatic plants, pollen cryopreservation and embryo rescue. She has more than 85 research publications to her account which includes research papers in peer reviewed journals, book chapters, technical/popular articles etc. She has also co-authored a book entitled "Text book on Plant Genetic Resources Conservation (Kalyani Publishers). She is also a recipient of several awards and recognitions like, Young Scientist Award -2017, Best Researcher Award – 2017 and Best Young Researcher Award – 2018.

**Recent Publications**

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- Gowthami R, N Sharma, R Pandey and A Agrawal (2021) Status and consolidated list of threatened medicinal plants of India. *Genet Resour Crop Evol* (Accepted) (NAAS rating: 7.07; Impact factor: 1.07)
- Gowthami R, N Sharma, R Pandey and A Agrawal (2021) A model for integrated approach to germplasm conservation of Asian lotus (*Nelumbo nucifera Gaertn.*). *Genet Resour Crop Evol* 68: 1269–1282 (2021). <https://doi.org/10.1007/s10722-021-01111-w> (NAAS rating: 7.07; Impact factor: 1.07)
- Gowthami R, C Vanniarajan, J Souframanien, K Veni and VG Renganathan (2021) Efficiency of electron beam over gamma rays to induce desirable grain-type mutation in rice (*Oryza sativa* L.), *International Journal of Radiation Biology*, 97(5); 727-736, <https://doi.org/10.1080/09553002.2021.1889702> (NAAS rating: 8.37; Impact factor: 2.37)
- Sharma N, R Gowthami, S Vimala Devi, EV Malhotra, R Pandey and A Agrawal (2021) Cryopreservation of shoot tips of *Gentiana kurroo* Royle – a critically endangered medicinal plant of India. *Plant Cell Tissue Org Cult* 144: 67 – 72. <https://doi.org/10.1007/s11240-020-01879-2> (NAAS rating: 8.20; Impact factor: 2.19)
- Sharma N, R Gowthami, R Pandey and A Agrawal (2020) Influence of explant types, non-embryogenic synseed and reduced oxygen environment on *in vitro* conservation of *Bacopa monnieri* (L.) Wettst. *In Vitro Cell Dev Biol- Plant* 56: 851–856 <https://doi.org/10.1007/s11627-020-10092-x> (NAAS rating: 7.45; Impact factor: 1.814)



  
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## FEEDBACK

### CONSERVATION OF PLANT GENETIC RESOURCES

#### INTRODUCTION

The "welcome address" was given by third year agri student Pavithra.R, she cordially invites the guest ,principle, HOD,department faculties and the participants for the seminar on the topic conservation of plant genetic resource .

Next to her department HOD mam has invited the resource person "**Dr.R.Gowthami**" scientist in the field of genetics and plant breeding and she ranked first in the university and awarded gold medals .

#### CONTENT

The theme of the seminar was well explained by the resource person .she explained about the biodiversity, its types and got into the topic PGR- plant genetic resource. It is the genetic material of plant origin in potential value in form of the seed vegetative propagule ,tissue ,cell ,pollen ,DNA molecules etc.. she explained, about its importance

India a gene rich country, with many biosphere resource ,there are many challenges in this.

The major challenge is population leads to inadequate feeding result in **Triple burden of malnutrition** the another important factor is climate it leads to the loss of agro biodiversity .

By organizing those programme we can increase reliance of few plants, conservation and management of all components of agri biodiversity at ICAR Bureaux,there following 2 Strategies for conservations it is **Insitu and Exsitu** conservation. PGR management system involves nodal institutes. NBPGR has a perfect Nutshell to execute its process which are in progress.

Approximately 7 million crops are being conserved in genebank collection and the back up seed bank for the worlds crop genetic resourses at Sbalbaed Global Seed valut at Norway.

NBPGR has data base on seed genebank, invitro genebank ie.,tissue culture and cryogene bank foe lang term conserving. It can be conserve the seed embryo, pollen, genomic content for the benefit of plant breeders.

