



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24 /  
ECE, EEE, MECH – NBA Accredited)

Dindigul – Palani Highway, Dindigul – 624 002

## Department of Civil Engineering

Total Number of Faculty provided with financial support to attend conferences /  
workshop and towards membership fee of professional bodies

S. NO.	Academic Year	Total number of Faculty Participating Programs
1	2022-2023	5
2	2021-2022	3
3	2020-2021	1
4	2019-2020	10
5	2018-2019	5

HoD / Civil

  
Principal

Dr.D.SENTHIL KUMARAN, M.E., Ph.D.,(NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kurathupattu Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002



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ECE, EEE, MECH – NBA Accredited)

Dindigul – Palani Highway, Dindigul – 624 002

## List of Faculty provided with financial support to attend conferences / workshop and towards membership fee of professional bodies

Academic Year: 2022 -23

S.No.	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	Dr.G.Selvabharathi	NPTEL Course on “Global navigation satellite system and application” organised by IIT, Madras (4 weeks -July – August 2022)	NA	1100
		NPTEL Course on “Introduction to Industry 4.0 and Industrial Internet of Things” , IIT Kharagpur (12 Weeks course-January to April 2023)	NA	1100
2	Mrs.C.Merlin Rani	NPTEL Course on “Global navigation satellite system and application” organised by IIT, Madras (4 weeks-July – August 2022)	NA	1100
		NPTEL Course on “Introduction to Internet of things” organised by IIT, Madras (12 weeks-January to April 2023)	NA	1100
3	V.Praveen Jesuraj	NPTEL Course on “Global navigation satellite system and application” organised by IIT, Madras (4 weeks-July – August 2022)	NA	1100
		NPTEL Course on “Data Science for Engineers” organised by IIT, Madras (8 weeks-January – March 2023)	NA	1100
		1 <sup>st</sup> International conference on “Challenges in Higher education for the underprivileged- A Global Perspective” organised by Anna University, Chennai from 12 <sup>th</sup> April 2023 to 14 <sup>th</sup> April 2023	NA	3855



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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4	P.M.Sharan Karthik	A short course on “Landslides organized by IGS SC 7 student chapter activities and continuing education” organised by Indian Geo Technical Society from 09/09/2022 to 24/09/2022	NA	200
		International Workshop on Research Article Writing and Research Funding Organised by Knowledge Research Academy Coimbatore on 19/04/2023		
5	Roy Celestina J	A short course on “Landslides organized by IGS SC 7 student chapter activities and continuing education” organised by Indian Geo Technical Society from 09/09/2022 to 24/09/2022	NA	200
		Faculty Development Programme on Applications o f Artificial Intelligence & Machine Learning In Civil Engineering organized by R.V.R. & J.C. College of Engineering, Guntur & IGS Guntur Chapter on 28/10/2022		

  
HoD / Civil



Dr.D.SENTHIL KUMARAN, M.E., Ph.D.,(NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.

**NPTEL****E-LEARNING COURSES FROM THE IITs & IISc****National Programme on Technology Enhanced Learning (NPTEL)**

**Receipt for successful payment of fees for online courses conducted by NPTEL**  
**Course Run:Jul-Sep 2022**

Name of candidate : **SELVABHARATHI GOPAL**

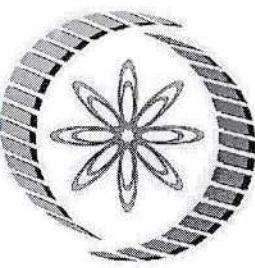
Courses name : **Global Navigation Satellite Systems And Applications**

Date of exam : **25-09-2022**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

*We hereby acknowledge with thanks, the receipt of Rs.1100 from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SELVABHARATHI GOPAL**  
for successfully completing the course

## Global Navigation Satellite Systems and Applications

with a consolidated score of **69** %

Online Assignments	22.5/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **114**

**Prof. Sanjeev Manhas**

Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Aug 2022**

**(4 week course)**

**Prof. Priti Maheshwari**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee

File No: NPTEL22CE97S13610246

To validate the certificate



No. of credits recommended: 1 or 2





E-LEARNING COURSES FROM THE IITs & IISc



**National Programme on Technology Enhanced Learning (NPTEL)**

**Receipt for successful payment of fees for online courses conducted by NPTEL**  
**Course Run:Jan-Apr 2023**

Name of candidate : **SELVABHARATHI GOPAL**

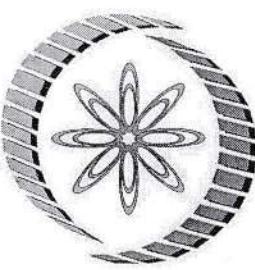
Courses name : **Introduction To Industry 4.0 And Industrial Internet Of Things**

Date of exam : **28-04-2023**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

*We hereby acknowledge with thanks, the receipt of Rs.1100 from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SELVABHARATHI GOPAL**  
for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **70** %

<b>Online Assignments</b>	<b>25/25</b>	<b>Proctored Exam</b>	<b>45/75</b>
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Total number of candidates certified in this course: **7689**

**Jan-Apr 2023**  
**(12 week course)**

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

II No: NPTEL23CS52S14111324

To validate the certificate

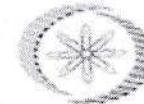


No. of credits recommended: 3 or 4





E-LEARNING COURSES FROM THE IITs & IISc



National Programme on Technology Enhanced Learning (NPTEL)

Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jul-Sep 2022

Name of candidate : **C MERLIN RANI**

Courses name : **Global Navigation Satellite Systems And Applications**

Date of exam : **25-09-2022**

Mode of payment : **Billdesk**

Amount paid : **Rs.1000**

We hereby acknowledge with thanks, the receipt of **Rs.1000** from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**C MERLIN RANI**

for successfully completing the course

## Global Navigation Satellite Systems and Applications

with a consolidated score of **75** %

Online Assignments	23.33/25	Proctored Exam	52.01/75
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Total number of candidates certified in this course: **114**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Aug 2022**

**(4 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee

Indian Institute of Technology Roorkee

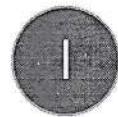
Roll No: NPTEL22CE97S13610195

To validate the certificate



No. of credits recommended: 1 or 2





IIT Madras requested money from y...

₹100

IIT Madras NPTEL FDP  
Payment JulDec 2022 Exams

Split with friends

✓ Completed

Dec 1, 2022 7:28 PM

 State Bank of India ▼  
2632

UPI transaction ID  
233535979113

To: IIT Madras  
iitmadras.rzp@icici

From: MERLIN RANI MAHESH (State  
Bank of India)  
merlinrani1984@oksbi

Google transaction ID  
CICAgJCurqmvAg

Powered by





# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**C MERLIN RANI**

for successfully completing the course

**Global Navigation Satellite Systems and Applications**

with a consolidated score of **75 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jul-Aug 2022)

Roll No: NPTEL22CE97S13610195

Duration of NPTEL course : 4 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



E-LEARNING COURSES FROM THE IITS & IISCs



National Programme on Technology Enhanced Learning (NPTEL)

Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jan-Apr 2023

Name of candidate : **C MERLIN RANI**

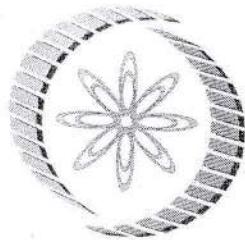
Courses name : **Introduction To Internet Of Things**

Date of exam : **30-04-2023**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

We hereby acknowledge with thanks, the receipt of **Rs.1100** from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**C MERLIN RANI**

for successfully completing the course



## Introduction to Internet of Things

with a consolidated score of **79** %

Online Assignments	21.85/25	Proctored Exam	57/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023  
(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL23CS51S63500050

To validate the certificate

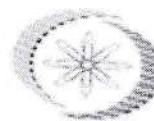


No. of credits recommended: 3 or 4



NPTEL

E-LEARNING COURSES FROM THE IITS & IISCs



National Programme on Technology Enhanced Learning (NPTEL)

Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run: Jul-Sep 2022

Name of candidate : **PRAVEEN JESURAJ V**

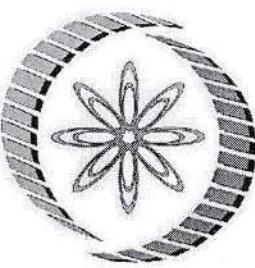
Courses name : **Global Navigation Satellite Systems And Applications**

Date of exam : **25-09-2022**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

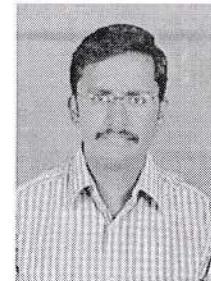
We hereby acknowledge with thanks, the receipt of **Rs.1100** from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PRAVEEN JESURAJ V**  
for successfully completing the course

## Global Navigation Satellite Systems and Applications

with a consolidated score of **71** %

Online Assignments	23.33/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **114**

Sam

**Prof. Sanjeev Manhas**

Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Aug 2022**

**(4 week course)**

Priti Maheshwari

**Prof. Priti Maheshwari**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee

File No: NPTEL22CE97S13610464

To validate the certificate

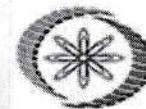


No. of credits recommended: 1 or 2



NPTEL

E-LEARNING COURSES FROM THE IITs & IISc



National Programme on Technology Enhanced Learning (NPTEL)

Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jan-Mar 2023

Name of candidate : **PRAVEEN JESURAJ V**

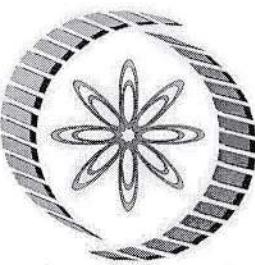
Courses name : **Data Science for Engineers**

Date of exam : **26-03-2023**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

*We hereby acknowledge with thanks, the receipt of Rs.1100 from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PRAVEEN JESURAJ V**  
for successfully completing the course

## Data Science for Engineers

with a consolidated score of **54** %

Online Assignments	23.79/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1992**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Mar 2023**

**(8 week course)**

*A. Thangaraj*

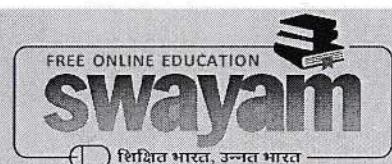
**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



File No: NPTEL23CS17S34480100

To validate the certificate



No. of credits recommended: 2 or 3

18-04-2023

From

V.Praveen Jesuraj,  
Assistant Professor,  
Department of Civil Engineering,  
SSM Institute of Engineering and Technology,  
Dindigul -624002.

To

The Principal,  
SSM Institute of Engineering and Technology,  
Dindigul -624002.

Respected Sir,

Sub: Requesting permission to give the Conference expenses - reg.

Anna University was conducted an International conference on Challenges in Higher education for Underprivileged – A Global Perspective on 12-14<sup>th</sup> April, 2023 at Chennai. Kindly provide the expenses for registration fee, Travelling allowance, Food and Accommodation expenses on above mentioned days and also provide compensation for 14.04.2023.

Thanking you.

