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: I

Academic Year: 2020 - 2021

TITLE

A Beeline for Circular Economy through Sustainable Waste Management – Phase: I

DATE(S): 26.04.2021 to 01.05.2021

PRINCIPAL 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 : I
2	Name of the Department	Civil Engineering
3	Date of the Event	26.04.2021 to 01.05.2021
4	Venue	Online mode through Google Meet
5	Title of the Event	A Beeline For Circular Economy through Sustainable Waste Management – Phase : I
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	90
8	Objectives of the Event	To reducing waste to a minimum by reusing, repairing, refurbishing and recycling existing materials and products by applying recent skills, techniques and suitable research methodologies.

CO-ORDINATOR

Dr. S.SENTHILKUMAR, Professor of Civil Engineering, K.S.R. College of Engineering, Tiruchengode- 637215. Dr. V. REVATHIJIM Tebn. Philo., Professionand Medd

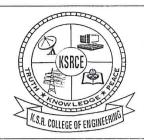
Department of Civil Engineering

Tiruchengode 637 215

TIRUCHENGODE

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TIRUCHENGODE-637 215



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AICTE sponsored STTP on "A Beeline for Circular Economy through Sustainable Waste Management" SCHEDULE OF PHASE – I - (26.04.2021 to 01.05.2021)

Intent of the Event:

The focus is on reducing the amount of raw materials we use and maximizing the value of materials along the production and consumption chain. Waste is recycled where possible and brought back into production processes by appropriate research methodologies with innovative skills.

Theme:

Raw materials are becoming ever scarcer. However, only less than 10 per cent of materials are recycled after use, causing the amount of waste to grow. Changing consumer habits, industrial development and growing cities are exacerbating the problem. Waste in many developing countries and emerging economies is not disposed of properly, which harms people, the environment and the climate. Environmental pollution negatively impacts biodiversity and threatens sustainable development worldwide. The circular economy offers providing guidelines, good practices and tools for urban decision-makers and imparting this information in training courses. Topics include planning and financing waste management systems, business models, economic instruments, and the inclusion of climate-related aspects, technologies to reduce greenhouse gases in waste management, circular economy and research methodologies in the field of sustainable waste management.

The STTP program Schedule is:

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DEPARTMENT OF CIVIL ENGINEERING
AICTE sponsored STFP on "A Beeline For Circular Economy through Sustainable Waste Management"
SCHEDULE OF PHASE - [(26.04.2021 to 01.05.2021)

S. No	Date	Session	Name and Affiliation of Resource person	Таріс
1.	26.04,2021	F.N	Dr. Rajesh Banu Associate Professor / Department of Life Sciences, Central university of Tamilnadu, Tiruvarur	Energy and cost effective waste activated sludge management
		A.N	Dr. P. Arulmathi Assistant Professor / Department of Civil Engineering, University College of Engineering, Dindigul	Waste management in Green building and Environmental Engineering
2.	27.04.2021	F.N	Dr. Sivaganesh Selvaraj Post-doctoral fellow Department of Civil and Environmental Engineering Hong Kong Polytechnic University, Hong Kong	Gircular Economy in Steel and Composite Construction
		A.N	Dr. K. Gunasekaran Professor/ Department of Civil Engineering S R M Institute of Science and Technology, Kattankulathur, Chennai	An agricultural waste as sustainable concrete material
3,	28.04.2021	F.N	Dr. S. Kanmani Associate Professor / Department of Civil Engineering, KPRIET, Coimbatore	WASTE - A problem or A Resource?
		A.N	Dr. Naresh Kumar Sharma Associate Professor / Department of Biotechnology Kalasalingam University, Krishnankovil, Srivilliputhur	Combined Biological and Chemical Methods for Wastewater Treatment
4.	29,04,2021	F.N	Dr. Mekala Chandrasekar Subject Matter Expert, L and T Edu Tech, Larsen and Tuobro Constructions, Chennai	Rethinking Circular Economy in Construction and Environment
		A.N	Dr. S. Adishkumar Assistant Professor & Head / Department of Civil Engineering University College of Engineering, Thoothukudi	Sustainable treatment of rubber latex wastewater using electrochemic advanced oxidation process powered by microbial fuel cell.
5.	30.04.2021	F.N	Dr. S. Ambika Assistant Professor / Environmental Engineering Division Department of Civil Engineering, UT, Hyderabad	Closing the loop of Industrial Waste Circularity
		A.N	Dr. T. Phaui Madhavi Professor / Department of Civil Engineering Bapatla Engineering College, Andra Pradesh	Vermi composting for Circular Economy - An Approach to Sustainabl Agriculture
6.	01.05.2021	F.N	Dr. S. Senthilkunur, Professor / Department of Civil Engineering K. S. R. College of Engineering, Tiruchengode	An indigenous approach to prevailing green waste
		A.N	Dr. N. Muralimohan Associate Professor /Civil B. S. R. College of Engineering, Tiruchengode	Studge waste managerent of mater the county