She gave a healing exam tips on this semester, her words, **knowledge has no boundaries** is a damn true thing which can attain by hardworking and following things like preparing early and have to study the subject with love and read the reviews articles on the concept highlights the points and do all practices well.

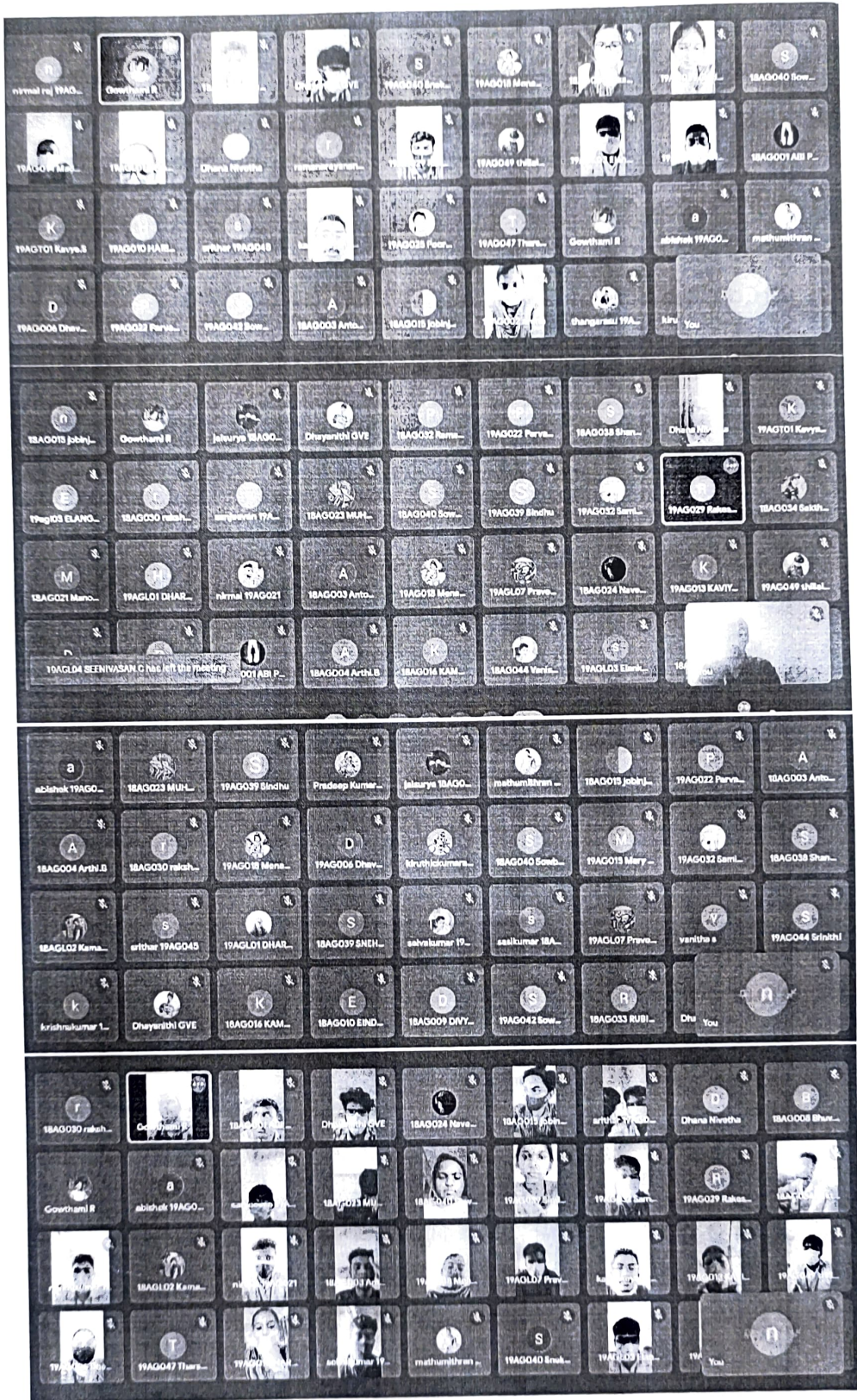
The presentation should have introduction, body, conclusion have to avoid long stories. The way of presentation must have the flowchart, diagram which can give more point.She explained well about the topic and the exam preparation content.