Description	Total Rs.
Conference Registration Fee (Faculty)	1000
Train ticket (To and Fro)	625
Room rent (2 days)	1200
Auto fare (3 days)	450 ✓
Food (3 days)	580 ✓
Total amount in Rs	
	3855

Yours faithfully,  
V.P.J. 18/4/23  
(V. PRAVEEN JESURAJ)

P.S. 18/4/23  
HoD/Civil

Principal

22 May 2023	22 May 2023	BY TRANSFER- NEFT*UTIB0000352*AXTB231 427156346*SSM INSTITUTE OF-	TRANSFER FROM 4697250044309	3,855.00
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**1<sup>st</sup> INTERNATIONAL CONFERENCE ON**



**Challenges in  
Higher Education**  
for Underprivileged - A Global Perspective



*Certificate of Participation*

This certificate is presented to

PRAVEEN JESVRAJ V, AP/CIVIL

SSN INSTITUTE OF ENGG. & TECH., DINDIGUL

for attending the 1<sup>st</sup> International Conference on  
**CHALLENGES IN HIGHER EDUCATION FOR THE  
UNDERPRIVILEGED – A GLOBAL PERSPECTIVE**

on commemoration of 132<sup>nd</sup> birth  
anniversary celebrations of

**Babasaheb Dr. B.R. Ambedkar**

organised by the SC-ST Cell and  
Nodal Office, Anna University

held at Anna University, India  
from April 12 to April 14, 2023.

**Prof. Dr. O. Uma Maheswari**  
Nodal Officer – SC-ST Cell

**Prof. Dr. G. Ravikumar**  
Registrar



# LANDSLIDES

Organised by

IGS SC

Indian Geotechnical Society Subcommittee - 7  
Student Chapter Activities and Continuing Education

## Objectives of Webinar:

To carry the role of student chapters and give the establishment of student chapters in different institutions action plan for program on geotechnical education such as best courses and workshops etc.

## Landslides:

Landslide prevention will be the main priority because which may be due to natural disaster or human activity. Landslide is a basic disaster faced out of rock which cause a huge loss apart from economic or personal life activities. Landslide can happen due to the accumulation of water, flood, sea level rise, land use, and a forest in term and various other causes. As per recent data published in the UK, more than 4,000 landslides occurred between the years 2011 and 2014, and over 26,000 people die in the whole world. Land is the most important. Different types of landslides are discussed above. In recent years, occurrence of many landslides has been increasing due to human activities. As per data, about 70% of the total landslides happened due to human activities. This is a major concern for the last 20th century. Still, there are no laws to control these phenomena. In India, there are some laws and regulations which can prevent growth of development of the land. Land management and protection are the key factors for reducing the risk of landslides, reducing displacement. That's why we are discussing the topic of Landslides, understand the causes, types and their mitigation methods.

This webinar will discuss the types of landslides, understand the causes, types and their mitigation methods.



## TO REGISTER

[Click Here](#)

## NOTE:

1. Registration Fee is Rs. 50/- Last date to register 07-09-2022
2. Link for webinar will be sent to registered candidates through the mail a day before program.
3. E-Certificate will be sent to all the registered active participants after receiving feedback form for individual lectures.
4. Course certificate will be issued to all the participants who have attended 70% of lectures and upon successful completion of assessment test.

## SCHEDULE OF THE PROGRAM



### 1. "Introduction to Landslides and Prediction of Landslide Susceptibility"

Dr. Anushka Jain,

Principal Examiner, CGRI, CGEII, Research Scholar, Indian Institute of Geotechnics

**09.09.2022, Friday, 7PM**



### 2. "Landslide Susceptibility Mapping using Machine Learning Techniques"

Dr. Neelima Satyam,

Professor, Dept. of Civil Engineering,  
IIIT Hyderabad

**10.09.2022, Saturday, 7PM**



### 3. "Landslide Prediction Techniques"

Dr. Annapurni Rao,

Coordinator, Geotechnical Competence Center, Mahatma

**11.09.2022, Friday, 7PM**



### 4. "Landslide Mitigation through Case Studies"

Dr. M. Razia Riaz

(Chandrashekhar), Associate Professor, Department of Civil Engineering

**12.09.2022, Saturday, 7PM**



### 5. "Landslide Mitigation through Case Studies"

Dr. Md. Imran Hossain,

Associate Professor, Department of Civil Engineering,  
IISER Mohali

**13.09.2022, Sunday, 7PM**



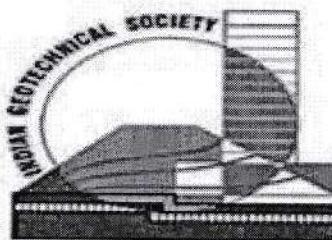
CERTIFICATE  
of Participation

This is to certify that

**SHARAN KARTHIK P M**

Has completed successfully **A Short Course on Landslides** Organized by IGS SC 7-Student Chapter Activities and Continuing Education from 09.09.2022 to 24.09.22 (Fridays & Saturdays). The overall performance is **GOOD**.

L. Sridevi  
Dr. G Sridevi  
Event Organiser



M. Rama Rao  
Dr M Rama Rao  
Convener



Sharan Karthik P M &lt;sharan4karthik@gmail.com&gt;

## Fwd: International Workshop - Research Article Writing and Research Funding

1 message

Dr.C.Jayaguru <cjayaguru@psnacet.edu.in>  
To: Sharan Karthik <sharan4karthik@gmail.com>

Sat, Apr 15, 2023 at 5:28 PM

Dr.C.Jayaguru  
Professor in Civil Engg.,  
PSNA College of Engineering and Technology,  
Dindigul 624 622, Tamil Nadu.  
0 98946 48584

----- Forwarded message -----

From: Jayaguru C <cjayaguru@gmail.com>  
Date: Sat, 15 Apr 2023, 5:25 pm  
Subject: Fwd: International Workshop - Research Article Writing and Research Funding  
To: cjayaguru <cjayaguru@psnacet.edu.in>

----- Forwarded message -----

From: Editor Green Materials <editorgreenmaterials@gmail.com>  
Date: Wed, 5 Apr 2023, 10:05 pm  
Subject: International Workshop - Research Article Writing and Research Funding  
To: Editor Green Materials <editorgreenmaterials@gmail.com>

Dear Sir / Madam,

Greetings from Knowledge Research Academy!

We are organizing an International Workshop on "Research Article Writing and Research Funding" on 19.4.23 (Wednesday) from 7.30 p.m to 9.00 p.m

Resource Person:

1. World Top 2% Scientist by Stanford University
2. Lead Editor of Special Issue in IOP science, Frontiers, SAGE, Tech Science and Hindawi and AIP Journals
3. Lead Editor of Book in CRC Press, Bentham Science, WILEY and Intechopen
4. Recipient of 50+Lakhs from Govt Agencies

Registration fee is 500/- Only Interested faculty members, Research Scholars and Students shall fill the Google form.

<https://forms.gle/Y1zZxJqjEL9RASnV6>

Do you Know:

1. How to do a Good Ph.D?
2. Research Paper Writing and Publication



# Knowledge Research Academy

Coimbatore, Tamil Nadu

(An MSME Registered Organization)

UDYAM-TN-03-0021905

## International Workshop on Research Article Writing and Research Funding

### CERTIFICATE OF PARTICIPATION

This Certificate of Participation is awarded to

**SHARAN KARTHIK P M**

Assistant Professor

Civil Engineering

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

for the successful participation in International Workshop  
on Research Article Writing and Research Funding  
held on 19th April, 2023

SHORT COURSE

On

# LANDSLIDES

Organised by

IGS SC-7

Indian Geotechnical Society Subcommittee - 7

Student Chapter Activities and Continuing Education



**Objectives of SC-7:**

Identify the role of student chapters, and guide the establishment of student chapters in different colleges, develop plans for programs on continuing education such as short courses and workshops, etc.

**Landslides:**

Landslides are known to be the most pervasive disasters, which may be due to natural conditions or human intervention. Landslide is a shear displacement of soil or rock, which causes a mass movement along with one or several slip surfaces. Landslides are a threat to the infrastructure such as buildings, roads, dams, etc., and a threat to lives and urban settlements. As per recent data published in the UK, more than 4,800 fatal landslides occurred between the years 2014 and 2016, killing around 36,000 people in the whole world. Out of the 4,800 landslides, 700 landslides were triggered due to human activities, according to a study conducted by a global landslide database (GELID). Asia contributes to 75% of the total landslides. Estimated damage from the landslides adds up to USD 50,00,000. Landslides have gained much focus during the last 20th century. Still, various mechanisms of landslide phenomena are unknown. To date, there are no tools and measures which can correctly predict the location of the landslide. An uncertainty always prevails. Precisely forecasting the time of landslides remains a critical challenge.

This short course will cover the topics of schedule to understand the state-of-the-art of landslide technology in India.

## TO REGISTER

[Click Here](#)

**NOTE:**

1. Registration Fee is Rs 200/- . Last date to register: 07-09-2022
2. Link for webinar will be sent to registered candidates through the mail a day before program.
3. E-Certificate will be sent to all the registered active participants after receiving feedback form for individual lectures.
4. Course certificate will be issued to all the participants who have attended 75% of lectures and upon successful completion of assessment test.

## SCHEDULE OF THE PROGRAM



1. "Introduction to Landslides and Analysis of Finite and Infinite Slopes"

Dr. Anindya Patra,  
Principal Scientist, CSIR - CRRI, Rourkela  
Associate Professor, AcSIR, Ghatshabha

09.09.2022, Friday, 7PM



2. "Investigation of Rock Slopes and Stability Assessment"

Dr. Shantanu Sarkar,  
Chief Scientist, CMB - CRRI, Rourkela  
Professor, AcSIR, Ghatshabha

16.09.2022, Friday, 7PM



3. "Landslide Mitigation Techniques"

Er. Annapoorna Iyer,  
Founder-Enggcon Consultants,  
Pune, Maharashtra

23.09.2022, Friday, 7PM



2. "Landslide Susceptibility Mapping through Machine Learning Techniques"

Dr. Neelima Satyam,  
Professor, Dept. of Civil Engineering,  
IIT, Hyderabad

16.09.2022, Saturday, 7PM



4. "Landslide forecasting with case studies"

Dr. Sirish Saride,  
Professor  
Department of Civil Engineering,  
IIT Indore

17.09.2022, Saturday, 7PM



6. "Landslide Mitigation through Case Studies"

Dr. Minimal Karula,  
Head - Strategic Initiatives & Projects  
ESAP at Macmillan

24.09.2022, Saturday, 7PM

### Organizing Committee (SC-7)

Dr. M Rama Rao (Convener), 9496847570, ramaraamvvala@gmail.com  
Dr. C. H. Solanki, 9925207868, chanchalresh1968@yahoo.co.in  
Dr. K. Mahesh Kumar, 9445618782, kundan@iitb.ac.in

Dr. Shantanu Sarkar, 9411109993, ssarkar@crri.res.in  
Dr. Sirish Saride, 9502688826, sirish@ce.iitb.ac.in  
The Organizing Committee: 01711677528, convsc7@iitb.ac.in

CERTIFICATE  
of Participation

This is to certify that

**ROY CELESTINA J**

Has completed successfully **A Short Course on Landslides** Organized by IGS SC 7-Student Chapter Activities and Continuing Education from 09.09.2022 to 24.09.22 (Fridays & Saturdays). The overall performance is **GOOD**.

