

TMHNU Executive Committee Members

Mr.P.M.P.Arulprakasam
Mr.A.S.G.Dharmarajan, B.A.,
Mr.P.P.Ganesh, B.Sc.,
Mr.K.Gnanaprakasam
Mr.G.N.Jawahar
Mr.M.Kalimuthu, B.A.,
Mr.P.Kannayiram, Ex.Mc.,
Mr.K.K.Sekar
Dr.C.Sermarajan, M.B.B.S., DLO.,
Mr.C.Soundarapandian, B.A.,
Mr.K.Vijayakumar, B.Com.,
Mr.T.Vijayakumar

NSCET College Committee Members

Mr.K.A.V.Achamuthupandiyan	Mr.K.Rajkumar, M.Sc., (CS & IT)
Mr.A.P.Karthikeyan	Er.M.Ramesh, D.C.E.,
Mr.M.Karthikeyan, M.B.A.,	Mr.A.R.Saravanakumar
Mr.R.Madasamy, M.C.A.,	Er.N.Selvakumar, B.E.,
Mr.V.K.M.Manivannan, M.B.A.,	Mr.S.S.Selvakumar, M.Com.,
Mr.R.V. Marimuthu	Dr.G.J.Senthil Selvan, B.D.S.,
Mr.A.M. Marikani, B.E.,	Mr.A.S.R.Soundrapandiyan, B.Sc.,
Er.S.N.Mathalai Rajan, B.E., M.B.A.,	Mr.S.V.Thanushkodi, B.Com., DCM., ADCHN.,
Dr.A.A.T.R.Mohanasundaram ,M.B.B.S.,	Mr.J.Venkateshbabu, B.Com.,
Er.S.Naveen Ram, B.E.,MBA.,	Dr.R.T.Udhaya Sankar, M.S.,



Theini Melapettai Hindu Nadargal Uravimurai

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Vadapudupatti, Annanji(po), Theni - 625531.

3rd
**International Conference
(Virtual Mode) on
New Scientific Creations in
Engineering and Technology**

ICNSCET ' 2K21

Date : 19th March 2021 (Friday) Time : 9.40 a.m.

Venue: Sir.C.V.Raman Auditorium, NSCET.

Mani



Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D
Principal
**Nadar Sarawathi College of
Engineering and Technology**
Vadapudupatti, Theni-625 531.



Theni Melapettai Hindu Nadargal Uravimurai

NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



The Management, Principal, Vice Principal, HOD's, Faculty Members & Students Cordially invite you for

3rd International Conference (Virtual Mode) on New Scientific Creations in Engineering and Technology

ICNSCET '2K21

Date : 19th March 2021 (Friday)

Time : 9.40 A.M.



Chief Guest



Dr.Xiao-Zhi-Gao

Professor,
University of Eastern Finland,
Finland.

Dr.Sajal Chandra Banik

B.Sc.(Mechatronics), M.Sc. (Mechatronics(Germany)) Ph.D.,(Robotics & AI) Japan
Professor,
Department of Mechanical Engineering
Chittagong University of Engineering and Technology,
Bangladesh.

Chair Persons

Dr.V.Prem Anand, M.E., Ph.D.,

Assistant Professor
Dept. of Mechanical Engineering
University College of Engineering, Dindigul.

Dr.A.Muthumari, M.E., Ph.D.,

Assistant Professor & HOD
Dept. of Computer Science and Engineering
University College of Engineering, Ramanathapuram.

Dr.M.Senthilkumar, M.E., Ph.D.,

Assistant Professor
Dept. of Electronics and Communication Engineering
University College of Engineering, Dindigul.

Dr.K.Dhanalakshmi, M.E., Ph.D.,

Assistant Professor
Dept. of Civil Engineering,
University College of Engineering, Nagercoil.

Dr.D.Kavitha, M.E., Ph.D.,

Assistant Professor
Dept. of Electrical and Electronics Engineering,
Thiyagaraja College of Engineering, Madurai.