  
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## **CONCLUSION**

The vote of thanks was given by agri department faculty Mr.N.Mukilan, he thanked the resource person for her sharing knowledge of topic to the participants. He also thanked the principal, HOD, other faculty members and the students. The seminar is full of knowledge and very thankful for the session and happy to learn.



*[Handwritten Signature]*  
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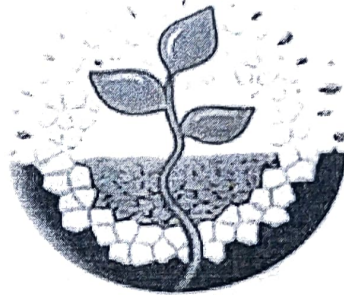
## DEPARTMENT OF AGRICULTURE ENGINEERING

Cordially invites you to the

# WORLD SOIL DAY - 2021

## Celebrations

DATE



TIME



**Theme: Halt soil Salinization Boost soil productivity**

**Special Lecture**

on

**SOIL SALINITY - CAUSES, CHARACTERISTICS  
& MANAGEMENT**

By

**Dr. B. NANDHINIDEVI**

Assistant Professor (SS & AC)

Mother Theresa College of Agriculture

Pudukkottai



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Erode - 638 052.

**Dr. N. Rengaraja**  
**PRINCIPAL/NEC**

**EVENT CO-ORDINATOR**

**CONVENER**

**Mr. N. Mukilan,**  
AP / Agri.

**Dr. M. Dhananivetha,**  
HoD / Agri.





## NANDHA ENGINEERING COLLEGE

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### Department of Agriculture Engineering

#### Attendance List Guest Lecture on World Soil Day

Sl. No	Reg No	Name	Year
1	17AG035	NAVEENA.P	III Yr
2	19AG001	A.ABISHEK	III Yr
3	19AG002	Aruna.R	III Yr
4	19AG003	BHAVAN HARI KARTHI.S.S	III Yr
5	19AG004	S.BRINDHA	III Yr
6	19AG005	CHANDINI.R	III Yr
7	19AG006	Dhevayani P	III Yr
8	19AG007	Elamaran M	III Yr
9	19AG010	HARIPRIYA S	III Yr
10	19AG012	Kavinkumar T	III Yr
11	19AG013	KAVIYA N	III Yr
12	19AG020	NirmalRaj.M	III Yr
13	19AG021	NIRMAL.S	III Yr
14	19AG023	Pavithra	III Yr
15	19AG024	Poonguzhali T	III Yr
16	19AG027	PRAVIN P	III Yr
17	19AG028	Prawin A	III Yr
18	19AG031	Ravirajkumar R	III Yr
19	19AG032	Saminathan S R	III Yr
20	19ag033	Sanjeevan.y	III Yr
21	19AG034	Sathya S	III Yr
22	19AG037	K.shirin Shafnas	III Yr
23	19AG038	SINDHU S	III Yr
24	19AG039	Sindhu. S	III Yr