*L. Sridevi*

Dr. G Sridevi

Event Organiser



*M. Rama Rao*

Dr M Rama Rao

Convener

Phone: 0457-2448600 99 (100 Lines) Fax: (045)-2448855  
Email: ssmpl@yatra.com Website: www.ssm.edu.in

Date: 17.07.2023

From:

Ms. J. Roy Celestina,  
Assistant Professor,  
Department of Civil Engineering,  
SSM Institute of Engineering and Technology,  
Dindigul - 02.

To:

The Principal,  
SSM Institute of Engineering and Technology,  
Dindigul - 02.

Through Proper Channel,  
Respected Sir,

Subject: Seeking for remuneration- workshop attended in National Institute of Technology,  
Tiruchirappalli.

I wish to bring your kind notice, I had attend the National Level Workshop on  
**"INTRODUCTION TO COMPUTATIONAL SOCIAL SCIENCE WITH PYTHON"** at  
National Institute of Technology, Tiruchirappalli dated from 10.07.2023 to 14.07.2023.  
Sir, I request to you kindly grant me On duty permission for this workshop. In this regard, I  
request to kindly grant the payment of remuneration with travel allowance  
(Rs.2360+500+500+300=Rs.3660) for the same.

Thanking You.

(Enclosed receipt)

Forwarded to Principal Sir

R.D.  
17/7/23

✓  
R.D.

Yours Sincerely,

J. Roy  
Principal

Payment Progress



Payment Status



CONFERENCE AND WORKSHOP NIT TRICHY



Your transaction has been successfully completed.

Reference No :	DUL1702478	Date of Payment :	2023-07-03 15:29:28.0
Amount :	INR 2360	Convenience Charges	0.0
Transaction Charge :	INR 0.00	:	
Total Payable :	INR 2,360.00	Remarks :	

Name :	ROY CELESTINA J	Designation :	Assistant professor
Affiliation :	Anna university	Mobile No :	9751486959
Email Id :	roycelestina@gmail.com	Student or Scholar :	0
Faculty :	2360	Industry Personnel :	0
Payee :	CONFERENCE AND WORKSHOP NIT TRICHY	Payment Category:	CSEMP CSSPy 2023
Department :		Email ID:	roycelestina@gmail.com
Mobile No:	9751486959		

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Date: 08-Jul-2023

SBCollect Reference Number :	DUL2109085	Category :	MISCELLANEOUS CHARGES FOR HOSTEL
Amount :	₹500		
ROLL NO/STAFF NO :	0		
NAME OF THE STUDENT :	ROY CELESTINA J		
DEPARTMENT :	CIVIL		
COURSE :	OTHERS		
HOSTEL NAME :	OPAL E		
ROOM NO :	0		
PAYMENT FOR THE MONTH :	JUL		
PAYMENT FOR THE YEAR (EG. 2017,2018) :	0		
DESIGNATION :	Assistant professor		
SEMESTER :	0		
MOBILE NO :	9751486959		
AMOUNT IN RUPEES :	500		
Transaction charge :	0.00		

Total Amount (In Figures) :

500.00

Total Amount (In words) :

Rupees Five  
Hundred Only

Remarks :

Notification 1:

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Notification 2:



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State Bank of India 0571



UPI transaction ID  
319244238676

To: Shree Sai Services  
paytmqr281005050101gm1db205hu3w@paytm  
From: Roy Celestina J (State Bank of India)  
roycelestina-1@oksbi

Google transaction ID  
CICAgNCCxImSHg

UPI transaction ID  
319244238676



To Shree Sai Services

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To Shree Sai Services

₹50

⌚ Completed • July 11, 2023 at 8:34 PM



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UPI transaction ID  
319416433161



To Shree Sai Services

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State Bank of India 0571

UPI transaction ID  
319271760214

To: Shree Sai Services  
paytmqr281005050101gm1db205hu3w@paytm

From: Roy Celestina J (State Bank of India)  
roycelestina-1@oksbi

Google transaction ID  
CICAgNCCxImSHg



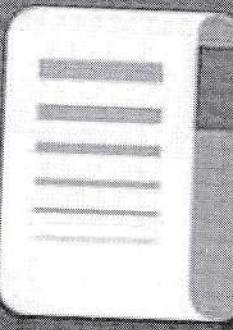
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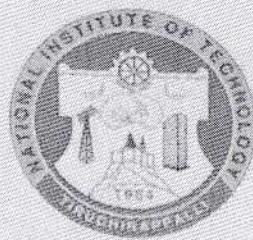
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319379517911

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c No XX0571 on 05/08/2023 through NEFT with UTR  
AXTB232173995822 by SSM INSTITUTE OF ENGINEERING  
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**Department of Computer Science and Engineering**  
**National Institute of Technology, Tiruchirappalli**  
Tiruchirappalli - 620015

**CERTIFICATE OF PARTICIPATION**

This is to certify that ..... **Roy Celestina J** ..... of  
SSM Institute of Engineering and Technology ..... has participated in the

**National Workshop on Introduction to Computational Social Science with Python**  
organized by the Department of Computer Science and Engineering, National Institute of  
Technology, Tiruchirappalli held at NIT Tiruchirappalli during **10<sup>th</sup> to 14<sup>th</sup> July, 2023**.

Coordinator  
(Dr. Madhukrishna Priyadarsini)

*S. Usha Kiruthika*  
Coordinator  
(Dr. S. Usha Kiruthika)

Head of the Department  
(Dr. Mary Saira Bhanu)

**List of Faculty provided with financial support to attend conferences / workshop and  
towards membership fee of professional bodies**

**Academic Year: 2021 -22**

S.No.	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	Dr.G.Selvabharathi	Presented a paper entitled “Synthesis of photocatalytic performances of zinc oxide (ZNO) - nanostructured titanium dioxide with copper (ii) oxide (CuO +TiO <sub>2</sub> ) nano composites for H <sub>2</sub> production from dairy wastewater” - 3rd International Conference On Sustainable Environment, Energy & Construction (ICSEEC-2021)”, at Hindustan Institute of Technology & Science, Chennai on 16/11/2021 & 17/11/2021.	NA	1000
		NPTEL Course on “Water Society And Sustainability” – IIT Kharagpur-Oct- Nov 2021	NA	1100
2	Mrs.C.Merlin Rani	Presented a paper titled “Utilisation of Crushed bricks on Paver Blocks as partial replacement of coarse aggregate” in the Proceedings of International Virtual Conference on “Smart and Sustainable development of Urban Green Infrastructure in India and Canada” (SSDUGI) organized by National Institute of Technology, Tiruchirapalli on 25/03/2022 & 26/03/2022	NA	750
		Online STTP On "Roadmap for Effective Research using Advanced Techniques and Tools (REAT 2022)" scheduled from Feb 14/02/2023 to 18/02/2022 organised by NIT Calicut, Kerala	NA	900
		NPTEL Course on “Water Society And Sustainability” – IIT Kharagpur-Oct- Nov 2021	NA	1100
3	V.Praveen Jesuraj	NPTEL Course on “Water Society And Sustainability” – IIT Kharagpur-Oct- Nov 2021	NA	1100

**HoD / Civil**



**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**

Principal

**SSM Institute of Engineering and Technology**

Kuttathupatti Village, Sindalagundu (P.O.)

**Principal**

Palani Road, Dindigul 624 002

H

To HITS, Civil Symposium

₹1,000

G. SELVABHARATHI- HE 17

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selthi2003@okicici

Google transaction ID

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G Pay



**HINDUSTAN**  
INSTITUTE OF TECHNOLOGY & SCIENCE  
(DEEMED TO BE UNIVERSITY)  
— CHENNAI —



**3<sup>rd</sup> International Conference on  
Sustainable Environment, Energy and Construction (ICSEEC 2021)**

**PARTICIPATION CERTIFICATE**

This is to certify that Dr. / Mr. / Ms.

**DR.SELVABHARATHI GOPAL**

has presented a paper titled **SYNTHESIS OF PHOTOCATALYTIC PERFORMANCES OF ZINC OXIDE (ZnO) - NANOSTRUCTURED TITANIUM DIOXIDE WITH COPPER (II) OXIDE (CuO + TiO<sub>2</sub>) NANOCOMPOSITES FOR H<sub>2</sub> PRODUCTION FROM DAIRY WASTEWATER**

in the International Conference on Sustainable Environment, Energy and Construction (ICSEEC 2021)

organized by the Department of Civil Engineering, Hindustan Institute of Technology & Science,  
Chennai on December 16th & 17th, 2021.

**Dr. V. Preethi**  
Convener

**Dr.S.N.Sridhara**  
Vice-Chancellor

irradiation and their subsequent release in the dark. Similarly, the evolution of H<sub>2</sub> is observed under dark when glycerol is used as sacrificial agent, while no H<sub>2</sub> evolution is observed when triethanolamine is used. These observations can be attributed to the nature of stored electrons/holes in this defective system towards facilitating the photoredox reaction under dark conditions.

**Keywords:** Photocatalysis, Plasmonics, Heterostructure; Photocatalytic memory effect, Defects, Electron storage materials.

\*\*\*

**HE17 - Synthesis of Photocatalytic Performances of Zinc Oxide (ZnO) - Nanostructured Titanium Dioxide with Copper (II) Oxide (CuO +TiO<sub>2</sub>) Nanocomposites for H<sub>2</sub> Production from Dairy Wastewater**

**Dr.Selvabharathi Gopal<sup>1</sup>, Dr.Preethi V<sup>2</sup>, Dr. Adish Kumar S<sup>3</sup>, Dr.S Jeeva<sup>4</sup> and Dr.Ginni G<sup>5</sup>**

<sup>1</sup>SSM Institute of Engineering and Technology, Dindigul, Tamilnadu.