With Warm Regards

K.P.R.Murugan,B.B.A.,B.G.L.,
President, T.M.H.N.U.

T.Rajamohan, B.Sc.,
General Secretary, T.M.H.N.U.

M.Palanjiappan
Treasurer, T.M.H.N.U.

and Executive Committee Members, T.M.H.N.U.

K.S.Kasi Prabhu, B.Sc.,
Secretary, NSCET.

and College Committee Members, NSCET.

Dr.C.Mathalai Sundaram, M.E., M.B.A., Ph.D., M.I.T.E.,
Principal, NSCET.

N.Mathavan, M.E., M.B.A.-M.I.T.E.,(Ph.D.)
Vice Principal, NSCET.

R.Saranya, M.A., M.Phil., M.B.A., M.I.T.E., (Ph.D.)
Women Empowerment Cell Coordinator, NSCET.



Agenda

Date : 19th March 2021 (Friday)

Time : 9.40 A.M.

Venue : Sir.C.V.Raman Auditorium, NSCET.

Virtual Mode

Inauguration

Welcome Address

: Dr.C.Mathalai Sundaram, M.E.,MBA.,Ph.D.,MISTE.,
Principal, NSCET.

Felicitation Address

: Mr.K.S.Kasi Prabhu, B.Sc.,
Secretary, NSCET.

Mr.A.Rajkumar, B.B.A.,
Joint Secretary, NSCET.

Releasing the Conference Proceedings :

Chief Guest Address

: Dr.Sajal Chandra Banik
Professor,
Chittagong University of Engineering &
Technology, Bangladesh.

Dr.Xiao-Zhi-Gao

Professor,
University of Eastern Finland,
Finland.

Conference Report

: Mr.A.Vembathurajesh, M.E., (Ph.D) MISTE.,
HOD/MECH, NSCET.

Vote of Thanks

: Dr.B.Radhakrishnan, M.E., Ph.D., MISTE.,
AP/MECH, Conference Coordinator, NSCET.

Technical Sessions

: by Virtual Mode

Mani —

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
Principal
Nadar Sarawathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



THENI MELAPETTAI HINDU NADARGAL URAVINMURAI



NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.

Cir. No: NSCET/Cir/2020-21/R & D-009

Date: 17.03.2021

Circular

We are delighted to announce that our college is organizing a **International Conference on New Scientific Creation in Engineering and Technology (ICNSCET 2K21)** scheduled to take place on **19.03.2021**. This event promises to be an enriching experience, offering **Presentation of innovative scientific creations, interdisciplinary discussions, networking**. We strongly encourage the participation of both faculty and students to maximize the advantages of this program.

Your attendance and engagement will contribute significantly to the success of the event and provide invaluable insights and learning opportunities. We encourage everyone to take advantage of this occasion.

Mari
17/03/21
Principal

Copy to:

1. HODs.
2. All Notice Board
3. Files

Hari
Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.





THENI MELAPETTAI HINDU NADARGAL URAVINMURAI

NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.

Date: 16.03.2021

To

Dr. Sajal Chandra Banik,
Professor, Department of Mechanical Engineering,
Chittagong University of Engineering and Technology,
Bangladesh.

Sir

Subject: Requesting for acceptance to act as resource person – reg.

Nadar Saraswathi College of Engineering and Technology is organizing “3RD International Conference (Virtual Mode) on New Scientific Creations in Engineering and Technology ICNSCET ‘2K21 on 19.03.2021. In this regard we request you to felicitate the program by delivering an expert talk as mentioned below.

S. No.	Date	Time	Topic
1	19.03.2021	9.40 AM	3 RD International Conference (Virtual Mode) on New Scientific Creations in Engineering and Technology ICNSCET ‘2K21

Kindly acknowledge this letter to confirm your acceptance and do the needful.