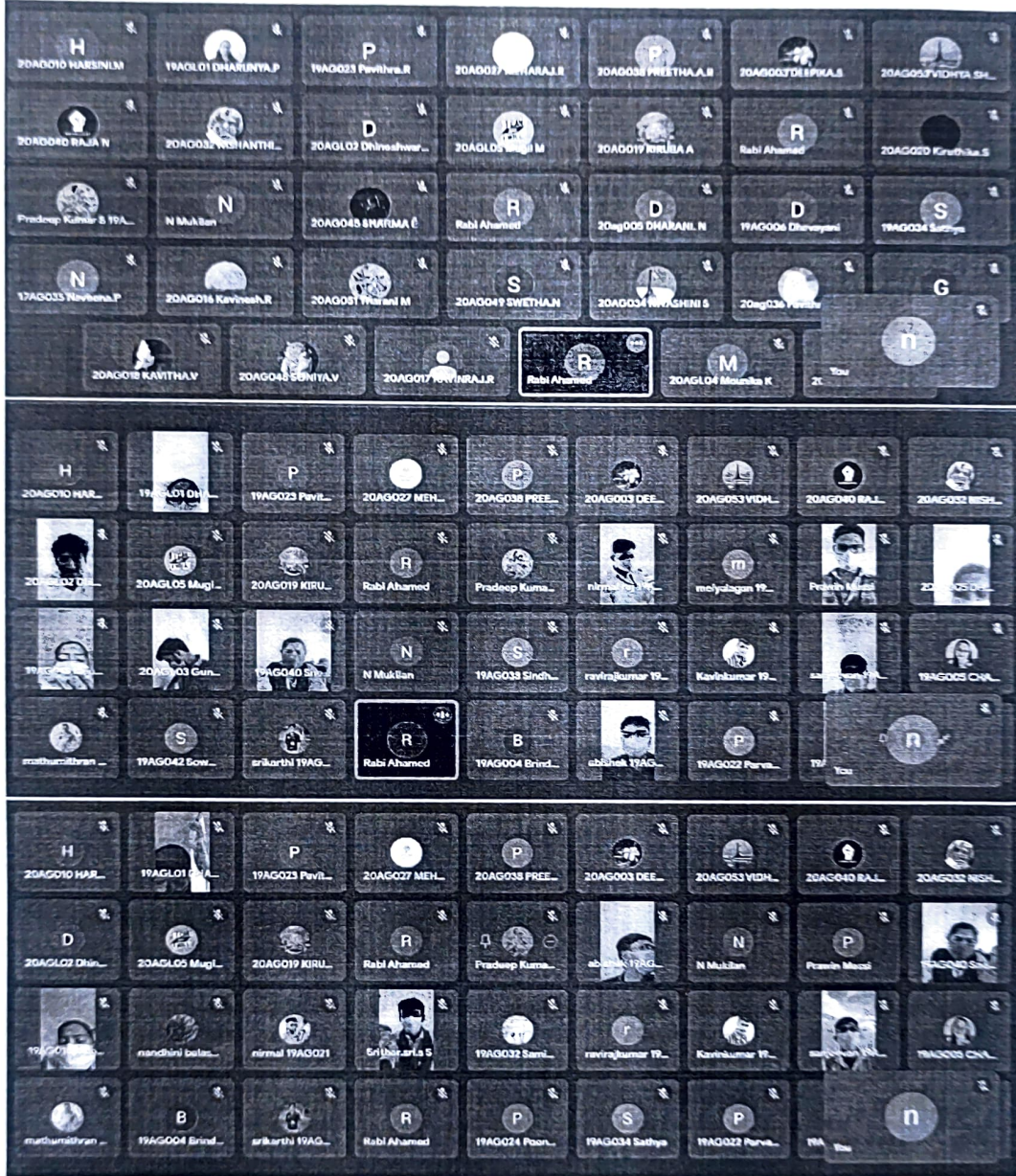


  
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**Department of Agriculture Engineering**



*(Signature)*  
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## NANDHA ENGINEERING COLLEGE

Autonomous Engineering College, Erode, Tamil Nadu, India. (Approved by AICTE, 2011)

Erode - 52

### Department of Agriculture Engineering

WORLD SOIL DAY – 2021

Webinar on: **Halt soil Salinization Boost soil productivity**

#### Introduction

Introduction was by the III-year Agri department student Haripriya S, she shares some words about soil and its importance. The Theme of world soil day 2021 is “Halt soil salinization, enhance soil production”.

#### Welcome Address:

After to her Mr. Rabi thamed sir Associate professor of Agriculture Engineering department, gave the welcome address, he gladly welcomes the resource person Dr. B. Nandhinidevi, Assistant professor of Mother Theresa college of agriculture, Pudukkottai. He also explained about the topic content.