CO-ORDINATOR

Dr. S.SENTHILKUMAR, Professor of Civil Engineering, K.S.R. College of Engineering, Tiruchengode- 637215. Dr. V. HOVATHI, M.Tech., Ph.D. Professor and Head Department of Civil Engineering K.S.R. College of Engineering

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Lion, Dr. K.S. Rangasamy., MJF Founder Chairman





K.S.R.COLLEGE OF ENGINEERING



Thiru. R. Srinivasan, B.B.M., MISTE Vice-Chairman



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DEPARTMENT OF CIVIL ENGINEERING

IOAC-FACULTY SKILL DEVELOPMENT PROGRAMME

Organizes

AICTE Sponsored one week Online STTP on



Civil Department

Participants have to submit

Participants have to secure

E- Certificates will be

75% Attendance is mandatory for all participants and

it will be monitored by the system

day to day feedback at the end of

the session. Feedback link will be

minimum 60% score in quiz at the

awarded to the participants after

Meeting link will be sent to your

https://forms.gle/3VAeYnqUHpt6p3jt6

registered e-Mail.

Scan QR Code for Registration:

successful completion of the STTP.

Rules and Regulations:

provided daily basis.

automatically.

end of STTP.

Mode of Delivery:

Registration link:

Google Meet

A Beeline for Circular Economy through Sustainable Waste Management (Phase-I)



KSRCE

Organizing Committee

Patrons:

Lion. K. S. Rangasamy, MJF. **Founder Chairman**

KSR Educational Institutions

Thiru. R. Srinivasan, B.B.M., MISTE Vice-Chairman

K.S.R. Educational Institutions

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

Convener: Dr. V. Revathi

Prof & Head/Civil K.S.R College of Engineering Coordinator:

Dr. S. Senthilkumar Professor/Civil K.S.R College of Engineering

Organizer: Dr. N. Muralimohan Assoc. Prof/Civil K.S.R College of Engineering

Helpdesk / Service Provider: Mr. S. Elango Assistant Professor/Civil K.S.R College of Engineering +91 6382107892, s.elango@ksrce.ac.in Communicate through Whatsapp

Target Audience:

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

Maximum number of participants is limited; preference will be given on first come first

OUR RESOURCE PERSONS



Dr. Rajesh Banu Associate Professor Department of Life Sciences, Central university of Tamilnadu



Dr. P. Arulmathi **Assistant Professor** Department of Civil Engineering, University College of Engineering,



Dr. Sivaganesh Selvaraj Post-doctoral fellow Department of Civil and **Environmental Engineering** Hong Kong Polytechnic University



Dr. K. Gunasekaran Professor Department of Civil Engineering S R M Institute of Science and Technology, Kattankulathur, Chennai



Dr. S. Kanmani Associate Professor, Department of Civil Engineering, KPRIET, Coimbatore

Dr. Mekala Chandrasekar

Larsen and Tuobro Constructions, Manapakkam Chennai

Subject Matter Expert,

Land T Edu Tech,

Dr. S. Ambika

Assistant Professor



Dr. Naresh Kumar Sharma **Associate Professor** Department of Biotechnology Kalasalingam University, Krishnankovil, Srivilliputhur





Dr. S. Adishkumar Assistant Professor & Head Department of Civil Engineering University College of Engineering, Thoothukudi



Dr. T. Phani Madhavi Professor Department of Civil Engineering



Bapatla Engineering College Andra Pradesh



Google

Last Date for Registration: 24.04.2021

Important Contacts:

Dr. S. Senthilkumar +91 9788624207

Dr. N. Muralimohan +91 8754666728

Mr. S. Elango +91 6382107892



Environmental Engineering Division Department of Civil Engineering

Dr. S. Senthilkumar Professor Department of Civil Engineering K.S.R College of Engineering Tiruchengode, Namakkal.