16/03/21

PRINCIPAL

Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,

Principal

Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni - 625531



Dr. C. MATHALAI SUNDARAM

Principal

Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



THENI MELAPETTAI HINDU NADARGAL URAVINMURAI

NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.

Date: 16.03.2021

To

Dr. Xiao – Zhi-Gao
Professor,
University of Eastern Finland,
Finland.

Sir

Subject: Requesting for acceptance to act as resource person – reg.

Nadar Saraswathi College of Engineering and Technology is organizing “3RD International Conference (Virtual Mode) on New Scientific Creations in Engineering and Technology ICNSCET ‘2K21 on 19.03.2021. In this regard we request you to felicitate the program by delivering an expert talk as mentioned below.

S. No.	Date	Time	Topic
1	19.03.2021	9.40 AM	3 RD International Conference (Virtual Mode) on New Scientific Creations in Engineering and Technology ICNSCET ‘2K21

Kindly acknowledge this letter to confirm your acceptance and do the needful.

Mani ——————
16/03/21

PRINCIPAL

Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal

Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni - 625531



Mani ——————
Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,

Principal

Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.





NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY
VADAPUDUPATTI, THENI – 625 531
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONFERENCE RESOURCE PERSON

Dr. A.MuthuMariM.E., Ph.D

Assistant Professor

Anna University Ramanathapuram



Qualification	Department	Year (From-To)	Percentage	Class
Ph.D.,	Computer Science and Engineering	2011-2019	NA	-
M.E.,	Computer Science and Engineering	2005-2007	8.40 (OGPA)	First class with Distinction
B.E.,	Information Technology	2000-2004	67.07 %	First class

Total Work Experience – 14 Years and 1 month

Mani —



Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
GUEST PROFILE

Dr. M.SENTHILKUMAR
Assistant Professor
Department of Electronics and communication Engg.
University college of engineering Dindigul
Mankarai Pirivu, Reddiyarchthram post
Dindigul-624622
Contact No :+91 9965672227
Mail. ID :senthilauece@gmail.com



Research Area:

Signal processing, Image processing and Neural Networks

Educational Qualifications:

Qualification	Department	Year (From - To)	Percentage	Class
Ph.D.,	ICE - Neural Networks	2016	-	-
M.E.,	Power Electronics and drives	2004	7.34 CGPA	I
B.E.,	Electronics and communication Engg	2002	59.8	II
Diploma	Electrical and Electronics Engg	1994	78.5	I with Distinction

Experience:

Name of Company / Institutions	Designation of Post	From	To
Sri Subramanya College of Engineering and Technology Palani.	Lecturer	07-06-2004	01-06-2007
Dr.Mahalingam College of Engineering and Technology Pollachi.	Lecturer	18-06-2007	30-11-2007
Info Institute of Engineering Coimbatore	Sr.Lecturer	04-02-2008	09-01-2009
PA College of Engineering and Technology Pollachi.	Assistant Professor	09-02-2009	23-12-2010
University College of Engineering Dindigul	Assistant Professor	24-12-2010	Till Date



Hari
Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



3rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY(ICNSCET-21)

2021

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING GUEST PROFILE

Short term training – “ Electronic circuits system design Using Virtual Instrumentation” Organized by AUT Madurai and National Instruments during the period 25-04-2011 to 26-04-2011 (3 Days)

Short term training – “ Training Program on CADANCE simulation PCB design software Organized by CADANCE ORCAD FTD automation .during the period 12-08-2014 to 14-08-2014 (3 Days)

Short term training – “ Design Techniques on Reconfigurable System” Organized by Enixs Technology and AUT Madurai .during the period 27-08-2014 (1 Day)

Seminar / Guest Lecture – “ Artificial intelligence in industries “ delivered at VICRAM college of Engineering Madurai on 23-09-2016 (1 Day)

Seminar / Guest Lecture – “ Smart phone applications in Teaching and Learning and its Pros and Cons” delivered at Periyar University Salem on 21-12-2015 (1 Day)

International Conferences Participated:

Metal surface defect detection using iterative thresholding technique, ICCTET'14(2014), 2nd International Conference on Current Trends in Engineering and Technology , organized by IEEE during 8th July 2014.

