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InSc
Unit of SDPL



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Certificate of

Young Achiever Award 2019

awarded to

G.Chitrakala

M.E., (Ph.D.)

Associate Professor
Electrical and Electronics Engineering
E.G.S. Pillay Engineering College
Old Nagore Road, Thethi Village
Nagapattinam
Tamil Nadu

for the work with following details:

Publication Type: Journal

Paper Title : A Segmented Ladder-Structured Multilevel Inverter for Switch Count
Remission and Dual-Mode Savvy

Journal Name : Journal of Circuits, Systems and Computers

Volume : 27

Issue No. : 14

Month of publication : December

Year : 2018

ISSN : 1793-6454

Nanjesh Bennur
Director, InSc

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002
Nagapattinam (Dt) Tamil Nadu.

InSc Awards 2018



Roll No: NPTEL19EE11S32160120

To
S. SENTHILKUMAR
DEPT. OF ECE, E.G.S PILLAY ENGINEERING
COLLEGE, E.G.S PILLAY ENGINEERING
COLLEGE
NAGAPATTINAM
TAMIL NADU
611001
PH. NO :9600573995

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



No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to
S. SENTHILKUMAR
for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of **75** %

Online Assignments	24.13/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 1727

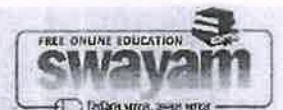
Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL



Roll No: NPTEL19EE11S32160120

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

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

Roll No: NPTEL19EE30S42160156

To
S. SENTHILKUMAR
DEPT. OF ECE, E.G.S PILLAY ENGINEERING
COLLEGE, E.G.S PILLAY ENGINEERING
COLLEGE
NAGAPATTINAM
TAMIL NADU
611001
PH. NO :9600573995

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



No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to
S. SENTHILKUMAR
for successfully completing the course

Control Engineering

with a consolidated score of **44** %

Online Assignments	17.72/25	Proctored Exam	26.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 856

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

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College
Thethi, Nagore - 611001
Nagapattinam (Dt) Tamil Nadu.



Roll No: NPTEL19EE30S42160156

To validate and check scores: <http://npTEL.ac.in/noc>

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: NPTEL19PH14561990628

To
MOORTHY N
NO.28, SIVAN KOIL STREET
4,KADALANGUDI
NAGAPATTINAM
TAMIL NADU
609812
PH. NO :6380208727

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:3

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



NPTEL Online Certification

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



This certificate is awarded to
MOORTHY N
for successfully completing the course
Solid State Physics

with a consolidated score of **58** %

Online Assignments	22.19/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 198

Jul-Oct 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19PH14561990628

S. RAMABALAN, Ph.D.
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

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



NPTEL Online Certification

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



This certificate is awarded to

KARTHIKA N

for successfully completing the course

Soil Mechanics / Geotechnical Engineering I

with a consolidated score of **53** %

Online Assignments	22.75/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 988



Indian Institute of Technology Kharagpur

Jan-Apr 2019
(12 week course)

Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL

E.G.S. Pillay Engineering College,
Thehti, Nagore - 611 002.

Negapatnam (Dt) Tamil Nadu.

A. G. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur





भारतीय तकनीकी शिक्षा संस्था INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXIV of 1860)

Prof. Vaidya Vijay Dattatray

Executive Secretary

ISTE/Sam./2018-19

January 21, 2019

Proceedings of the Executive Secretary, ISTE

Award recognition is hereby accorded from ISTE for "Student Project awards" for the projects indicated:

Selected students members will receive certificates and medal (02 per project).

Project title	Student members	Project guide
Single axis solar panel controller and power optimization	E. Bhavadharani K. Karpagam	Prof. S. Senthil Kumar
Collision detection warning system using Li-Fi	M. Ajithra R. Jamuna	Prof. T. Senthil Kumar
Sea localization and border alert system for fishermen	S. Lashmi R. Devadharshini	Prof. S. Chitra
Autonomous plastic disposal robot	R. Yuvasri T. Ramya	Prof. S. Chitra
Colour balance and fusion for underwater Image Intensification	R. Swathini S.A. Santhiya	Prof. S. Ramachandran
A new design of lab scale vertical axis wind mill	S. Agathiyar S. Abdul Rajick Sahib	Prof. G. Ganesan@Subramanian
Performance analysis of Brushless DC motor using Maxwell	S. Agathiyar S. Abdul Rajick Sahib	Prof. G. Ganesan@Subramanian
IOT based gas leakage detection systems using robot	S. Siva M.Santhoshkumar	Prof. S. Sivamani
Identification of cracked or damaged solar cell using IOT	C. Roja M. Buvanewari	Prof. S. Latha
Smart Vehicle Monitoring System For Accident Detection Using WSN	M. Arunachalam V. Sathish	Prof. K. Nandhakumar
Mechanical properties of fibre reinforced geo polymer concrete using flyash, GGBS and polypropylene fibres with a partial replacement of normal sand manufacturing sand.	A.Arul murugan R. Chandran	Prof. P. Malliga