<sup>2</sup>Hindustan Institute of Technology and Science, Chennai, Tamilnadu,

<sup>3</sup>Anna University, Regional Campus, Tirunelveli, Tamilnadu,

<sup>4</sup>Chennai Petroleum Corporation Limited (CPCL), Chennai, Tamilnadu,

<sup>5</sup>Amrita College of Engineering and Technology, Tamilnadu

Email: selvabharathicivilssmiet@gmail.com, Preethi\_enviro@hotmail.com

**Abstract**

The development of hydrogen production via Natural sunlight-driven photocatalytic process is a promising technique to generate sustainable and scalable carbon-free energy. Herein, for the first time, synthesized Zinc oxide (ZNO)- nanostructure Titanium dioxide with Copper (II) oxide (CuO +TiO<sub>2</sub>) nanocomposites as a solar stimulator to produce hydrogen from treated dairy wastewater. CuO +TiO<sub>2</sub> employed for splitting of wastewater molecules under the condition at 630 W/m<sup>2</sup> solar radiation resulting ±82 mL/h of hydrogen production is obtained on account of synergic effects of nanocomposite solar



E-LEARNING COURSES FROM THE IITs &amp; IISc

**National Programme on Technology Enhanced Learning (NPTEL)**

**Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jan-Oct 2021**

Name of candidate : **SELVABHARATHI GOPAL**

Courses name : **Water, Society and Sustainability**

Date of exam : **24-10-2021**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

*We hereby acknowledge with thanks, the receipt of Rs.1100 from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

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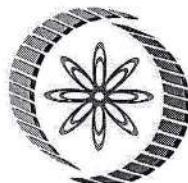
To  
SELVABHARATHI GOPAL  
DEPARTMENT OF CIVIL ENGINEERING  
SSMIET  
DINDIGUL  
TAMIL NADU - 624005  
PH. NO :9962441301



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SELVABHARATHI GOPAL**  
for successfully completing the course

**Water, Society and Sustainability**

with a consolidated score of **65** %

Online Assignments	18.67/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **348**

Prof. G P Raja Sekhar  
Dean, Continuing Education  
IIT Kharagpur

Aug-Sep 2021  
(4 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No:NPTEL21HS60S33940302

To validate and check scores: <https://nptel.ac.in/noc/>





## CONFERENCE AND WORKSHOP NIT TRICHY

NIT TRICHY, , TRICHY-620015

Date: 14-Mar-2022

### e-Receipt for State Bank Collect Payment

**SBCollect Reference Number**

DUI6964198

**Bank Reference Number**

IGANEMRTK5

**Category**

SSDUGI 2022 Civil

**Name**

C MERLIN RANI

**Designation**

ASSISTANT PROFESSOR

**Affiliation**

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY DINDIGUL

**Email Id**

merlinrani1984@gmail.com

**Phone Number**

6380544401

**Students Scholars/Faculty Scientists/Industry**

750

**Transaction charge**

11.80

**Total Amount (In Figures)**

761.80

**Total Amount (In Words)**

Rupees Seven Hundred Sixty One and Paise Eighty Only

**Remarks**

FACULTY

**Notification 1**



International Virtual Conference on  
"Smart and Sustainable Development of Urban Green  
Infrastructure in India and Canada"  
(SSDUGI - 2022)

25- 26 March 2022

This is to certify that C.Merlin Rani has presented a paper titled  
Utilization of crushed bricks on Paver blocks as partial replacement of coarse  
aggregate in the International Virtual Conference on "Smart and Sustainable  
Development of Urban Green Infrastructure in India and Canada" organized by  
National Institute of Technology Tiruchirappalli from 25<sup>th</sup> to 26<sup>th</sup> March 2022

*S. Marisamynathan*

Dr. S. Marisamynathan  
Conference Chairperson

*R. Senthilkumar*

Dr. R. Senthilkumar  
Conference Vice - Chairperson

# **Utilization of crushed bricks on Paver blocks as partial replacement of coarse aggregate**

C.Merlin Rani\*, V.Ragupathy # , G.Savitha#, P.Shalini# and K.Baskaran#

\*Assistant Professor, Department of Civil Engineering, SSM Institute of Engineering and Technology, Dindigul.

#Student, Department of Civil Engineering, SSM Institute of Engineering and Technology, Dindigul.

Email ID:[merlinrani1984@gmail.com](mailto:merlinrani1984@gmail.com)

## **1. Introduction**

The lifeline of a nation lies in the growth of the transport infrastructure which has proven to add acceleration in a country's progress. Economic growth of a country relies upon the physical connectivity in urban and rural areas. In congruency to the conservation efforts, the present investigation highlights the prevention of environmental pollution and accounts one of the elements of smart and sustainable transport infrastructure, which is the interlocking paver block. Interlocking Concrete Block Pavement (ICBP) technology has been authenticated for laying pavements in areas where conventional types of construction are impractical and are less durable due to operational and environmental constraints. The present study deals with the reuse of crushed bricks from Construction & Demolition waste (C & D waste) as partial replacement of coarse aggregate in M35 concrete which will in turn reduce the environmental problems. The paver blocks were cast and tested for the physical and mechanical properties. From the test results, it has been concluded to utilize the paver blocks with crushed bricks for replacement of coarse aggregate on light traffic zones.

**Keywords:** Crushed bricks, Visual inspection, Compression test, Split tension test.

## **2. Methodology**

The raw materials required for casting of paver blocks were collected and preliminary tests such as specific gravity and sieve analysis were carried out. The nominal maximum size of coarse aggregate used in the production of paver block was 12.5mm. From the preliminary test data , the mix proportion was arrived as per IS 10262 – 2019 for M35 grade of concrete which is adopted for light traffic category. The paver blocks were cast in the shape of unipaver of size of 250mm x 120mm x 60mm and the crushed bricks were incrementally added in 10% , 20% and 30% to replace the coarse aggregate in paver block named as CB10, CB20 and CB30 respectively. About 84 paver block specimens were cast for various tests as per the sampling requirements specified in IS 15658 -2006. The blocks were then demoulded and cured for testing its properties. The Visual inspection and dimension and tolerance test were conducted at 28 days to analyze the physical properties and compression test, split tension test and water absorption test were conducted at 7,14 and 28 days to determine the mechanical properties.

### **2.1 Test results on Paver blocks**

#### **2.1.1. Visual Inspection**

Visual inspection to assess the quality of paver blocks were carried out in natural daylight, prior to testing as per IS 15658:2006. The blocks were laid on a level floor in desired paving pattern, approximately covering a square area of 1m<sup>2</sup>. The blocks were checked and recorded if there any visual defects of paver blocks, the colour and texture were also observed finally.

#### **2.1.2 Dimension and Tolerance test**

From the dimensions and tolerance test, it was found that the dimensions of paver blocks cast were found to the same when compared with the actual dimensions and the results are highlighted in Table 1.

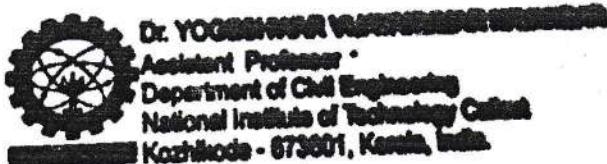
*Department of Civil Engineering &*  
*Department of Mechanical Engineering*

National Institute of Technology Calicut

No: REAT2022/23

Received with thanks from **Dr/Mr/Ms C.Merlin Rani, Assistant Professor, SSM Institute of Engineering and Technology, Dindigul** **Rs. 900/-** (Rupees Nine Hundred only) by net transfer, Transaction Id/DD No **20272337855** dt **27-Jan-22** towards the Registration Fee for the five day Online Short Term Training Programme on "**Roadmap for Effective Research using Advanced Techniques and Tools (REAT 2022)**" from **14<sup>th</sup> – 18<sup>th</sup> February, 2022** at NIT Calicut, Kerala, India. The received fees includes 18% GST.

*M.V. Navandar*



*Organizing Secretary*

*REAT 2022*

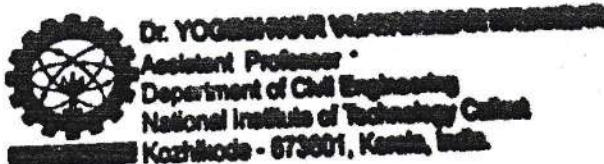
*Department of Civil Engineering &*  
*Department of Mechanical Engineering*

National Institute of Technology Calicut

No: REAT2022/23

Received with thanks from **Dr/Mr/Ms C.Merlin Rani, Assistant Professor, SSM Institute of Engineering and Technology, Dindigul** **Rs. 900/-** (Rupees Nine Hundred only) by net transfer, Transaction Id/DD No **20272337855** dt **27-Jan-22** towards the Registration Fee for the five day Online Short Term Training Programme on "**Roadmap for Effective Research using Advanced Techniques and Tools (REAT 2022)**" from **14<sup>th</sup> – 18<sup>th</sup> February, 2022** at NIT Calicut, Kerala, India. The received fees includes 18% GST.

*M.V. Navandar*



*Organizing Secretary*

**REAT 2022**



## Short-Term Training Programme on Roadmap for Effective Research using Advanced Techniques and Tools (REAT 2022)



### CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms C. Merlin Rani, SSM Institute of Engineering and Technology, Dindigul has participated in the Short-Term Training Programme on “Roadmap for Effective Research using Advanced Techniques and Tools (REAT 2022)” organized Online by the Department of Civil Engineering and Mechanical Engineering, National Institute of Technology Calicut between February 14<sup>th</sup> and 18<sup>th</sup>, 2022.

Dr. Jayachandran K, CED  
Coordinator

Dr. Sandip Rudha Budhe, MED  
Coordinator

Dr. Yogeshwar V. Navandar, CED  
Coordinator

Dr. Santosh G Thampi  
HOD, CED

Dr. C Muraleedharan  
HOD, MED



E-LEARNING COURSES FROM THE IITs & IISc



National Programme on Technology Enhanced Learning (NPTEL)

Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jan-Oct 2021

Name of candidate : **C MERLIN RANI**

Courses name : **Water, Society and Sustainability**

Date of exam : **24-10-2021**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

*We hereby acknowledge with thanks, the receipt of **Rs.1100** from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*

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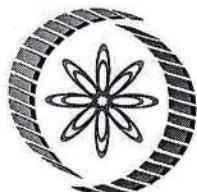
Roll No: NPTEL21HS60S33940021  
To  
C MERLIN RANI  
1/522, MUTHAMIL NAGAR,  
VALAKKAIPATTY PIRIVU,  
DINDIGUL  
TAMILNADU - 624003  
PH. NO :7094340461



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**C MERLIN RANI**

for successfully completing the course

## Water, Society and Sustainability

with a consolidated score of **72** %

Online Assignments	19.33/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **348**

  
Prof. G P Raja Sekhar  
Dean, Continuing Education  
IIT Kharagpur

Aug-Sep 2021  
(4 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

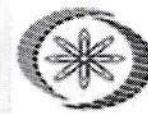


Indian Institute of Technology Kharagpur



NPTEL

E-LEARNING COURSES FROM THE IITs & IISc



National Programme on Technology Enhanced Learning (NPTEL)

Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jan-Oct 2021

Name of candidate : **PRAVEEN JESURAJ V**

Courses name : **Water, Society and Sustainability**

Date of exam : **24-10-2021**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

*We hereby acknowledge with thanks, the receipt of Rs.1100 from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

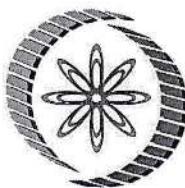
Roll No: NPTEL21HS60S33940092  
To  
PRAVEEN JESURAJ V  
5/833,LILLY COTTAGE  
C.T.O COLONY,  
DINDIGUL  
TAMILNADU - 624005  
PH. NO :9994473839



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRAVEEN JESURAJ V**  
for successfully completing the course

**Water, Society and Sustainability**

with a consolidated score of **67** %

Online Assignments	19.33/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **348**

Prof. G P Raja Sekhar  
Dean, Continuing Education  
IIT Kharagpur

Aug-Sep 2021  
(4 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24 / ECE, EEE, MECH – NBA Accredited)

Dindigul – Palani Highway, Dindigul – 624 002

## List of Faculty provided with financial support to attend conferences / workshop and towards membership fee of professional bodies

Academic Year: 2020 -21

S.No.	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	Mr.M.P.Karthik	International Conference on "Sustainable Materials and its Green Technologies for Industry 4.0" (SMiGT -2021) organised by Adithya Institute of Technology, Coimbatore on 07/04/2021 to 09/04/2021	NA	1500

HoD Civil



Principal

Dr.D.SENTHIL KUMARAN, M.E., Ph.D.,(NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.

