# K.S.R COLLEGE OF ENGINEERING, TIRUCHENGODE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University,

Chennai.

## **ORGANIZED BY**

## DEPARTMENT OF CIVIL ENGINEERING

AICTE SPONSORED SHORT-TERM TRAINING PROGRAM (STTP) - PHASE: II

Academic Year: 2020-2021

## TITLE

Forum on Nurturing Clean-Water and Green-Waste - Phase: II

DATE(S): 28-10-2020 to 04-11-2020

K.S.R. COLLEGE OF ENGINEERING K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215



## K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE – 637 215 (Autonomous)

## **Event Schedule and Report**

1	Name of the Event (Seminar/Workshop/Conference/FDP/Any other)	AICTE Sponsored Short-term Training Program (STTP) - Phase : II
2	Name of the Department	Civil Engineering
3	Date of the Event	28-10-2020 to 04-11-2020
4	Venue	Online mode through Google Meet
5	Title of the Event	Forum on Nurturing Clean-Water and Green- Waste - Phase : II
6	Name of the Co-ordinators	Dr.V.Revathi Prof and Head Dr. S. Senthilkumar, Prof Dr.N.Muralimohan ,Asoct.Prof Mr.S.Elango, Asst.Prof
7	Total Participants	40
8	Objectives of the Event	This STTP focuses on latest research methodologies and relevant skills required in the field of water, wastewater, treatment facilities and effective handling green wastes.

**CO-ORDINATOR** 

Dr. S.SENTHILKUMAR, Professor of Civil Engineering, K.S.R. College of Engineering, Tiruchengode- 637215. Hop/civil

Dr. V. REVATHI, M.Tech., Ph.D.,

Professor and Head
Department of Civil Engineering
K.S.R. College of Engineering
Tiruchengode - 637 215.

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TIRUCHENGODE 637 215



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## **Department of Civil Engineering Organizes** AICTE Sponsored Phase-II Online STTP "Forum on Nurturing Clean-Water and Green-Waste" 28rdOctober 2020 to 04th November 2020

#### Intent of STTP:

To augment the skill development and research culture among the students, scholars and faculty members, this AICTE Sponsored STTP is organized.

#### Theme:

The majority of waste is disposed of in landfills and oceans, posing a threat to the environment and human health. Green waste recycling is an excellent way to protect the environment. The goal of green waste recycling is to protect landfills and oceans from waste-related toxins. When you recycle something instead of throwing it in the trash, it goes to a special waste yard where it will be utilized for something else instead of lying in our landfill for years. Recycling your green waste can assist the environment by lowering the amount of methane in the atmosphere. Recycling green waste can have a major impact on the health and lifespan of our planet. Apart from Green waste management skills, this STTP is addressed to ensure the clean water management research methodologies.

#### **Topics Covered:**

Dr. G. Maheswaran, Principal, VSB School of Engineering, Executive Council Member ISTE-New Delhi delivered a lecture on Water to holy water. Dr. S. Saravanan, Assistant Professor / Civil, NIT-Tiruchirappalli gave lecture on Applications of remote sensing and GIS in hydrology and water resource. Dr. D. S. KaviyaSomasundaram, Post-Doctoral Fellow, CUSAT-Kochi-Kerala talked about Waste driven nano materials and its application which enhance the research culture. Dr. SumanthChinthala, Assistant Professor/ Civil, NIT-Warangal discussed on Nurturing clean water: emerging challenges and Solutions. Dr. Pravin G. Ingole, Scientist, Chemical Engineering Group CSIR-Assam delivered the topic as Polymeric membranes; sustainable future for clean water and environmental protection. Dr. Susant Kumar Padhi, Assistant Professor / Civil, Shiv Nadar University Greater Noida-Uttar Pradesh discussed about Treatment of gaseous volatile organic compounds Using a rotating biological contactor: a clean technology. Dr. Abhilash T. Nair, Assistant Professor, Environmental Engineering NIFFT-Hatia-Ranchi delivered a keynote on Application of sludge from water treatment plants for wastewater treatment. Dr. MotheGopi Kiran, Associate Professor/ Civil, Lingayas Institute of Management and Technology, Vijayawada discussed about Potential of rotating biological contactor reactor for heavy metal removal from wastewater via biological sulfate reduction. Dr. Samson Sisupalan, Professor/ Civil Engineering, Vel-Tech University-Chennai gave a lecuture on Utilization of green waste. Dr. G. L. SATHYAMOORTHY, Professor / Civil, Kumaraguru College of Technology, Coimbatore talked about Hybrid reactors for domestic and industrial wastewater treatment. In conclusion, all the participants of this STTP improved and acquired their skills and knowledge in recent research methodologies in the field of Clean water and Green waste.