Fuzzy models for estimating the quality of VOIP using Neuro-Fuzzy and GA,), 2nd International Conference on recent Trends in Electronics Electrical Engineering networking and Nano Technology , organized by CCET oddanchatram during 6th March 2014 to 8th March 2014.

Publications :

International Journals:

M Senthilkumar , Dr.V Palanisamy, ‘Haralick Statistical Features Based Surface Grading of Ceramic Tiles’ International Journal of Applied Engineering Research, ISSN 0973-4562 , Volume 9, Number 22 (2014) page No. 16661-16670.

M. Senthilkumar, Dr.V. Palanisamy & J. Jaya, ‘An Efficient Feature Fusion Technique for Surface Grading of Ceramic Tiles’ Middle-East Journal of Scientific Research, ISSN 1990-9233 , volume 23 (1): page No.59-65.



Hari

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



**3rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN
ENGINEERING & TECHNOLOGY(ICNSCET-21)**

2021

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
GUEST PROFILE**

Additional / Academic Responsibilities at University:

Head of the Department in-charge of ECE from October 2012 to July 2015

Edu-Sat staff In-charge from Apr 2013

Communication and Networking In-charge from 2015

Digital signal processing Lab in charge from 2015

Purchase committee member for ECE of University college of Engineering Dindigul

Professional Activities:

1. Act as chief superintendent for AU examinations from APR/MAY 2014 to OCT/NOV 2015
2. Act as Camp officer for NOV /Dec 2018 Examinations
3. Act as Affiliation inspection member - 2013 -14
4. Act as vigilance squad member for Anna University examinations from 2012

Membership of Scientific and Professional Societies:

Life member of ISTE from Apr 2007 onwards

B.E/M.E Projects guided :

Number of BE Project Guided: 52

List of Seminar / Short Term Course/FDP/ Workshop attended: (Within India)

FDP - "Principles of digital signal processing ", organized by Anna University Chennai during 18-05-2007 to 24-05-2017. (7 Days)

FDP - "Foundation program in ICT for Education ", organized by IIT Bombay during 03-08-2017 to 07-08-2017. (2 weeks)

FDP - "Pedagogy for online and blended teaching Learning process" organized by IIT Bombay during 14-09-2017 to 12-10-2017. (2 weeks)

FDP - "Machine Learning techniques in Information Retrieval" organized by AICTE during 14-09-2017 to 12-10-2017. (2 weeks)



Mam →

**Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal**
**Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.**



PAPER ID	TITLE	AUTHOR	COLLEGE NAME	TIMING
ICNSCET21 EC01	FPGA BASED DROWSINESS ALERT SYSTEM FOR DRIVERS	A.Kamaraj, B.Dilshad, V.Albert Anand,	MEPCO Schlenk Engineering College, Sivakasi	10:30AM to 10:40 AM
ICNSCET21 EC02	FPGA IMPLEMENTATION OF ELLIPTIC CURVE CRYPTOGRAPHY FOR ENTITY AUTHENTICATION	A.Kamaraj, S.Anbarasan, B.Karthick Selvam	MEPCO Schlenk Engineering College, Sivakasi	10:40AM to 10:50 AM
ICNSCET21 EC03	FIRE FIGHTING AND FLAMMABLE GAS DETECTING ROBOT USING EMBEDDED SYSTEMS	G.Ramachandran, S.Kannan	Kirupananda Variyar Engineering College, Salem, Tamil Nadu, India	10:50AM to 11:00 AM
ICNSCET21 EC04	DESIGN OF SENSOR FOR ABNORMAL TISSUE DETECTION	A.Asuvaran, Dr.G.Elaitharan	University College of Engineering, Patukkottai,	11:00 AM to 11:10 AM
ICNSCET21 EC05	A SIMULATION STUDY ON PERFORMANCE EVALUATION OF SINGLE CHANNEL HEAT SINK USING NANOFUIDS FOR CHIP COOLING	P.C.Mukesh Kumar, C.M.Arun Kumar	University College of Engineering, Patukkottai,	11:10 AM to 11:20 AM
ICNSCET21 EC06	IOT BASED HEALTH MONITORING SYSTEM	Sasikala.R, Keerthana.R, DivyaBharathi.S, Umamaheswari.S, Logeshwari.L, Themmozi.E	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	11:20 AM to 11:30 AM
ICNSCET21 EC07	IOT BASED MULTI-NODE HEALTH MONITORING SYSTEM	Shammugapriya.S Swetha.C Vaishnavi.K.R Rahul.R Mathankumar.M	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	11:30 AM to 11:40 AM