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# Certificate of Participation

This is to certify that

**Mr.M.P.KARTHIK**

**SSM Institute of Engineering and Technology**

presented a paper titled “EFFECT OF FIBER ON MECHANICAL PROPERTIES OF GEOPOLYMER CONCRETE COMPOSITES” at the International Conference on “Sustainable Materials and its Green Technologies for Industry 4.0”- SMiGT-2021 held on, 07-09 April, 2021,Organized by Department of Civil Engineering, Adithya Institute of Technology, Coimbatore, India in association with The Institution of Engineers (India ), Coimbatore Local Centre.

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## List of Faculty provided with financial support to attend conferences / workshop and towards membership fee of professional bodies

Academic Year: 2019 -20

S.No.	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	Mr.M.Anandh	NA	ISTE Life Membership	3540
2	Mrs.G.Selvabharathi	NA	ISTE Life Membership	3540
3	Mr.R.Kesavamoorthi	NA	ISTE Life Membership	3540
4	Mr.M.A.Pushparaj	NA	ISTE Life Membership	3540
5	Mr.A.Ambikapathi	NA	ISTE Life Membership	3540
6	Mrs.G.Selvabharathi	Presented Paper on the title "Treatment of Tannery Wastewater by adsorption process using natural adsorbants" in the National Web Conference on Innovations in Concrete and Construction - ICON 2020, Sona College of Technology, Salem on 11.05.2020 and 12.05.2020	NA	1000
7	Mr.M.P.Karthik	Presented Paper on the title "Single household Greywater Treatment Process" in the National Web Conference on Innovations in Concrete and Construction - ICON 2020, Sona College of Technology, Salem on 11.05.2020 and 12.05.2020	NA	1000



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8	Mrs.C.Merlin Rani	Presented Paper on the title "Experimental investigation on Mechanical Properties of Paver blocks using Copper Slag" in the National Web Conference on Innovations in Concrete and Construction - ICON 2020, Sona College of Technology, Salem on 11.05.2020 and 12.05.2020  NPTEL Course on "Geosynthetics Testing Laboratory"-July 2019 to August 2019	NA	1000
9	Mr.V.Praveen Jesuraj	NPTEL Course on "Geosynthetics Testing Laboratory"-July 2019 to August 2019	NA	1100
10	Mr.G.Sivachidambaram	NPTEL Course on "Geosynthetics Testing Laboratory"-July 2019 to August 2019	NA	1100

HoD / Civil



Principal

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Thupatti Village, Sindalagundu (P.O)  
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ISTE FACULTY CHAPTER (IM2315)

New enrollment of Life Time Membership Name list



S.No	Name of the Faculty	Department	LIFE TIME MEMBERSHIP FEE
1	Mr.D.Mummoorthi	Automobile	3540
2	Mr.S.Mohana Sundaram	Automobile	3540
3	Mr.M.Ananda Murugan	Automobile	3540
4	Mr.K.Kalidass	Automobile	3540
5	Mr.M.Anandh	Civil	3540
6	Mrs.G.Selvabharathi	Civil	3540
7	Mr.M.A.Pushparaj	Civil	3540
8	Mr.A.Ambikapathi	Civil	3540
9	Mr.R.Kesavamoorthi	Civil	3540
10	Mrs.S.Arul Jothi	CSE	3540
11	Mr .S.Dhamodharan	ECE	3540
12	Mr .V.P.Jay Fantin	ECE	3540
13	Mr .R.Carol Praveen	ECE	3540
14	Mr .M.Manikandan	ECE	3540
15	Mr .M.Premkumar	ECE	3540
16	Mrs.M.Jeyalakshmi	ECE	3540
17	Mr .R.Senthil Kumar	ECE	3540
18	Mr .P.Siva Subramanian	EEE	3540
19	Mr .T.Arulkumar	EEE	3540
20	Mr .R.Karthick	EEE	3540
21	Mr .S.Srinivasan	Mechanical	3540
22	Mrs. S.Sudha	Maths	3540
23	Mr .R.Satheesh Babu	Maths	3540
24	Mrs.R.Janani	Maths	3540
25	Ms.R.Vithyadevi	Maths	3540
26	Mrs.S.Hemalatha	Maths	3540
27	Mr .R.Senthamil Selvan	Physics	3540
28	Dr.J.Abraham Hudson Mark	Physics	3540
29	Dr.G.Shanmugam	Physics	3540
30	Dr.Sri Nithya Nareshananda	Physics	3540
31	Mrs.S.Vasuki	Physics	3540
32	Mrs.S.Nithya	Physics	3540
33	Dr.N.Sampathkumar	Chemistry	3540
34	Mrs.S.Soundaralakshmi	Chemistry	3540
Total Rs			120360
DD charge			500
Net total in Rs			120860

FES for recd



Date:05.08.19

**New enrollment of ISTE Life Time Membership**

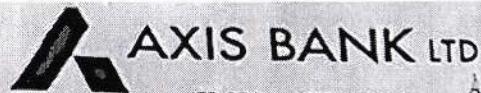
S.No	Name of the Faculty	Department	MEMBERSHIP NUMBER	Received	Signature
1.	Mr.D.Mummoorthi	Automobile	LM128382	7.8.19	D.Mummoorthi
2.	Mr.S.Mohana Sundaram	Automobile	LM128383	7.8.19	
3.	Mr.M.Ananda Murugan	Automobile	LM128384	7/8/19	
4.	Mr.K.Kalidass	Automobile	LM128385	7/8/19	
5.	Mr.M.Anandh	Civil	LM128386	7-8-19	K.Anandh
6.	Mrs.G.Selvabharathi	Civil	LM128387	07.8.19	R.G.Selvabharathi
7.	Mr.M.A.Pushparaj	Civil	LM128388	07/8/19	M.A.Pushparaj
8.	Mr.A.Ambikapathi	Civil	LM128389	07.08.19	A.Ambikapathi
9.	Mr.R.Kesavamoorthi	Civil	LM128390	07-08-19	R.Kesavamoorthi
10.	Mr .S.Dhamodharan	ECE	LM128391	07-08-19	S.Dhamodharan
11.	Mr .V.P.Jay Fantin	ECE	LM128392	7/8/19	V.P.Jay Fantin
12.	Mr .R.Carol Praveen	ECE	LM128393	7-8-19	R.Carol Praveen
13.	Mr .M.Manikandan	ECE	LM128394	07.08.19	M.Manikandan
14.	Mr .M.Premkumar	ECE	LM128395	7.8.19	M.Premkumar
15.	Mrs.M.Jeyalakshmi	ECE	LM128396	07-08-19	M.Jeyalakshmi
16.	Mr .R.Senthil Kumar	ECE	LM128397	07.8.19	R.Senthil Kumar
17.	Mr .P.Siva Subramanian	EEE	LM128398	07.8.19	P.Siva Subramanian
18.	Mr .T.Arulkumar	EEE	LM128399	7.8.19	T.Arulkumar
19.	Mr .R.Karthick	EEE	LM128400	07.08.19	R.Karthick
20.	Mr .S.Srinivasan	Mechanical	LM128401	07.08.19	S.Srinivasan
21.	Mrs. S.Sudha	Maths	LM128402	07.08.19	S.Sudha
22.	Mr .R.Satheesh Babu	Maths	LM128403	07-08-19	R.Satheesh Babu
23.	Mrs.R.Janani	Maths	LM128404	07.08.19	R.Janani
24.	Ms.R.Vithyadevi	Maths	LM128405	07.08.19	R.Vithyadevi
25.	Mrs.S.Hemalatha	Maths	LM128406	07.08.19	S.Hemalatha
26.	Mr .R.Senthamil Selvan	Physics	LM128407	07.08.19	R.Senthamil Selvan
27.	Dr.J.Abraham Hudson Mark	Physics	LM128408	7.8.19	J.Abraham Hudson Mark
28.	Dr.G.Shanmugam	Physics	LM128409	7.8.19	G.Shanmugam
29.	Dr.Sri Nithya Nareshananda	Physics	LM128410	7.8.19	S.Nithya Nareshananda
30.	Mrs.S.Vasuki	Physics	LM128411	7.8.19	S.Vasuki
31.	Mrs.S.Nithya	Physics	LM128412	7.8.19	S.Nithya
32.	Dr.N.Sampathkumar	Chemistry	LM128413	7.8.19	N.Sampathkumar
33.	Mrs.S.Soundaralakshmi	Chemistry	LM128414	7.8.19	S.Soundaralakshmi

ISTE Faculty Chapter Incharge

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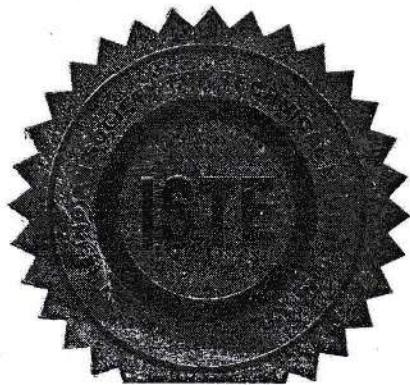
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**SELVABHARATHI G.**

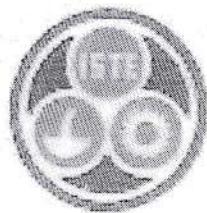
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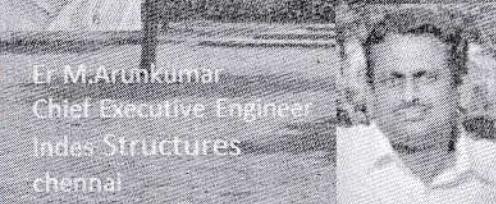
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DEPARTMENT OF CIVIL ENGINEERING

## National Web Conference

on

# Innovations in Concrete and Construction

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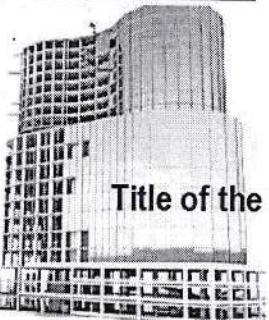
Submission of full manuscript 09.05.2020

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Dr D JEGATHESWARAN (9865975146)  
Dr M LOGESHKUMAR (9994753635)

Rs. 200/- per person



## ONLINE PRESENTATION CERTIFICATE

**Ms. G.SELVABHARATHI, Assistant Professor,  
SSM Institute of Engineering and Technology, Dindigul**

**ICON  
2020**

**Title of the Paper: Treatment of tannery waste water by adsorption process using natural adsorbents**



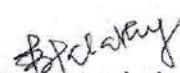
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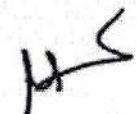
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**11<sup>th</sup> and 12<sup>th</sup>, MAY 2020**