CO-ORDINATOR

Dr. S.SENTHILKUMAR, Professor of Civil Engineering, K.S.R. College of Engineering, Tiruchengode- 637215.

HI, M.Tech., Ph.D., D. V REV

Professor and Head Department of Civil Engineering K.S.R. College of Engineering

Tiruchengode - 637 215.

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## **Department of Civil Engineering**

**Organizes** 

AICTE Sponsored Phase-II Online STTP as "Forum on Nurturing Clean-Water and Green-Waste" 28<sup>th</sup> October 2020 to 04<sup>th</sup> November 2020











**Green waste** 













Lion. Dr. K.S. Rangasamy., MJF K.S.R Group of Institutions Founder & Chairman

Thiru. R. Srinivasan, B.B.M., MISTE K.S.R Group of Institutions
Vice- Chairman

Dr. P. Senthilkumar K.S.R College of Engineering Principal

> Dr. V. Revathi Prof & Head/Civil Convener

Dr. S. Senthilkumar Professor/Civil Coordinator

Dr. N. Muralimohan Associate Professor/Civil Organizer

Mr. S. Elango Assistant Professor/Civil Helpdesk / Service Provider



K.S.R. COLLEGE OF ENGINEERING K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215



FOUNDER & CHAIRMAN

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VICE- CHAIRMAN



## DEPARTMENT OF CIVIL ENGINEERING

**Organizes** 

**AICTE Sponsored Online STTP as** "Forum on Nurturing Clean-Water and Green-Waste"

From 28-10-2020 to 04-11-2020 (Phase-II)





## *OUR RESOURCE PERSONS*





Dr. G. Maheswaran Professor **Executive Council Member** 



Dr. Pravin G. Ingole **Chemical Engineering Group** CSIR-Assam



Assistant Professor / Civil NIT-Tiruchirappalli



Dr. Susant Kumar Padhi Assistant Professor / Civil Shiv Nadar University Greater Noida-Uttar Pradesh



Dr. D. S. Kaviyan Post-Doctoral Fellow CUSAT-Kochi-Kerala



Dr. Abhilash T. Nair **Assistant Professor Environmental Engineering** 



Dr. Sumanth Chinthala Assistant Professor/ Civil NIT-Warangal



Dr. Mothe Gopi Kiran Associate Professor/ Civil Lingayas Institute of Management and Technology, Vijayawada.



Dr. Samson Sisupalan Professor/ Civil Engineering VEL TECH UNIVERSITY-Chennai



Dr. G. L. SATHYAMOORTHY, Professor / Civil Kumaraguru College of Technology Coimbatore



Dr. T. Phani Madhavi Professor / Civil **Bapatla Engineering College** Andra Pradesh



Principal

Convener Coordinator

Organizer

Helpdesk / Service Provider

-------------------Dr. P. Senthilkumar

Dr. V. Revathi, Professor & Head/Civil

Dr. S. Senthilkumar, Professor/Civil

Dr. N. Muralimohan, ASP/Civil

SESSION TIME:

(Attendance is compulsory for all the sessions) FORENOON: 11.00 am - 12.00 pm AFTERNOON : 02.00 pm - 03.00 pm

Mr. S. Elango, AP/Civil

e - Certificate



Faculty members and research scholars belonging to AICTE approved technical Institutions; Universities & Industry persons can participate in the program.