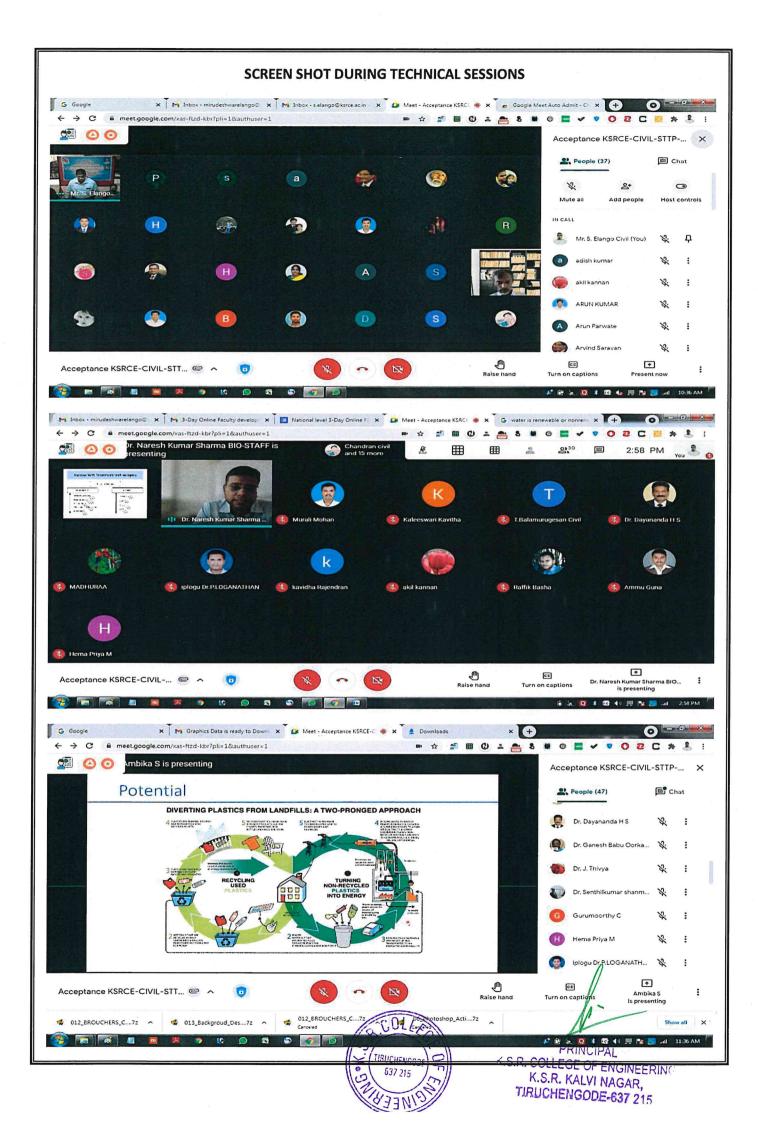
Dr. N. Muralimohan **Associate Professor** Department of Civil Engineering K.S.R College of Engineering Tiruchengode, Namakkal.

Welcome; may, all who came as guest leave as friends!