**Organized by Department of Civil Engineering  
Sona College of Technology, Salem – 636 005, TamilNadu, India**

  
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Dr. R. Malathy  
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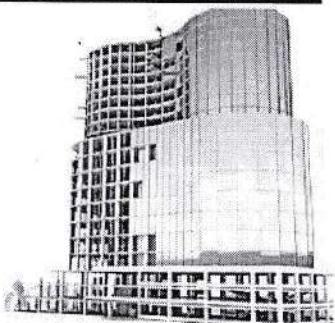
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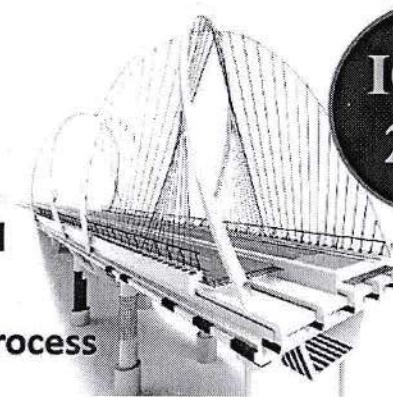
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## **ONLINE PRESENTATION CERTIFICATE**

**Mr. M.P.KARTHIK, Assistant Professor,  
SSM Institute of Engineering and Technology, Dindigul**

**Title of the Paper: Single household Greywater treatment process**



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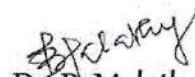
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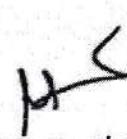
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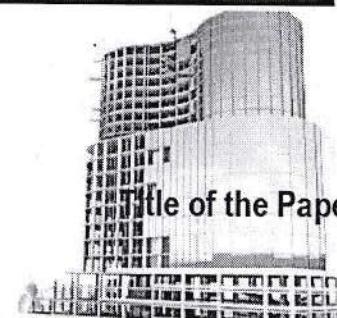
**11<sup>th</sup> and 12<sup>th</sup>, MAY 2020**

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## **ONLINE PRESENTATION CERTIFICATE**

**Ms. C.MERLIN RANI, Assistant Professor,  
SSM Institute of Engineering and Technology, Dindigul**



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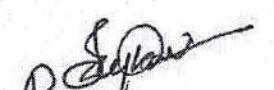
**Title of the Paper: Experimental investigation on the mechanical properties of paver blocks using copper slag**

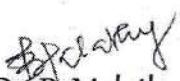
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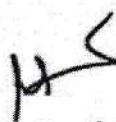
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**Dr. S.R.R. Senthil Kumar**  
**Principal**

## **Experimental Investigation on The Mechanical Properties of Paver Blocks Using Copper Slag**

**C.Merlin Rani<sup>1</sup>, M.Helan Sofia<sup>2</sup>, A.Jeyashree<sup>2</sup>, H.Keerthika<sup>2</sup>,  
M.Mahalakshmi<sup>2</sup>**

<sup>1</sup>Assistant Professor, Dept. of Civil Engineering, SSM Institute of Engineering and Technology, Dindigul 624 002, Tamil Nadu, India.

<sup>2</sup>UG student, Dept. of Civil Engineering, SSM Institute of Engineering and Technology, Dindigul – 624 002, Tamil Nadu, India.

**Abstract:** Paver blocks are flexible pavement surfacing options used for exterior pavement application which is more durable with low maintenance. In this investigation, here an effort was made to exploit the waste from copper industry in the form of slag. At present more than enough, copper slag has been extracted as a waste material from the copper industry. In the present study, an attempt was made for the partial replacement of river sand with copper slag having a specific gravity of 3.7 and to study the effect of copper slag on behaviour of paver block. Usage of slag in the replacement of fine aggregate substantially reduces the river sand consumption. The Shape used for casting is unipaver of height 80 mm and the size of coarse aggregate used is 10mm. In this present study, experimental investigations were carried out by replacement of sand with 10%, 20% and 30% of copper slag for M40 grade of concrete to meet the Medium traffic requirements and the mechanical properties were analyzed using compression test, split tension test and water absorption test as per IS15658:2006 (Precast concrete blocks for Paving – Specification). From the test results, it was observed that the compressive strength of paver block specimens showed an increased strength of 0.34%, 3.29% & 6.01% for 10%, 20% & 30% replacement of sand when compared with control specimens respectively. Also, the split tensile strength was found to be increased by 57.7% & 62.6% for 10% & 30% replacements with slag when compared with control specimens.

**Keywords:** Copper Slag, Unipavers, Compression test, Split tension test, Water absorption.



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Name of candidate : **MERLIN RANI C**

Courses name : **Geosynthetics Testing Laboratory**

Date of exam : **2019-09-29**

Mode of payment : **Billdesk**

Amount paid : **Rs.1000**

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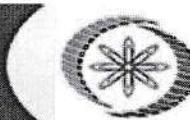
Roll No: NPTEL19CE35S11230081

To validate and check scores: <https://nptel.ac.in/noc/>





E-LEARNING COURSES FROM THE IITs &amp; IISc

**National Programme on Technology Enhanced Learning (NPTEL)**

**Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jun-Sep 2019**

Name of candidate : **PRAVEEN JESURAJ V**

Courses name : **Geosynthetics Testing Laboratory**

Date of exam : **2019-09-29**

Mode of payment : **Billdesk**

Amount paid : **Rs.1000**

FDP Amount : **Rs.100**

*We hereby acknowledge with thanks, the receipt of Rs.1100 from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CE35S11230077

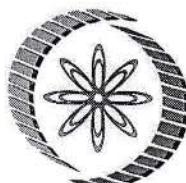
To  
PRAVEEN JESURAJ V  
5/833 LILLY COTTAGE,EAST N.G.O  
COLONY,C.T.O COLONY,  
DINDIGUL  
TAMIL NADU  
624005  
PH. NO :9994473839



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

**No. of credits recommended by NPTEL:1**

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PRAVEEN JESURAJ V**  
for successfully completing the course  
**Geosynthetics Testing Laboratory**

with a consolidated score of **73** %

Online Assignments	25.00/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **91**

Jul-Aug 2019  
(4 week course)

  
Prof. Sridhar Iyer  
Head, CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay

Roll No: NPTEL19CE35S11230077



To validate and check scores: <https://nptel.ac.in/noc/>

**National Programme on Technology Enhanced Learning (NPTEL)**

**Receipt for successful payment of fees for online courses conducted by NPTEL**  
**Course Run:Jul-Oct 2018**

Name of candidate : **SIVA CHIDAMBARAM G**

Courses name : **Geotechnical engineering laboratory**

Date of exam : **2018-10-28**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

*We hereby acknowledge with thanks, the receipt of Rs.1100 from the aforementioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*



Roll No:NPTEL18CE32S21230124

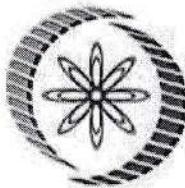
To

SIVA CHIDAMBARAM G  
46, INDRA NAGAR (WEST),  
OLD RATION SHOP UPSTAIR, PALANI 624601  
PALANI  
DINDIGUL  
TAMIL NADU  
624601  
PH. NO :9600393467



No. of credits recommended by NPTEL:1

Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SIVA CHIDAMBARAM G**

for successfully completing the course

**Geotechnical Engineering Laboratory**

with a consolidated score of **56 %**

Online Assignments	24.17/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Total number of candidates certified in this course: **690**

Aug-Sep 2018  
(4 week course)



Indian Institute of Technology Bombay





# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24 / ECE, EEE, MECH – NBA Accredited)

Dindigul – Palani Highway, Dindigul – 624 002

## List of Faculty provided with financial support to attend conferences / workshop and towards membership fee of professional bodies

**Academic Year: 2018 -19**

S.No.	Name of the teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	Mrs.C.Merlin Rani	International conference on Innovative Engineering Initiatives (ICIEI 2019) on "Experimental Study On Mechanical Properties Of Transparent Concrete By using Rice Husk Ash" at SRM TRP Engineering college ,Trichy on 13/03/2019 & 14/03/2019	NA	1000
		International conference on Innovative Engineering Initiatives (ICIEI 2019) on "Assessment of Strength of Paver Blocks by Partial Replacement of Coarse Aggregate with LECA" at SRM TRP Engineering college ,Trichy	NA	1000
		NPTEL Course on "Advanced Topics in the Science and Technology of Concrete", IIT Madras (4 weeks Course- Jan-Feb 2019)	NA	1200
2	Mrs.G.Selvabharathi	International conference on Innovative Engineering Initiatives (ICIEI 2019) on "Experimental investigation on replacement of plastic in building blocks" at SRM TRP Engineering college, Trichy on 13/03/2019 & 14/03/2019	NA	1000
		International conference on Innovative Engineering Initiatives (ICIEI 2019) on "Study of stabilization of red soil by using RECRON-3S,Flyash and lime" at SRM TRP Engineering college ,Trichy on 13/03/2019 & 14/03/2019	NA	1000



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24 /  
ECE, EEE, MECH – NBA Accredited)

Dindigul – Palani Highway, Dindigul – 624 002

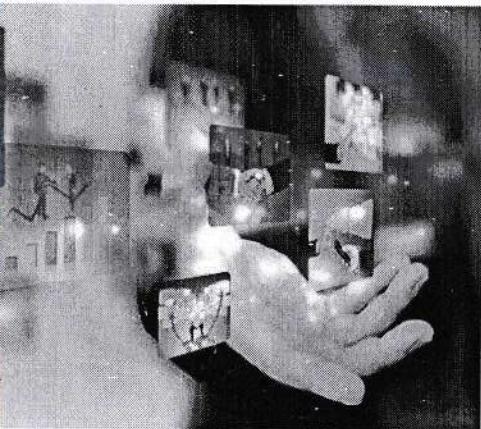
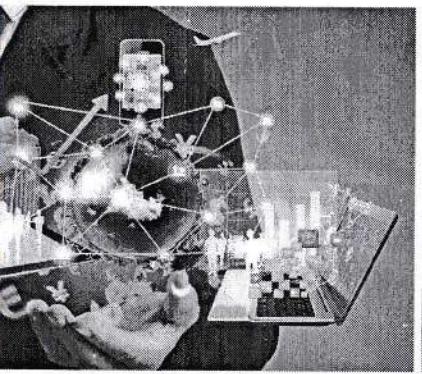
3	Mr.R. Saravanakumar	One week faculty development workshop on "Effective Teaching and Learning Practices for Design and Operation of water supply systems" at National Institute of Technology, Warangal from 20/05/2019 to 25/05/2019	NA	1500
4	Mr.R. Kesavamoorthy	One week faculty development workshop on "Effective Teaching and Learning Practices for Design and Operation of water supply systems" at National Institute of Technology, Warangal from 20/05/2019 to 25/05/2019	NA	1500
5	Mr.V.Praveen Jesuraj	NPTEL Course on "Geotechnical Engineering laboratory" (Jul-Oct 2018)	NA	1100

HoD / Civil



Principal

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kettathupatti Village, Sindalagundu (Po),  
Tirunelveli Road, Dindigul - 624 002