**ELIGIBILITY** 

Note: Maximum number of participants is limited; preference will be given on first come first serve basis.

e- Certificate will be issued on meeting the following criterial

+ Participant attendance should not be less than 80%

+ Participant should fill and submit the daily attendance form

+ Participant should secure minimum 50% of marks in the assessment conducted at the end of the STTP

Free Registration

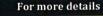
Scan QR code to register





https://tinyurl.com/KSRCE-CIVIL-STTP-CWGW-PHASE-II

Last date for Registration: October 24, 2020





Dr. S. Senthilkumar Dr. N. Muralimohan +91 9788624207 +91 8754666728

Helpdesk / Service Provider



Mr. S. Elango +91 6382107892



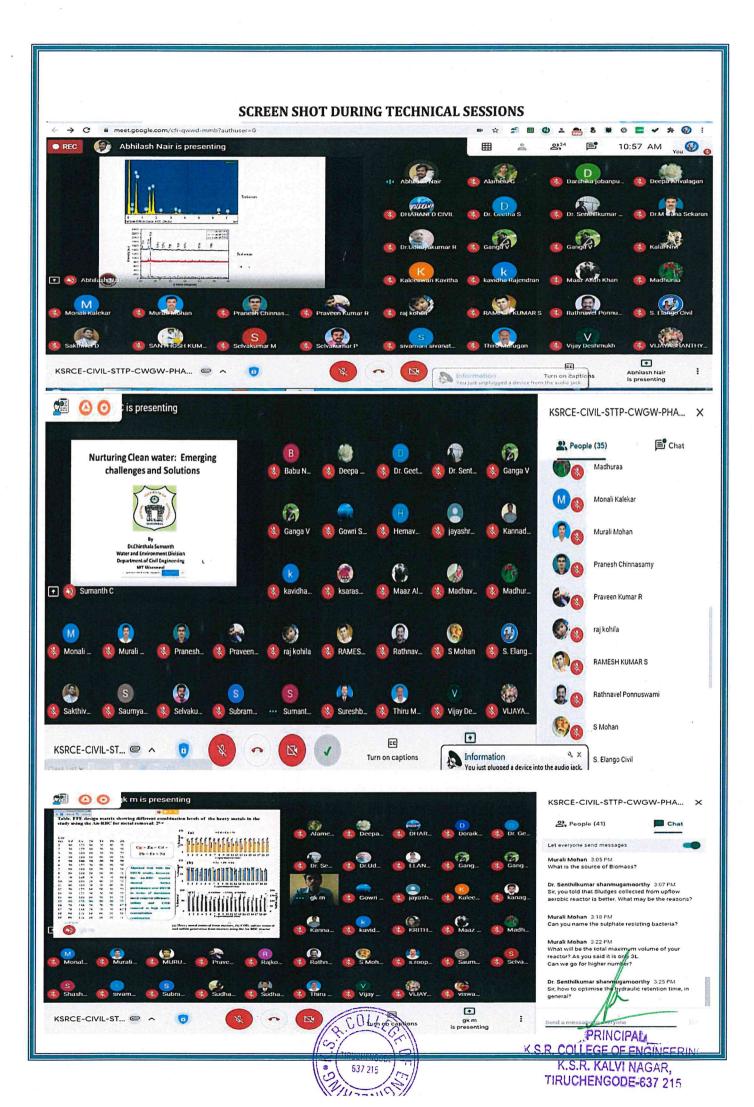
Meeting Platform:

**Google Meet** 

Meeting link will be sent to your registered e-Mail id







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## DEPARTMENT OF CIVIL ENGINEERING

AICTE Sponsored STTP as "Forum on nurturing Clean-Water and Green-Waste" Phase-II: 28-10-2020 to 04-11-2020