SHANEE JEET SINGH ROAD, NEAR KATAARIA SARAI, NEW DELHI-110 016

Phone : 91-11-26512542, 26512543, 26512544, Fax : 91-11-26512421, E-mail : execsec@iste.org Website : www.iste.org

Dr. S. RAMABALAN
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.



भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL EDUCATION
(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/SXU./2018-19

January 21, 2019

Proceedings of the Executive Secretary, ISTE

Project title	Student members	Project guide
Experimental study on bitumen pavement using recycled fillers	Mohamed Abideen Naveeth Ahmed	Prof. G. Prakash
Experimental investigation on wood based sandwich panel	M. Janaki E. Elakiya	Prof. T. Adhavanathan
Object recognition using deep learning	T. Nirmal raj P. Kathiravan	Dr. M. Chinnadurai
Smart water management in housing society using IOT	B. Anuradha S. Sandhiya	Dr. S. Appavu @ Balamurugan
Division and replication of data for optimal performance and security in cloud	R. Viji V. Vinitha	Prof. K. Kalaivany
Hostel girls security system	Devi priyanka Vasumathi	Prof. K. Raju
Grievance redressal through App and IVRS in ICDS	G. Tamilkodi S. Deepa	Prof. R. Anandababu
Investigation of stepped solar still	S. Iyappan J. Jermin Albert	Prof. A. Arunkumar
Easy detection of BHN using image processing techniques	P. Manimaran T. Manikandan	Prof. S. Harish kirthi

To

Dr. S. Ramabalan
Principal
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam - 611002
Tamilnadu State

Vaidya
Executive Secretary

Ramabalan
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112



Roll No: NPTEL19CS07SS1960220

TO J. VANITHA
10, IIND CROSS, PUDHU NAGAR,
KEEZHAKASAKUDI,
KARAIKAL
PUDUCHERRY
609609
PH. NO :9443728519



Duration of NPTEL course: 12 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



NPTEL-AICTE Faculty Development Programme

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



This certificate is awarded to

J. VANITHA

for successfully completing the course

Programming in Java

with a consolidated score of **75 %**




Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2019)


Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19CS07SS1960220

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

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 25th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