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY



3rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY

2021

(ICNSCET-21)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PRESENTATION SCHEDULE

Google Meet Link: <https://meet.google.com/mqg-zq-oxyt.doc>

ICNSCET21 EC08	AUTOMATIC RAILWAY GATE CONTROLLER WITH ALERTING SYSTEM	Gowsalya T, Ilakkya R, Dr.Meenakumari M, Indumathi J, Jhony rani S	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	11:40 AM to 11:50 AM
ICNSCET21 EC09	WIRELESS TRANSMISSION OF BIOMEDICAL PARAMETER FOR PATIENTS MONITORING USING IOT	A Periyanaan, M.Kaleeswari, S.Sangeetha, M.Sharmila, P.Sowthariya	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	11:50 AM to 12:00 NOON
ICNSCET21 EC10	SMART MEDICINE REMINDER BOX USING AUDIO SYSTEM	M.Sabareeshwaran V.R.Mani, A.Perumal, M.Sharmila R.Subash	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	12:00 NOON to 12:10 PM
ICNSCET21 EC11	DETECT AND SEGMENT THE BRAIN TUMOR LOCUS USING IMAGE REGISTRATION AND NEURO FUZZY CLASSIFICATION	Yaswanth Kumar, M.Vigneshwaran, S.Yaswanth kumar, S.Siva sakthi balan K.Muthunagave, Dr.K.Rajesh	SSM Institute Of Engineering And Technology, Dindigul	12:10 AM to 12:20 PM
ICNSCET21 EC12	COMPUTER AIDED AUTOMATIC DETECTION OF GLIOBLASTOMA TUMOR IN BRAIN USING IMPROVED CLASSIFIER	B.Varshini, R.M.Alagu Devianai, Ms.K.Sneka Dr.K.Rajesh	SSM Institute Of Engineering And Technology, Dindigul	12:20 AM to 12:30 PM
ICNSCET21	ANTI DATA LEAK PATTERN FOR WEB BASED	R.Mohana Vishnu Priya,	Sree Sowdambika College of Engineering, Aruppukottai	12:30 AM to 12:40 PM

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A,Ph.D.
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY

EC13	SERVICES		S.Muthulakshmi
ICNSCET21 EC14	DETECTION OF MOBILE PHONE IN PRIVATE AREA USING ARDUINO IN IOT	Abinaya, R.Anitha S.Saravananpriya	Sree Sowdambika College of Engineering, Ariuppukottai
ICNSCET21 EC15	AUTOMATIC LAKE CLEANING ROBOT USING IOT	Kavitha.P S.Subha K.Malavika, A.Mohanapriya	M.A.M.School of Engineering Siruganur, Trichy
ICNSCET21 EC16	DESIGN OF AN ATM SECURITY THROUGH SMART VISION	Kavitha.P S.Abinaya P.Ammudevi R.Kavinya,	M.A.M.School of Engineering Siruganur, Trichy
ICNSCET21 EC17	IOT BASED SMART REMAINDER MEDICINE PILL BOX	Abdur Rahman.N, Sumathi.K Gunavathi.A, Kasthuri.S	M.A.M.School of Engineering Siruganur, Trichy
ICNSCET21 EC18	ARTIFICIAL INTELLIGENCEBASED SMART HELMET 5.0	Abdur Rahman.N, Sangeetha.S Ammu R, Pavithra S	M.A.M.School of Engineering Siruganur, Trichy
ICNSCET21 EC19	DESIGN OF 10T STATIC RAM BASED ON SOURCE BIAS TECHNIQUE	Dr.P.Murugeswari Pavithra.A Ruthraa.K, Mahalakshmi.SM, Maragatham.AM	Theni Kammavar Sangam College of Technology. Theni
ICNSCET21 EC20	SOIL HUMIDIFICATION SENSING USING ARDUINO	T.Marutharaj, A.Kadar Mohammed Ashik S.Siva Durai	Theni Kammavar Sangam College of Technology. Theni



Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D

Principal

**Nadar Sarawathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY



3rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING & TECHNOLOGY

(ICNSCET-21)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRESNTATION SCHEDULE

Google Meet Link: <https://meet.google.com/gzq-egxd-doc>

		G.R.Balaji	
ICNSCET21 EC21	PLANT LEAF DISEASE DETECTION USING ANN AND BPNN ALGORITHMS	M.Thiruppatheriaj, Annariya R Gayathri M, Lavanya.S, Preethi Manoharan G	<i>Theni Kammavar Sangam College of Technology, Theni</i> 01:50 AM to 02:00 PM
ICNSCET21 EC22	MIXED LOGIC DESIGN FOR 2-4 AND 4-16 LINE DECODER	M.Thiruppatheriaj, Jeyasudha, Nimakrishna, Tamilarasi	<i>Theni Kammavar Sangam College of Technology, Theni</i> 02:00PM to 02:10PM
ICNSCET21 EC23	VIRTUAL BASED ROBOTIC CONTROL	Mahesh. B Abinaya. G Pragathi. P Siva Muthu Vaishnavi.R	<i>Solanalai College of Engineering, Madurai.</i> 02:10PM to 02:20PM

Han

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
Principal
Nadar Sarawathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY



**3rd INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC
CREATIONS IN ENGINEERING & TECHNOLOGY
(ICNSCET-21)**

2021

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ABSTRACT

Total No. of Papers Received- 48

External Papers-36

Internal Papers-12

College wise List of Papers Count

S.NO	COLLEGES	COUNT
1.	Sri Ranganathar Institute Of Engineering and Technology, Athipalyam, Coimbatore.	01
2.	Kamaraj College of Engineering and Technology,Virudhunagar	06
3.	SSM Institute of Engineering and Technology,Dindigul	03
4.	Government College of Engineering, Bodinayakkanur	01
5.	P.S.N.A College of Engineering and Technology, Dindigul	04
6.	Saranathan college of Engineering, Trichy, India.	15
7.	Chettinad College of Engineering and Technology, Puliyur-CF, Karur	02
8.	Sree Chaitanya College of Engineering,Telangana	01
9.	Mizoram University, Aizawl-796004	02
10.	Mangayarkarasi College of Engineering,Madurai	01
11.	Nadar Saraswathi College of Engineering and Technology, Vadaputhupatti, Theni	12
	Total	48



Hari
Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.
Principal
**Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.**

RESOURSE PERSON PROFILE:

Dr. D.Kavitha

davitha@tce.edu, kavithadhakshin@gmail.com, Website: <https://kavithatce.wordpress.com/>

Educational Qualification

DEGREE	BRANCH	INSTITUTE
B.E	EEE	Thiagarajar College Of Engineering/ Madurai Kamaraj University
ME	Power Systems	Thiagarajar College Of Engineering/ Anna university
Ph.D	Electrical/Power Quality	Thiagarajar College of Engineering