#### REGISTRATION FEE

UG / PG Students	- Rs. 1500/-
Research Scholar / Faculty / Industry	- Rs. 2000/-
Foreign Delegates	- US\$ 150

#### Chief Patron

**Dr. R. Shivakumar**

Chairman, SRM - Trichy & Ramapuram Campus

#### Patron

**Dr. S. Ragupathy**

Executive Director, SRM - Trichy Campus

#### Convener

**Dr. S. Malik Raj**

Principal, SRM TRP Engineering College

#### Organizing Secretary

**Dr. M. Prabhakar**

Vice Principal, SRM TRP Engineering College



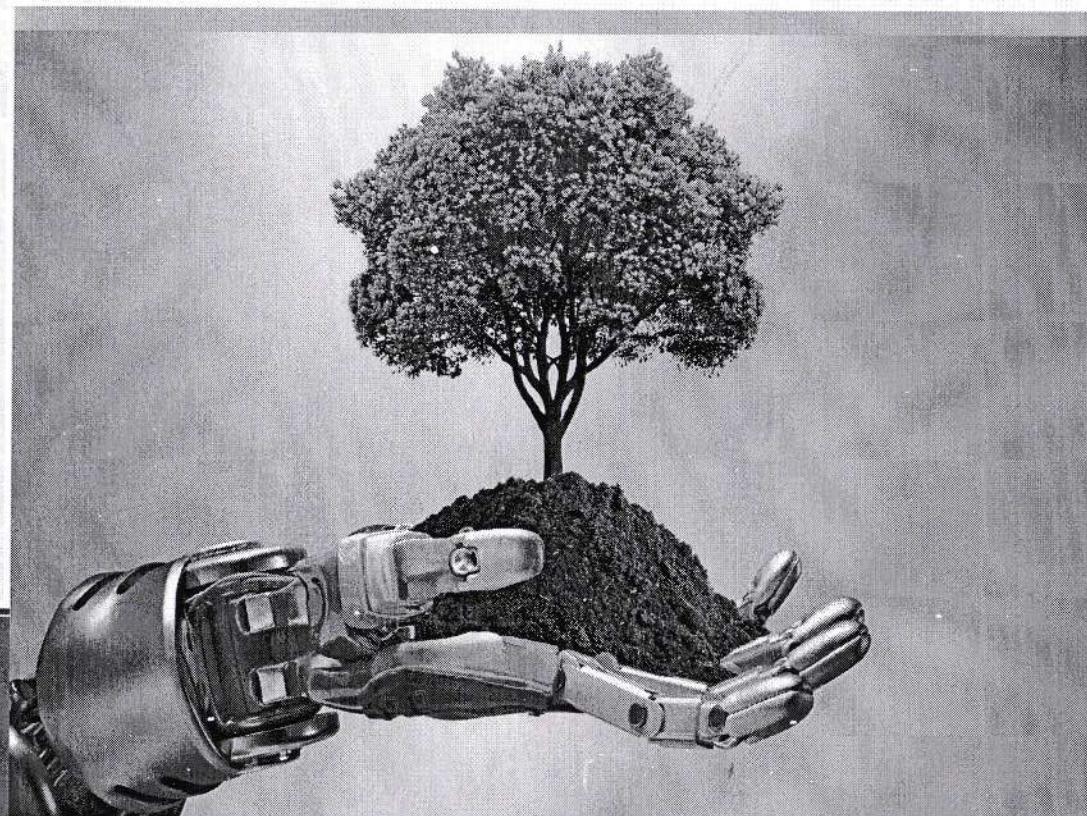
**SRM TRP**  
ENGINEERING COLLEGE  
Affiliated to ANNA University

**ICIET'19**

International conference on

# Innovative Engineering Initiatives

**13<sup>th</sup> & 14<sup>th</sup> March-2019**



ENGINEERING COLLEGE  
Trichy - Chennai Highway  
Rajapalayam, Trichy - 621105  
Tamilnadu, India



srmtrp.conf@gmail.com trp.srmtrichy.edu.in/iciet2019 +91-9443532423, 9787472741





**SRM TRP ENGINEERING COLLEGE**

Near Samayapuram, Tiruchirappalli - 621 105.



## International Conference on Innovative Engineering Initiatives (ICIEI - 2019)

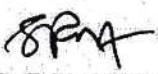
### Certificate

This is to certify that the following paper has been presented in the " International Conference on Innovative Engineering Initiatives " (ICIEI - 2019) held during 13<sup>th</sup> & 14<sup>th</sup> March 2019.

Title of the Paper : Experimental Study On Mechanical Properties of Transparent Concrete.....  
.....By....using....Rice Husk Ash.....

Author : ....C.Merlin Rani,..., Assistant Professor.....

SSM Institute of Engineering and Technology,..., Dindigul.....

  
Prof. S. PALANIYAPPAN  
Coordinator

  
Dr. M. PRABHAKAR  
Organizing Secretary

  
Dr. S. MALIKRAJ  
Convener



# SRM TRP ENGINEERING COLLEGE



Near Samayapuram, Tiruchirappalli - 621 105.

## International Conference on Innovative Engineering Initiatives (ICIEI - 2019)

### Certificate

This is to certify that the following paper has been presented in the " International Conference on Innovative Engineering Initiatives " (ICIEI - 2019) held during 13<sup>th</sup> & 14<sup>th</sup> March 2019.

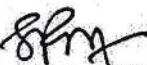
Title of the Paper

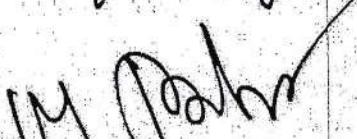
Assessment....of....Strength....of....Paver....Blocks....by....Partial....  
Replacement....of....Coarse....Aggregate....with.....ECA.....

Author

L. Merlin Rani, Assistant Professor,

SSM Institute of Engineering and Technology, Dindigul.

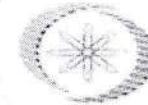
  
Prof. S. PALANIYAPPAN  
Coordinator

  
Dr. M. PRABHAKAR  
Organizing Secretary

  
Dr. S. MALIKRAJ  
Convenor



E-LEARNING COURSES FROM THE IIT'S & IISc



National Programme on Technology Enhanced Learning (NPTEL)

Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jan-Mar 2019

Name of candidate : **MERLIN RANI C**

Courses name : **Advanced Topics in the Science and Technology of Concrete**

Date of exam : **2019-03-31**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

FDP Amount : **Rs.100**

*We hereby acknowledge with thanks, the receipt of **Rs.1200** from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*

Roll No: NPTEL19CE17S11540292

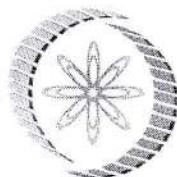
To

MERLIN RANI C  
1/522, MUTHAMIL NAGAR, VALAKKAIPATTY  
PIRIVU,  
DINDIGUL  
TAMIL NADU  
624003  
PH. NO :7094340461



No. of credits recommended by NPTEL:1

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MERLIN RANI C**

for successfully completing the course

**Advanced Topics in the Science and  
Technology of Concrete**

with a consolidated score of **68** %

Online Assignments	20.42/25	Proctored Exam	47.28/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **460**

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

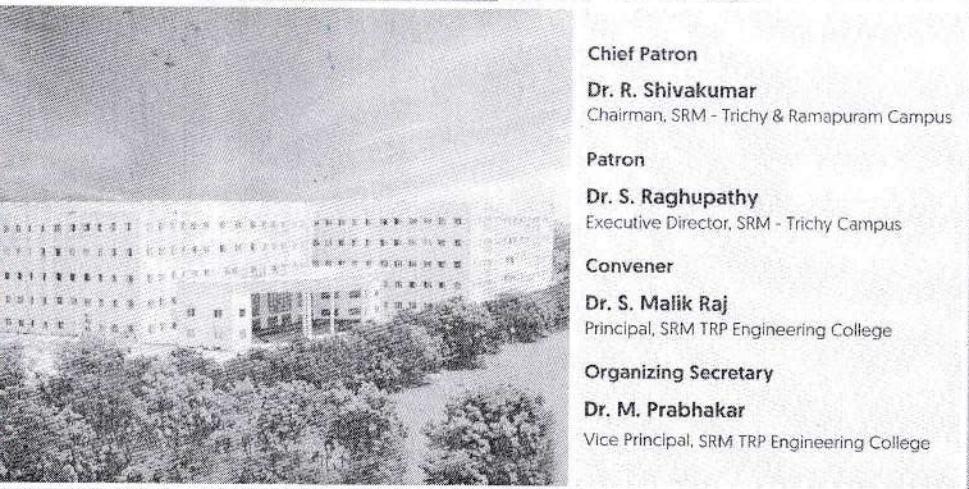
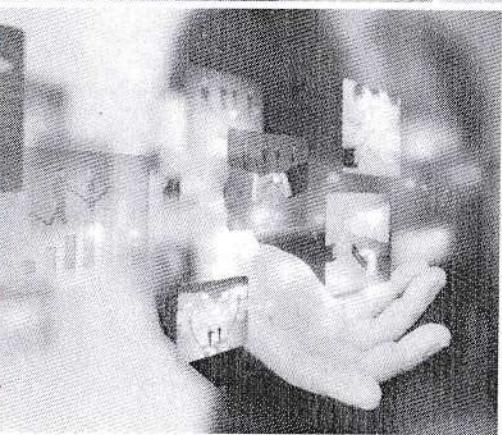
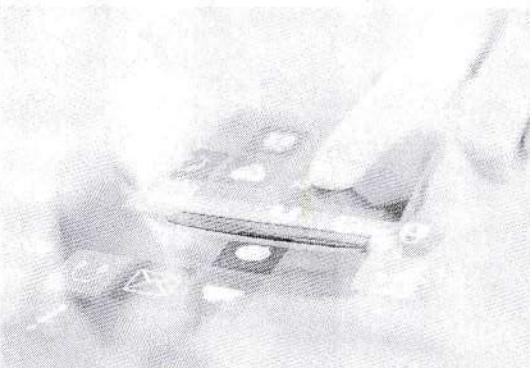
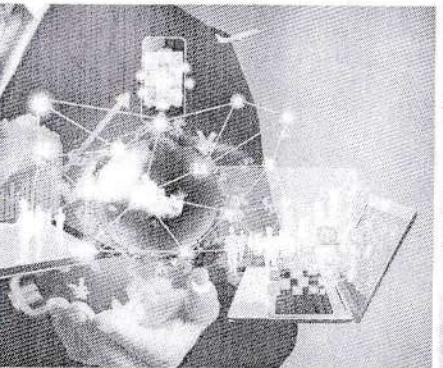
Jan-Feb 2019  
(4 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





SRM TRP  
ENGINEERING COLLEGE  
Affiliated to Anna University

ICIEI19

International conference on

# Innovative Engineering Initiatives

13<sup>th</sup> & 14<sup>th</sup> March-2019

## REGISTRATION FEE

UG / PG Students	- Rs. 1500/-
Research Scholar / Faculty / Industry	- Rs. 2000/-
Foreign Delegates	- US\$ 150