Dr. B. Nandinidevi mam explained well about the topic “Soil salinity” the major problem in the land is salinity which affect the crop growth and yield it also affect farmer’s economic level. She gave the data on soil saline and solidity rich field in India and Tamil Nadu. There are so many problems on saline-sodic soil which was clearly explained by the resource person. She also gave the apt reclamation and management practice to reduce those problems. There some crops which can tolerate salt so, we can also induce those crops in the field. The management process involves not only on choosing crop, also in fertilizer, cultural practice, physical method and irrigation method. The problems and solution were given by her. She concluded her content with the Theme of the soil day.

She asked for doubt classification, III-year students asked doubts legumes plant to be place there, mam explained for her question clearly.

#### Vote of Thanks:

The vote of thanks is delivered by III-year student Chandini, she thanked the principle, HOD mam, all other faculties of Agriculture Department. She also thanked the students for their co-operation. She concluded with the Gandhiji words, to forget how to dig the earth and to tend the soil is to forget ourselves.

Finally, Mr. Mukilan sir, faculty of Agriculture Engineering Department also thanked the resource person for her sharing of knowledge on the topic.



  
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**NANDHA ENGINEERING COLLEGE**  
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 Department of Agriculture Engineering

*“Turn a perceived risk into asset”*

DATE: 18.12.2021



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*Department of Agriculture Engineering*  
 &  
*Institution's Innovation Council (IIC)*  
 Jointly organizes an event on

**“Turn a perceived RISK into ASSET”**

Self – Driven activity

**RESOURCE PERSON**

Mr. S. Janarthanan, B.E.,  
 Managing Director,  
 Sri Kongu Cojrs Pvt. Ltd.,  
 Solar, Eorde

Date: 18.12.2021  
 Time: 11 to 12.30pm

Platform  
 ONLINE

Event Coordinator

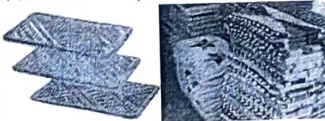
Dr. S. Vanitha, IA & CiPD Coordinator, AP / Agri. Engg.

IIC team of Nandha Engineering College  
 welcomes you all

Dr. M. Dhananivetha  
 Convener – Agri. (NEC)



Dr. M. Easwaramoorthi  
 President – IIC (NEC)



Dr. N. Rengarajan  
 Principal



*N.S. Rengarajan*  
 HoD 17/12/21



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### Department of Agriculture Engineering

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S. No	Name	Register No	Year
1	NAVEENA.P	17AG035	III
2	BHAVAN HARI KARTHI.S.S	19AG003	III
3	S.BRINDHA	19AG004	III
4	Harini R	19AG009	III
5	HARIPRIYA S	19AG010	III
6	Mathumithran R	19AG016	III
7	Nirmal Raj.M	19AG020	III
8	Pavithra.R	19AG023	III
9	Poornima.N	19AG025	III
10	Rakesh A	19AG029	III
11	Ravirajkumar R	19AG031	III
12	Saminathan S R	19AG032	III
13	Sindhu. S	19AG039	III
14	A.SOBIKA	19AG041	III
15	SRIKARTHI	19AG043	III
16	Srinithi	19AG044	III
17	Srithar. S	19ag045	III
18	Elankeeran	19ag103	III
19	S.PRADEEP KUMAR	19agl06	III
20	KAVYA S	19AGT01	III
21	FIZA TABASSUM A	20AG007	II
22	INTHU.M	20AG012	II
23	Kiruba A	20AG019	II
24	KIRUTHIKA.S	20AG020	II
25	Malathi.K	20AG023	II
26	MEHARAJ.R	20AG027	II
27	A.R.PREETHA	20AG038	II
28	Ravi pravin p	20Ag041	II
29	SWETHA.R	20AG050	II
30	Vidhya shree.G	20AG053	II
31	M.MUGIL	20AGL05	II
32	Magesh.a	20AGO22	II