Forenoon Session: 10.30 am onwards Afternoon Session: 2.30 pm onwards

S. no	Date	Session	Name and contact details of Resource Person	Title of the Lecture
	28.10.2020 Wednesday	F.N	Dr. G. Maheswaran Principal, VSB School of Engineering Executive Council Member ISTE-New Delhi	Water 2 holy-water
		A.N	Dr. S. Saravanan Assistant Professor / Civil NIT-Tiruchirappalli	Applications of remote sensing and GIS in hydrology and water resources.
2.	29.10.2020 Thursday	F.N	Dr. D. S. Kaviya Somasundaram Post-Doctoral Fellow, CUSAT-Kochi- Kerala	Waste driven nano materials and its application
		A.N	Dr. Sumanth Chinthala Assistant Professor/ Civil, NIT-Waranga	Nurturing clean water: emerging challenges and Solutions
3.	31.10.2020 Saturday	F.N	Dr. Pravin G. Ingole Scientist Chemical Engineering Group CSIR-Assan	Polymeric membranes: sustainable future for clean water and environmental protection
		A.N	Dr. Susant Kumar Padhi Assistant Professor / Civil Shiv Nadar University Greater Noida- Uttar Pradesh	Treatment of gaseous volatile organic compounds Using a rotating biological contactor: a clean technology
02.1	02.11.2020	F.N	Dr. Abhilash T. Nair Assistant Professor Environmental Engineering NIFFT-Hatia- Ranchi	Application of sludge from water treatment plants for wastewater treatment
4.	Monday	A.N	Dr. Mothe Gopi Kiran Associate Professor/ Civil Lingayas Institute of Management and Technology, Vijayawada.	Potential of rotating biological contactor reactor for heavy metal removal from wastewater via biological sulfate reduction
DANY NO	03.11.2020 Tuesday	F.N	Dr. Samson Sisupalan Professor/ Civil Engineering Vel-Tech University-Chennai	Utilization of green waste
5.		A.N	Dr. G. L. SATHYAMOORTHY, Professor / Civil Kumaraguru College of Technology, Coimbatore	Hybrid reactors for domestic and industrial wastewater treatment
6.	04.11.2020 Wednesday	F.N	Dr. T. Phani Madhavi Professor / Civil Bapatla Engineering College Andra Pradesh	Algae and its interrelation to water pollution
المرزك	The state of the s	A.N	graduation to see the transmission of Quiz 1 mount in the 1 dec	

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## K.S.R COLLEGE OF ENGINEERING, TIRUCHENGODE -637 215 DEPARTMENT OF CIVIL ENGINEERING

AICTE Sponsored STTP as Forum on Nurturing Clean-Water And Green-Waste
PHASE – II (28-10-2020 to 04-11-2020)
Participants Name List