### Chief Patron

**Dr. R. Shivakumar**

Chairman, SRM - Trichy & Ramapuram Campus

### Patron

**Dr. S. Raghupathy**

Executive Director, SRM - Trichy Campus

### Convener

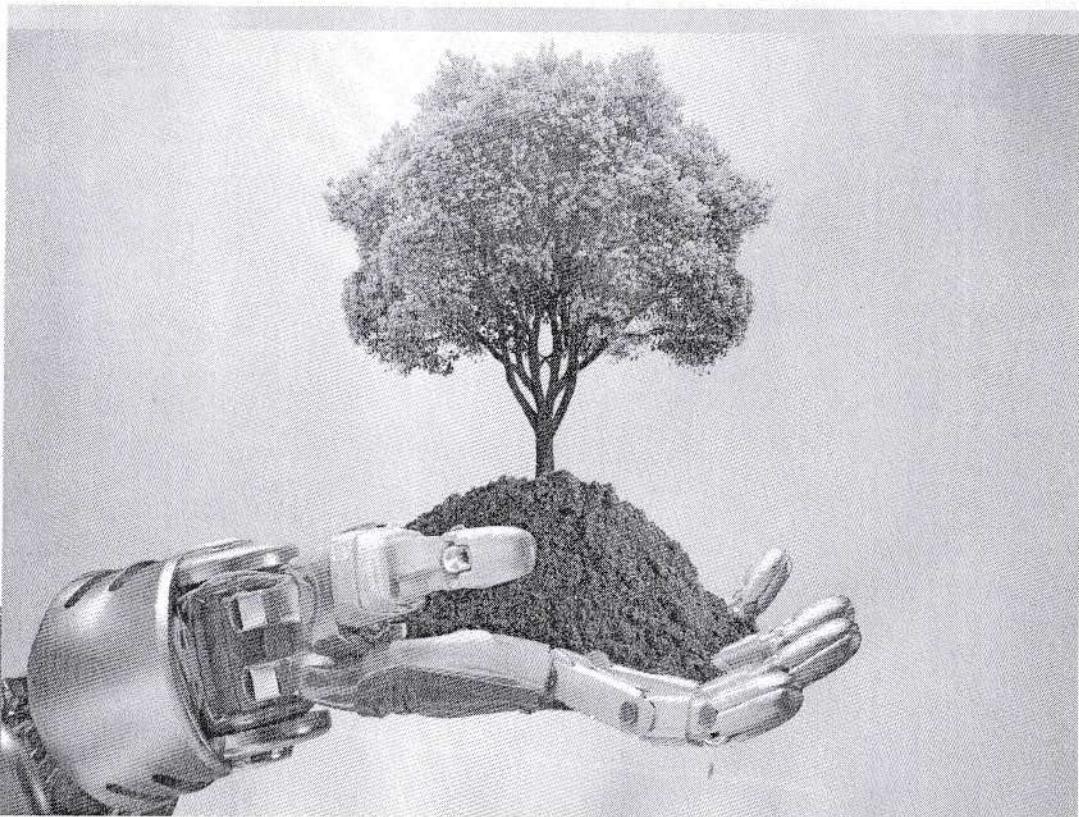
**Dr. S. Malik Raj**

Principal, SRM TRP Engineering College

### Organizing Secretary

**Dr. M. Prabhakar**

Vice Principal, SRM TRP Engineering College





# SRM TRP ENGINEERING COLLEGE

Near Samayapuram, Tiruchirappalli - 621 105.



## International Conference on Innovative Engineering Initiatives (ICIEI - 2019)

### Certificate

This is to certify that the following paper has been presented in the " International Conference on Innovative Engineering Initiatives " (ICIEI - 2019) held during 13<sup>th</sup> & 14<sup>th</sup> March 2019.

Title of the Paper

: Study of stabilization of red soil by Using RECRON - 3S, flyash & lime.....

Author

: G. SELVABHARATHI, Assistant Professor.....

SSM Institute of Engineering & Technology, Dindigul.

Prof. S. PALANIYAPPAN  
Coordinator

Dr. M. PRABHAKAR  
Organizing Secretary

Dr. S. MALIKRAJ  
Convener



# SRM TRP ENGINEERING COLLEGE

Near Samayapuram, Tiruchirappalli - 621 105.



## International Conference on Innovative Engineering Initiatives (ICIEI - 2019)

### Certificate

This is to certify that the following paper has been presented in the " International Conference on Innovative Engineering Initiatives " (ICIEI - 2019) held during 13<sup>th</sup> & 14<sup>th</sup> March 2019.

Title of the Paper : Experimental Investigation on Replacement of plastic in Building Blocks.....

Author : G. SELVABHARATHI, Assistant Professor.....

S.R.M. Institute of Engineering & Technology, Dindigul.....

Prof. S. PALANIYAPPAN  
Coordinator

Dr. M. PRABHAKAR  
Organizing Secretary

Dr. S. MALIKRAJ  
Convener

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16

**Department of Civil Engineering, Water and Environment Division**



**National Institute of Technology**

**Warangal - 506 004 (T.S), India**

Tel: +91 870 2462127 (office); FAX: +91 870 2459547

E-mail: [pvenku@nitw.ac.in](mailto:pvenku@nitw.ac.in), [pvenku@gmail.com](mailto:pvenku@gmail.com)

---

**Dr. P.Venkateswara Rao, PhD.**  
Assistant Professor

Date: 16<sup>th</sup> May 2019

**The following list of participants are selected for the FDP program on "Effective Teaching and Learning Practices for Design and Operation of Water Supply Systems" which will be held from 20-25<sup>th</sup> May 2019 at NIT Warangal. This is for your information and necessary action.**

Name of the participant	College
Syed Afzal Basha	G Pullaiah College of Engineering & Technology
K Mallikarjuna Reddy	G Pullaiah College of Engineering & Technology
D. Sravani	Rajiv Gandhi University of Knowledge Technologie
Kirti Avishek,PhD	Birla Institute of Technology, Mesra,Ranchi-835215.INDIA
AKKI.TRISULAPANI	Anurag group of institutions, Ghatkesar
Sandra Pavani	NSRIT Sontyam Vizag
Dr. Rajesh Gopinath	BMSIT&M, Bangalore 560064
Prasanna.G	BMSIT&M, Bangalore 560064
Muhsina K P	SASTRA Deemed University
Kotnaka Srilatha	JNTU Manthani
Kesavamoorthi.R	SSM Institute of Engineering & Technology ...
Saravanakumar Ramdoss	SSM Institute of Engineering & Technology ...
S.Thangaperumal	St.Josephs College of Engineering, Chennai.
Adlin Rose R	St.Josephs College of Engineering, Chennai.
Leela Krishna K	R.V.R.& J.C. COLLEGE OF ENGINEERING
Dr. A.K Priya	KPR Institute of Engineering and Technology,
PVS. Maruthi Krishna	RVR & JCCE, Guntur
M. Srikanth Kumar	RVR & JCCE, Guntur
Dr. A.K.S. Jeevaraj	LRG government arts college for women
Dr. S. Maruthi Senthil	Government . Arts college udurmalpet Tirupur
S. Dharmar	RAMCO institute of tehnology
G. Karthikeyan	RAMCO institute of tehnology
C Subha	Ramco institute of technoloy rajapalayam
Bonala Sneha	RGUKT IIT Basar
Minie Kurian	sri krishna college of technology
Dr. Syed Ibrahim	DVR&DR.HS MIC college of Technology
ARUN KUMAR T	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
Ravi chandra reddy	CVR college of Engineering
P Kameswari	NALLA NARASHIMHA REDDY GROUP OF INSTITUTIONS
G.Mohan	NALLA NARASHIMHA REDDY GROUP OF INSTITUTIONS
Dr. Achlesh Davercy	Doon University
P.Kishore kumar Reddy	K.S.R.M College of Engineering
Sri Pranap K	RSA, Coimbatore
T. Preethi Rangamani	PVPSIT
Kiran Kumar Yadav	NNRG
Hemanth Sai	NNRG

Yours faithfully,

(P. VENKATESWARA RAO)  
Coordinator, FDP on WSS

**NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL  
TEACHING LEARNING CENTRE**



Established under the Scheme of  
**PMMMNMTT, MHRD, Govt. of India**



Government of India  
Ministry of Human Resource  
Development

**Participation Certificate**

This is to certify that Dr./Mr./Ms. R. Saravanakumar

from SSM Institute of Engg. & Technology, Dindigul

participated in the One Week Faculty Development Workshop on "Effective Teaching and Learning Practices for Design and Operation of Water Supply Systems" organized by the Department of Civil Engineering in association with the Teaching Learning Centre, National Institute of Technology WARANGAL

Warangal during 20<sup>th</sup> - 25<sup>th</sup> of May, 2019.

**Dr. P. Venkateswara Rao**  
Co-ordinator

**Dr. P. Sridhar**  
Co-ordinator

**Prof. M. Chandrasekhar**  
Head, Dept. of Civil Engineering

**Prof. A. Ramachandraiah**  
Coordinator, TLC

**Prof. N.V. Ramana Rao**  
Director, NIT Warangal.



## NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL TEACHING LEARNING CENTRE

Established under the Scheme of  
PMMMNMTT, MHRD, Govt. of India



Government of India  
Ministry of Human Resource  
Development

### Participation Certificate

This is to certify that Dr./Mr./Ms. KesavaMoorthi .R

from SSM Institute of Engg. & Technology Dindigul

participated in the One Week Faculty Development Workshop on "Effective Teaching and Learning Practices for Design and Operation of Water Supply Systems" organized by the Depratment of Civil Engineering in association with the Teaching Learning Centre, National Institute of Technology Warangal during 20<sup>th</sup> - 25<sup>th</sup> of May, 2019.

Dr. P. Venkateswara Rao  
Co-ordinator

Dr. A. Sridhar  
Co-ordinator

Prof. M. Chandrasekhar  
Head, Dept. of Civil Engineering

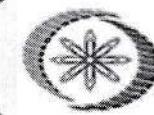
Prof. A. Ramachandraiah  
Coordinator, TLC

Prof. N.V. Ramana Rao  
Director, NIT Warangal.





E-LEARNING COURSES FROM THE IITs & IISc



National Programme on Technology Enhanced Learning (NPTEL)

Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run: Jul-Oct 2018

Name of candidate : **PRAVEEN JESURAJ V**

Courses name : **Geotechnical engineering laboratory**

Date of exam : **2018-10-28**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

*We hereby acknowledge with thanks, the receipt of Rs.1100 from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*



Roll No:NPTEL18CE32S21230092

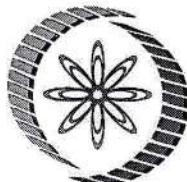
To

PRAVEEN JESURAJ V  
5/833 LILLY COTTAGE,EAST N.G.O  
COLONY,C.T.O COLONY  
DINDIGUL  
TAMIL NADU  
624005  
PH. NO :9994473839



No. of credits recommended by NPTEL:1

Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRAVEEN JESURAJ V**

for successfully completing the course

**Geotechnical Engineering Laboratory**

with a consolidated score of **71 %**

Online Assignments	24.17/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Total number of candidates certified in this course: **690**

Aug-Sep 2018  
(4 week course)



Indian Institute of Technology Bombay