33	Abinaya. G	21ag002	I
34	S.AKASH RAJ	21AG003	I
35	Balakaviya.B	21AG004	I
36	BRINDHA G	21AG005	I
37	Deepa T	21AG006	I
38	Dhanush Priyan S	21AG007	I
39	Dhanya.T	21AG008	I
40	Dharun P	21AG009	I
41	Gayathri.V	21AG010	I
42	GOKUL P	21AG011	I
43	HARIPRIYA .L.M	21AG012	I
44	P.Indhuja	21AG013	I
45	T.Indhumathi	21AG014	I
46	Jamuna Devi S S	21AG015	I
47	J.Janani	21AG016	I
48	MEENAA K	21AG018	I
49	NINIL. H	21AG019	I
50	Praveena.s	21AG020	I
51	PREETHI S.	21AG021	I
52	S. Priyadharshini	21AG022	I
53	R Priyanka	21AG023	I
54	Ratchanya. A	21AG024	I
55	Rithanya V	21AG025	I
56	Rithika.K.V	21AG026	I
57	K.RUBESH SHANKAR	21AG027	I
58	Sameena begum A	21AG028	I
59	SANTHOSH K	21AG030	I
60	SASIKUMAR S.	21AG031	I
61	D.SOBIGA	21AG034	I
62	Sree dhivesh kann R	21AG035	I
63	SRI LAKSHMI SIVAKUMAR	21AG036	I
64	S.Subash	21AG037	I
65	SUJIN.P	21AG038	I
66	Sumathi S	21ag039	I
67	Suthakar.S	21AG040	I
68	YASHMIN.G	21AG044	I

*M. Theya*  
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**Short Profile**

<b>Name</b>	S. JANARTHANAN
<b>Qualification</b>	B.E. (Mech.)
<b>DOB</b>	09.05.1996
<b>Training Experience</b>	GeoTex- Allepey Coir Board Training Coir Board- EDP (Entrepreneur Development Program)
<b>Position</b>	Managing Director (Srichakra Coirs Solam)
<b>Mail Id</b>	Janarth.erd@gmail.com
<b>Phone Number</b>	8508339963
<b>Master Trainer</b>	Coir and Value Added Products to Artisans
<b>Address</b>	90 - Iranian Street, Solar Piriviu, Solar - Railway Colony Post, Erode-2.

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The entrepreneur and the young mind, Mr. S. Janarthanan gave a wonderful speech about his coir industry. Coir is made up of wastage of coco peat. Coir industry is one of the cost efficient, environmental friendly, social service to some of job lacking people. Coir is a eco - degradable material and eco-friendly. There are many products obtained from coir (like mat, fibre mats, matting rugs, coir geo textile, coir peat, garden article and other products).

Coir industry was first started by Mr. James Darragh in Alleppey, Kerala in 1859. This was developed due to labour charge was high. Coconut has 34 by-products including coir. There are two types of coir namely brown and white. White coir is extracted from fresh coconuts after soaking for upto 10 months. It is also used to making finishing nets due to excellent resistant to salt water. Brown coir is used in floor mats and door mats, brushes, mattress, floor tiles and sacking and twine. The coco peat also most widely used and has high electrical conductivity.

Coco peat has a 5% water holding capacity. China is one of the most brown fibre buying country. They used this brown fibre as a bed in hospitals. Coco peat absorbs water very quickly and organic medium cation exchange capacity is more. It helps in the exchange of cations from the nutrients and water roots absorb. Coir processes amount natural potassium (K) and phosphorous (P). It also contain trace amount of Nitrogen (N), calcium(Ca), iron (Fe), Zinc (Zn), Chlorine(Cl), etc...

Finally he said about coir yarn, Which has 2 ply, spun from Coir fibre. The Coir yarn is of different quality grade. The final product of the coir will be based on the quality of the coir. The disadvantage of the coir is it can have an extremely high salt constant.

Many of the students asked their doubts how to start up to the coir industry and the cost efficiency for the coir industry. The interaction was great between the speaker and the participants.

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