PRINCIPAL K.S.R. COLLEGE OF ENGINEERING K.S.R. KALVI NAGAR

TIRUCHENGODE-637 215



26	Dr.T.P.MEIKANDAAN	Associate Professor, Department of Civil Engineering, Bharath Institute of Higher Education and Research	78 / 10
27	S SUNDARI	Associate Professor (CAS), Civil Engineering, Government College of Engineering, Salem - 11	88 / 10
28	SOUTHAMIRAJAN S	ASSISTANT PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING	80 / 10
29	Abhijeet Rajendra Pabale	Assistant Professor, Department of Structural Engineering, Sanjivani College Of Engineering Kopargaon	88 / 10
30	T.Balamurugesan	Assistant Professor, Karpagam Academy of Higher Education	70 / 10
31	RAFFIKBASHA M	ASSISTANT PROFESSOR DEPARTMENT OF CIVIL ENGINEERING, GCE- SALEM	92 / 10
32	Dr.Bhagavathi Perumal	Professor	82 / 10
33	M.HEMAPRIYA	AP, CIVIL ENGINEERING, BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	76 / 10
34	Dr.R.RAMESHPANDIAN	Assistant Professor, Civil Engineering, University College of Engineering, Dindigul	68 / 10
35	KARUPPASAMY S	ASSISTANT PROFESSOR	68 / 10
36	Dr.G.Arun Kumar	Associate Professor	84 / 10
37	DHARANI D	Assistant Professor, Civil Engineering and Velalar College of Engineering and Technology	76 / 10
38	Dr.K.MURALI	Professor, Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore	84 / 10
39	Babu N	Assistant professor,civil engineering,Pollachi institute of engineering and technology	80 / 10
40	Prof. Vinod B Shikhare	Head of Department of Civil Engineering	68 / 10
41	K.YUVARAJ	Assistant Professor, Civil Engineering, KSRCT	76 / 10
42	SAMBATH K	Assistant Professor, Department of Civil Engineering, Sri Ramakrishna Institute of Technology	84 / 10
13	Rakesh R B	Mohamed Sathak A J college of Engineering	80 / 10
14	RINU ISAH R J	Assistant Professor	88 / 10
45	SHANMUHARAJ,AN M B	HOD, Civil Engineering, Mohamed Sathak AJ College of Engineering	92 / 10
46	Anbarasi K	Assistant professor, Kongunadu college of engineering and technology	72 / 10
47	Mrs.M.KALEESWARI	Assistant Professor , CIVIL	80 / 10
48	SIVAMANI G	Assistant professor, Civil Department, M P Nachimuthu M Jaganadhan Engineering College	68 / 10
49	Dr.G.ARUN KUMAR	Associate Professor, Civil Engineering, GCE, Salem-11	84 / 10
50	PRASANTHNI P	Assistant professor, Civil Engineering, K.S.R College of Engineering	68 / 10
51	SUTHAVIJI S	Assistant Professor, Civil Engineering, Dr.Mahalingam College of Engineering and Technology	80 / 10
52	Dr. Arun V. Parwate	Professor & Head, Civil Engineering Department, Meerut Institute of Engineering & Technology (MIET)	88 / 10
53	T. S. Nawina	Assistant professor	70 / 10
54	Dr.S.Ramesh	Professor, Civil Engineering, K.S.Ranga my College of Technology	78 / 10
55	Sudharsanan M	Assistant Professor/Civil - Dr. Mahalingan College of Engineering & Technology	80 / 10
56	D DAYANANDA H S	DEAN-ACADEMICS	76 / 10

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Namakkal Dist., Tamilnadu

57	Kunte Archana Tukaram	Assistant Professor	72 / 1
58	s.sharmila	Assistant Professor, Civil Engineering, Kongu Engineering College	80 / 1
59	GANESH BABU O	Assistant Professor in Civil Engineering	76 / 1
60	Praveen Kumar A	Assistant Professor, Civil Engineering Department & Dr. Mahalingam College of Engineering and Technology, Pollachi	80 / 1
61	Gunasekar S	Assistant Professor in Civil Engineering, K.S.Rangasamy College of Technology Tiruchengode	74 / 1
62	MUTHAIYAN P	Assistant Professor, CIVIL ENGINEERING	68 / 1
63	Dr. K. Akil	Professor and HoD of Civil Engineering, Hindusthan College of Engineering and Technology	88 / 1
64	Assistant Professor, Department of Civil Engineering and University college of engineering, Didigul		88 / 1
65	S. Krishnakumar	Assistant Professor, Department of Civil Engineering, Dr. MCET	84 / 1
66	LOGESWARAN S	KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY	84 / 1
67	Prof. VinodBhaulalShikhare	HOD, Department of Civil Engineering, ICEEM Aurangabad	74 / 1
68	Dr.R.Dharmaraj	Associate Professor, Civil Engineering and KPR Institute of Engineering and Technology	80 / 1
69	S.Mohan	Assistant Professor, Department of Civil Engineering, Mahendra Engineering College	82 / 1
70	Kale mangal	Assit.peof.civil dept.	88 / 1
71	Dr.R.Dharmaraj	Associate Professor, Civil Engineering and KPR Institute of Engineering and Technology	80 / 10
72	Dr.N.Ramesh	Professor and Head, Civil Engineering, KSRangasamy College of Technology Tiruchengode	84 / 10
73	Dr.P.Velumani	Associate Professor, Department of Civil Engineering, BMS Institute of Technology and Management, Bengaluru.	88 / 10
74	Nangre Nikita Daulat	Assistant Professor	80 / 10
75	Ashokkumar K	Assistant professor	80 / 10
76	Dr. Malarvizhi	Anna University	72 / 10
77	SUGANTHI M	AP/CIVIL, MAHENDRA ENGINEERING COLLEGE (AUTONOMOUS)	74 / 10
78	Dr.J.Vijayaraghavan	Assistant Professor, Department of Civil Engineering, University college of engineering,Ramanathapuram	80 / 10
79	G Keerthana	Assistant Professor, Civil, Vivekanandha college of technology for women	80 / 10
80	DEVI M	ASSISTANT PROFESSOR, CIVIL ENGINEERING, MAHENDRA ENGINEERING COLLEGE	82 / 10
81	SUBHADIP SARKAR	Lecturer	78 / 10
82	Kanchan K Barode	Assistant Professor	74 / 10
83	Dr. A. ALEX RAJESH	ASSISTANT PROFESSOR, CIVIL ENGINEERING & K. S. R. COLLEGE OF ENGINEERING	88 / 10
84	Dr.K.Sargunan	Associate Professor, Civil Engineering, Malla Reddy Engineering College (Autonomous)	80 / 10
85	P.S.Sathish Kumar	Assistant Professor	80 / 10
86	S.RAMESHWARI	Assistant professor, civil engineering, Er Perumal Manimekalai college of engineering	84 / 10
87	Dr.M.VELUMANI	ASSISTANT PROFESSOR, CIVIL ENGINEERING ASSISTANT	74 / 10