Experience

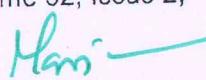
PERIOD	NO OF YEARS	DESIGNATION
2005-2007	2	Lecturer/Teaching
05-07-2007 to 30-11-2009	2	Lecturer/Teaching
01-12-2009 to 01-01-0001	11	Assistant Professor

Publications

Journals

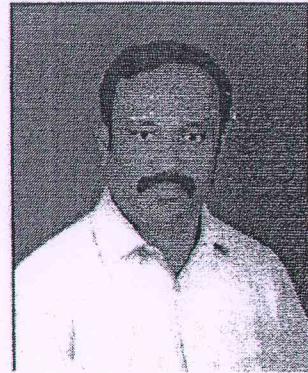
1. Anitha, D. M., & Kavitha, D. M. Online coding event as a formative assessment tool in introductory programming and algorithmic courses—An exploration study. Computer Applications in Engineering Education, Impact factor: 0.856
2. Anitha, D., Kavitha, D., Prakash, R. R., & Raja, S. C. (2020). Identification of Opinion Difference in Teaching Learning Methods and Recommendation to Faculty. Journal of Engineering Education Transformations, 33, 421-424.
3. D. Kavitha, Placement of active power line conditioner in distribution system using differential evolution, Journal of Electrical Engineering : Volume 20 / 2020 - Edition : 1
4. R. Suganya, D. Kavitha, R. Helen, "An Effective Way of Improving the Course Outcomes by Using Jigsaw Technique in Core Courses of Engineering", Journal of Engineering Education Transformation, Vol:33, 2020. DOI: 10.16920/jeet/2020/v33i0/150201
5. D. Anitha, D. Kavitha, R. Rajan Prakash, S. Charles Raja, Identification of Opinion Difference in Teaching Learning Methods and Recommendation to Faculty, Volume 33, Special Issue, January 2020 . DOI: 10.16920/jeet/2020/v33i0/150197
6. Optimum Siting And Sizing Of Active Power Line Conditioners In Distribution System Using Differential Algorithm, Journal of Electrical Engineering, Vol 19, Edition 4, 2019, www.jee.ro
7. Flipped Classroom Using ICT Tools to Improve Outcome for the Course 'Soft Computing' - A Case Study, Journal of Engineering Education Transformations, Volume 32, Issue 2, October 2018




Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti Theni-625 531

CURRICULUM VITAE

Name : Dr.V.Prem Ananth
Address : 15th Ward, South Street
Devadanapatti-625602,TN.
Mobile No : 9442093694
Mail : premveerasinnan@gmail.com
Age & Date of Birth : 43, 17-07-1974
Marital Status : Married



EDUCATION:

- Doctor of Philosophy in Mechanical Engineering, Anna University, Chennai - 2016.
- Master of Engineering – Computer Aided Drafting and Manufacturing, Madurai Kamaraj University (**Mepco Schlenk Engineering College**), Madurai 2002.
- Bachelor of Technology – Production Engineering, Anna University (**Madras Institute of Technology**), Chennai, 1999.
- B.Sc., Madurai Kamaraj University, (**H.K.R.H. College**) Madurai, 1994.
- Diploma Industrial Safety, Indian Institute of Management & Technology, Chennai, 2004.

ACADEMIC EXPERIENCE (15 Years)

- Assistant Professor in Mechanical Engineering, University college of Engineering - Dindigul ,Anna University, September 2009 to till date.(15600-39100+AGP 6000 6th Pay)
- Assistant Professor in Mechanical Engineering, PSNA College of Engineering, Dindigul June 2009 to August 2009 (12000-420-18300 5th Pay)
- Senior Lecturer in Mechanical Engineering, PSNA College of Engineering, Dindigul, June 2008 to May 2009 (12000-420-18300 5th Pay)
- Lecturer in Mechanical Engineering, PSNA College of Engineering, Dindigul, April 2006 to May 2008 (12000-420-18300 5th Pay)



Mani
Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.