Sl. No	Name	Designation /Department/Institution Name	Mobile Number
1.	S.Ramesh	Professor, Civil Engineering, K. S. Rangasamy College Of Technology	9976872912
2.	S.Ramesh Kumar		
3.	Mr. D. SAKTHIVEL	AP, Civil, Velalar College Of Engineering And Technology, Thindal, Erode	9750234615
4.	S. Mohan	Assistant Professor, Civil Engineering, Mahendra Engineering College	9629550388
5.	Maaz Allah Khan	Phd Fesearch Scholar, Civil, Maharishi University Of Information Technology	9415894060
6.	Dr.A.Thirumurugan	Profe sor/Civilengineering	9952518158
7.	S Jeya Sudha	Ap, Civil Engineering, Psna College Of Engineering And Technology	9442978756
8.	Rajkohila.A	Assistant Professor, Civil, Srm Trp Engineering College	9597661283
9.	Ganga V	Assistant Professor, Civil Engineering, Srm Trp Engineering College	9442373060
10	Gokulnath N	Ap, Civil, Sri Ranganathar Institute Of Engineering And Tech	9751076826
11	Pranesh C	AP (Sr. Gr), Civil, Velalar College Of Engineering And Technology	8148834962
12	Ms Deepa A	Ap/Civil And Mahendra College Of Engineering	9677732099
13	S.Madhuraa	Ap, Civil, M.P.Nachimuthu M.Jaganathan Engineering College	9087498236
14	Dr. M. Selvakumar	Professor, Department Of Civil Engineering, Rajalakshmi Engineering College	8220780494
15	Dr. S. Geetha	Professor, Civil Engineering Department, Rajalakshmi Engineering College	9443426577
16	Dr.R.Kavidha	Prof, Civil M.P.Nachimuthu M.Jaganathan Engineering College, Chennimalai	9842005993
17	Jayashree J	Ap, (Sr Gr), Civil Engineering, Sri Ramakrishna Institute Of Technology	8870073745
18	Yamini Roja S	Ap, Civil Engineering, Sri Ramakrishna Institute Of Technology	9500548311
19	Mrs.M.KALEESWARI	AP, CIVIL And M P NACHIMUTHU M JAGANATHAN ENGINEERING COLLEGE.	9994383126
20	Murugesh V	Associate Professor, Civil, Jctcet	9994591111
21	R.Hemavathi	Ap,Civil And Sri Ramkrishna Institute Of Technology	9944551247
22	Mrs.G.SIVAMANI	AP,CIIVL And M P NACHIMUTHU M JAGANATHAN ENGINEERING COLLEGE	6383659626
23	Sudharsanan M	Assistant Professor/Civil-JCTCET	9025638478
24	Mr.Vijayramraojideshmukh	Lecturer In Civil, Government Polytechnic , Yavatmal (Old ) , Maharashtra	9850536809
25	Babu N	Ap/ Civil Department, Pollachi Institute Of Engineering And Technology	8870161233
26	Mrs. Monali Amit Kalekar	I/C Hod Civil Dept.	9833716647
27	Maaz Allah Khan	Phd Research Scholar, Civil, Maharishi University Of Information Technology	9415894060
28	Selvakumar P		
29	Shashikant Buvasaheb		
30	Mr.Abhijithinduraokumbha	Assistant Professor, DACOE, KARAD.	9564321589
31	Sadhasivam M	Ap/Civil Engineering -Jct College Of Engineering And Technology	8220106107
32	Dr.T.Phani Madhavi	Professor, Department Of Civil Engineering, Bapatla Engineering College	8939139453
33	Kalaivaani R	AP, Civil, Sri Ranganathar Institute Of Engineering And Technology	9585065388
34	Santhiya S	Ap/ Civil, V.S.B College Of Engineering Technical Campus	7339663228
35	Vadivelan S	Ap/ Civil, V.S.B College Of Engineering Technical Campus	8489602237
36	Murali K	Ap/ Civil, Sri Ramakrishna Institute Of Technology	9894518182
37	Sudharshan R	Ap/ Civil, Sri Ramakrishna Institute Of Technology	9715283737
38	V C Prabha	Ap/ Civil, K.S.R. College Of Engineering	9566340507
39	P. Tamilchelvan	Ap/ Civil Muthayammal College Of Engineering	8012462844
40	D.Kanagaraj	Ap/ Civil, K.S.R. College Of Engineering	9003974304





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## DEPARTMENT OF CIVIL ENGINEERING

AICTE Sponsored STTP as Forum on Nurturing Clean-Water And Green-Waste PHASE – II (28-10-2020 to 04-11-2020)

SI.NO	Name of the participant	Score
1	S.Ramesh	72 / 100
2	S.Ramesh Kumar	96 / 100
3	Mr.D.SAKTHIVEL	96 / 100
4	S.Mohan S.Mohan	56 / 100
5	Maaz Allah Khan	52 / 100
6	Dr.A.Thirumurugan	56 / 100
7	S Jeya Sudha	56 / 100
8	Rajkohila.A	76 / 100
9	Ganga V	76 / 100
10	Gokulnath N	76 / 100
11	Pranesh C	80 / 100
12	Ms Deepa A	72 / 100
13	S.Madhuraa	96 / 100
14	Dr. M. Selvakumar	84 / 100
15	Dr. S. Geetha	88 / 100
16	Dr.R.Kavidha	96 / 100
17	Jayashree J	80 / 100
18	Yamini Roja S	80 / 100
19	Mrs.M.KALEESWARI	96 / 100
20	Murugesh V	80 / 100
21	R.Hemavathi	80 / 100
22	Mrs.G.SIVAMANI	96 / 100
23	Sudharsanan M	84 / 100
24	Mr. Vijay Ramraoji Deshmukh	88 / 100
25	Babu N	84 / 100
26	Mrs. Monali Amit Kalekar	64 / 100
27	Maaz Allah Khan	60 / 100