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Namakkal Dist., Tamilnadu

637 215

88	M.Balamurugan	Assistant professor, civil engineering, Er. perumal manimekalai college of engineering	76 / 100
89	Dr.Sivapriya S.V	Associate Professor, deaprtment of C vil Engineering, Sri Sivasubramaniya nadar college of engineering, Chennai	80 / 100
90	P.A.EDWIN FERNANDO	Assistant professor Akshaya college of engineering and technology	74 / 100

Dr S Senthilkumar

Prof / Civil, KSRCE Coordinator of STTP **Member Secretary of PEC**

Professor of Civil Engineering Dr. N. MURALIMOHAN, BE. BE. PRD., BISTEDT. V. REVATHI, M. Tech., Ph.D., K.S.R. 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

Prof and Head / Civil KSRCE Member of PEC

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

Prof.R.VEERASAMY Head of the Department (S & H) K.S.R. College of Engineering Tiruchengode - 637 215.

•

Dr. P. Senthilkumar Principal KSRCE

Dr. P. SEKHAT RUMBERNEC, Ph.D., (IITM). PRINCIPAL,
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DEPARTMENT OF CIVIL ENGINEERING

AICTE sponsored STTP on "A Beeline For Circular Economy through Sustainable Waste Management" SCHEDULE OF PHASE - I (26.04.2021 to 01.05.2021)

Sample Copy of the Certificate



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CERTIFICATE OF COMPLETION

This is to certify that

Mr. S. Elango

Assistant Professor, Department of Civil Engineering, K. S. R. College of Engineering, Tiruchengode has participated in an AICTE sponsored online STTP program (Phase - I) on "A Beeline for Circular Economy through Sustainable Waste Management" organized by Department of Civil Engineering, K. S. R. College of Engineering - Tiruchengode during April 24- May 01, 2021.



Dr. S. SENTHILKUMAR PROFESSOR (CIVIL), COORDINATOR

Dr.V. REVATHI

PROFESSOR & HEAD (CIVIL)

Dr. P. SENTHILKUMAR

PRINCIPAL

Dr S Senthilkumar Prof / Civil, KSRCE Coordinator of STTP

Member Secretary of PEC

K.S.R. College of Engineering Tiruchengode-637 215.

Dr N Muralimohan ASP / Civil, KSRCE **Subject Expert**

Member of PEC Professor of Civil Engineering Dr. N. MURALIMOHAN, B.E. B.E. Ph.D., BISTEDT. V. REVATHI, M. Tech., Ph.D., ASSOCIATE PROFESSOR.

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

Prof and Head / Civil KSRCE Member of PEC

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

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

Prof.R.VEERASAMY d of the Department (S & H) C.S.R. College of Engineering Tiruchengode - 637 215.

Dr. P. Senthilkumar Principal KSRCE

Dr. P. SONTHIT FOUND PREE, Ph.D., (IITM),

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K. S. R. KALVI NAGAR,
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NAMAKKAL DI, TAMIL NADU.

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