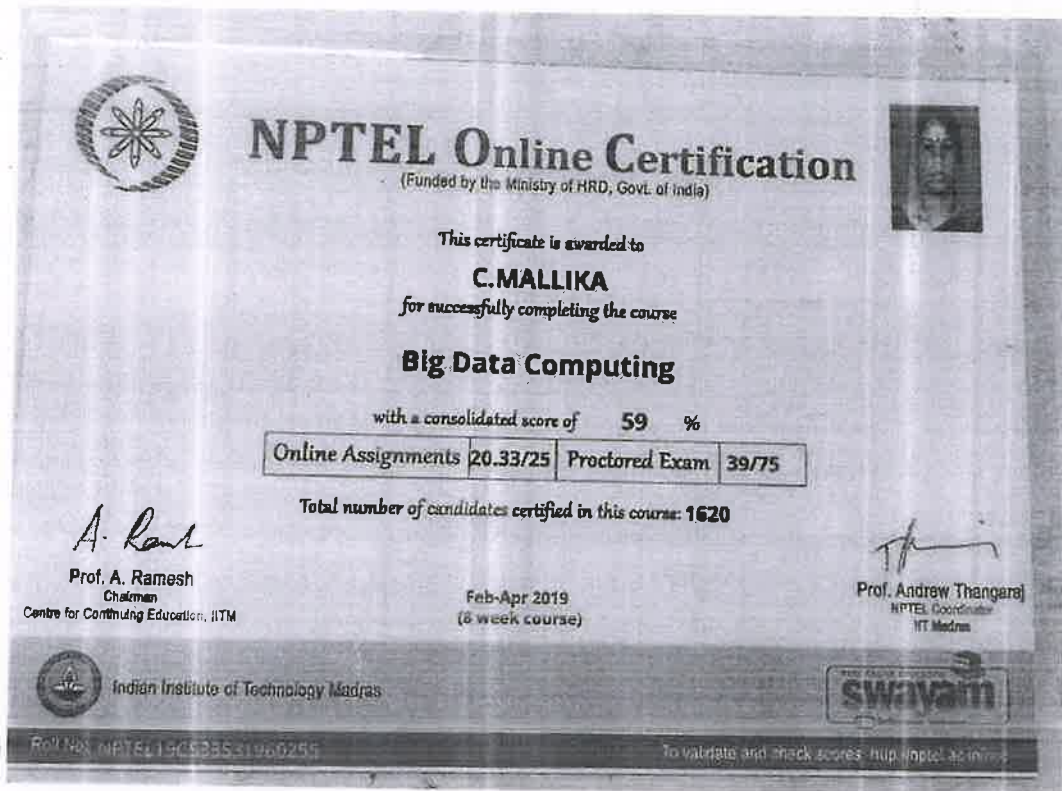


E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112



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

This certificate is awarded to
C. MALLIKA
for successfully completing the course
Big Data Computing
with a consolidated score of **59 %**

Online Assignments	20.33/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **1620**

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

Feb-Apr 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

SWAYAM

Roll No: NPTEL1405DBS31960255

To validate and check scores: <http://npTEL.ac.in/mys>


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112



Elite

NPTEL Online Certification

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



This certificate is awarded to

ARUNKUMAR P

for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **78** %

Online Assignments	23.72/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 5439

Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS31S41960121

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


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



NPTEL Online Certification

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



This certificate is awarded to

R.KARTHI

for successfully completing the course

Global Marketing Management

with a consolidated score of **81** %

Online Assignments	23.63/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 572

R. Karthi

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee



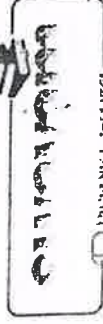
Indian Institute of Technology Roorkee

Feb-Apr 2019
(8 week course)

Dr. S. Ramabalan

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.



sf



Roll No: NPTEL18EE33S22060083

To
EGS PILLAY ENGINEERING COLLEGE
NAGAPATTINAM

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

2/262



No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

S. SENTHILKUMAR

for successfully completing the course

Digital Circuits

with a consolidated score of **78 %**

Online Assignments	21.34/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **4707**

Jul-Oct 2018
(12 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

DR. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore
Nagapattinam (Dt) Tamil Nadu.



Roll No. NPTEL18EE33S22060083

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

Roll No: NPTEL19PH05S11880010

To
DEVA RAJAN
#61, MUTHUMARIAMAN KOIL
STREET, VELIPPALAYAM, NAGAPATTINAM
NAGAPATTINAM
TAMIL NADU
611001
PH. NO :9894055342



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

No. of credits recommended by NPTEL:2



NPTEL Online Certification

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



This certificate is awarded to

DEVA RAJAN

for successfully completing the course

Fiber Optics

with a consolidated score of **47** %

Online Assignments	22.50/25	Proctored Exam	24.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 177

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Jan-Mar 2019
(8 week course)

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College
Thethi, Nagore - 611 002
(Tamil Nadu)



Indian Institute of Technology Roorkee



Roll No: NPTEL19PH05S11880010

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

Roll No: NPTEL19PH05S11880097

To
SENTHIL KUMAR.T
1/92
PILLAIYAR KOVIL STREET
ALATHAMBADI
THIRUVARUR
TAMIL NADU
610211
PH. NO :9486124167



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

No. of credits recommended by NPTEL:2

Elite



NPTEL Online Certification

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



This certificate is awarded to
SENTHIL KUMAR.T
for successfully completing the course

Fiber Optics

with a consolidated score of **63** %

Online Assignments	22.92/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 177

B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Jan-Mar 2019
(8 week course)

[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu



Indian Institute of Technology Roorkee



Roll No: NPTEL19PH05S11880097

To validate and check scores: <http://npTEL.ac.in/noc>