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Namakkal Dist., Tamilnadu

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29	Shashikant Buvasaheb Gosavi	72 / 100
30	Mr. Abhijit Hindurao Kumbhar	76 / 100
31	Sadhasivam M	84 / 100
32	Dr.T.Phani Madhavi	80 / 100
33	Kalaivaani R	84 / 100

Dr S Senthilkuma Prof / Civil, KSRCE Coordinator of STTP Member Secretary of PEC

Dr. S. Senthilkumar, Ph.D., Professor, Department of Civil Engineering, KSR College of Engineering, Tiruchengode - 637 215.

200 Dr N Muralimohan

ASP / Civil, KSRCE **Subject Expert** Member of PEC

ASSOCIATE PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING, K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE-637 245

Prof and Head / Civil KSRCE Member of PEC

Dr. N. MURALIMOHAN, B.E., M.E., Ph.D., WISTE. Dr. V. REVATHI, M. Tech., Ph. Professor and Head Department of Civil Engineering K.S.R. College of Engineering Tiruchengode - 637 215.

6.3.2021

Prof. R. Veerasamy Prof and Head / Chemistry KSRCE Member of PEC

> R. VEERASAMY, M.Sc., M.Pbil., Professor & Head Department of Chemistry K.S.R. College of Engineering Tiruchengode - 637 215

Dr. P. Senthilkumar Principal KSRCE Chairperson of PEC

Dr. P. Senthil Kumar, M.E, Ph.D., (HTM), PRINCIPAL, K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL Dt, TAMIL NADU.

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AICTE Sponsored STTP as Forum on Nurturing Clean-Water And Green-Waste PHASE - II (28-10-2020 to 04-11-2020)

Sample Copy of the Certificate



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## CERTIFICATE OF COMPLETION

This is to certify that

Mr. B. Suresh

Assistant Professor, Department of Civil Engineering, K.S.R. College of Engineering: Tiruchengode has participated in an AICTE sponsored online STTP program (Phase - II) as "Forum on Nurturing Clean-Water and Green-Waste" organized by Department of Civil Engineering, K. S. R. College of Engineering - Tiruchengode during October 28 - November 04, 2020.

(0000 Dr. S. SENTHILKUMAR PROFESSOR (CIVIL), COORDINATOR

PROFESSOR & HEAD ( CIVIL)

Dr. P. SENTHILKUMAR

PRINCIPAL

Dr S Senthilkumar Prof / Civil, KSRCE Coordinator of STTP lember Secretary of PEC

)r. S. Senthilkumar, Ph.DDr. N. MURALIMOHAN, B.E., M.E., Ph.D., MISTE fofessor, Department of Civil Engineering, KSR College of Engineering. Tiruchengode - 637 215.

Dr N Muralimohan ASP / Civil, KSRCE Subject Expert Member of PEC

ASSOCIATE PROFESSOR.

DEPARTMENT OF CIVIL ENGINEERING. K.S.R. COLLEGE OF ENGINEERING. TIRUCHENGODE-637 215

Dr. V. Revathi Prof and Head / Civil KSRCE Member of PEC

Dr. V. REVATHI, M.Tech., Ph Professor and Head Department of Civil Engineer K.S.R. College of Engineers Tiruchengode - 637 215.

76.3.2021

Prof. R. Veerasamy Prof and Head / Chemistry KSRCE Member of PEC

P. VEERASAMY, M.Sc., M.Phil., Professor & Head Department of Chemistry K.S.R. College of Engineering Tiruchengode - 637 215

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Dr. P. Senthilkumar Principal KSRCE

Chairperson of PEC Dr. P. Senthil Kumar, M.E., Ph.D., (1974). PRINCIPAL, K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR,

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