SEMINARS, CONFERENCES AND WORKSHOPS:

- Presented papers more than 10 National and International Conferences and Seminars.
- Organized 2 National and One International Level Conferences and Seminar.

INNOVATIONS AND CONTRIBUTIONS:

1. V.Prem Ananth, V. Selvakumar, "Guide for Motor Vehicle Inspector Exams – TNPSC", 2007, Sri Amman Publishers, Pollachi.
2. V.Prem Ananth, V. Saravanan, "Manufacturing Technology – I Lab Manual" (Anna University Syllabus – Regulation 2006 Annual Pattern)".

MEMBERSHIP IN PROFESSIONAL BODIES:

Life Member, Tribological Society Society India, Indian Oil Corporation Office, Secondarabath.

III (A) RESEARCH PUBLICATIONS (PAPERS)

III A) 1) Research Papers published in Refereed Journals (Annexure 1&2)

1. **Prem Ananth, V & Vasudevan, D** 2011, 'Recent trends on cutting parameters and surface quality in turning operations', Journal Manufacturing and Industrial Engineering, Issue 4, pp 56-58, ISSN: (Annexure - I). IF-2.3.
2. **Prem Ananth, V & Vasudevan,D** 2014,'Generating surface finishing through Hard turning of OHNS steel using ceramic inserts', International Journal of Technology Letters, (Proceedings of the International Conference on Advances in Tribology – ICAT14) pp 241-245.
3. **Prem Ananth, V & Vasudevan, D** 2015, 'Surface finish generated during hard turning of OHNS using ceramic inserts', International Journal of Applied Engineering Research (IJAER), Vol. 10, no. 1, pp. 221-229, ISSN: 0973-4562 (Annexure - II). I.F. 2.5.
4. **Prem Ananth, V & Vasudevan, D** 2015, 'Experimental analysis of surface roughness in hard turning of OHNS steel (0.85 - 1.40 %c and 1.10 - 1.35 mn) with



Hari

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D., 4 | Page

Principal

**Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.**

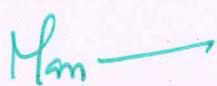
8. D. Anitha, and D Kavitha , (2019). KLSAS—An adaptive dynamic learning environment based on knowledge level and learning style. Computer Applications in Engineering Education, 27(2), 319-331 Impact factor: 1.79
9. Anitha, D., Jeyamala, C., & Kavitha. D. (2018). Assessing and Enhancing Creativity in a Laboratory Course with Project Based Learning. Journal of Engineering Education Transformations, 32(2), 2349-2473.
10. D.Kavitha, C.R.Raashmi, Economic and Emission Load Dispatch including Renewable Energy Resources,Journal of Electrical Engineering, Volume 18, 2018 Edition 2, www.jee.ro
11. D.Kavitha, V.Saranya, Optimal placement and sizing of active power line conditioners, The Journal of CPRI, Vol. 12, No. 1, March 2016,pp.73-82
12. D.Kavitha, K.Vidhyaa, Assessment of Power Quality Disturbances Using Artificial Neural Networks, International Journal of Applied Engineering Research (IJAER), Volume 10, Number 20 (2015) Special Issues, pp.18985-18990
13. D.Kavitha, P.Renuga, R.Divya, Optimal Placement of combined Distributed Generation and Capacitor for real power loss minimization in distribution network, International Journal of Applied Engineering Research (IJAER), Volume 10, Number 20 (2015) Special Issues,pp.18703-18708
14. Kavitha D., Renuga P., Suresh Kumar V. (2015) Artificial Neural Network and Fuzzy Logic Controlled Single Phase Active Power Line Conditioner Under Non Sinusoidal Supply Condition: A Comparison. In: Kamalakannan C., Suresh L., Dash S., Panigrahi B. (eds) Power Electronics and Renewable Energy Systems. Lecture Notes in Electrical Engineering, vol 326. Springer, New Delhi.
15. D.Kavitha, Dr.P.Renuga, S.Muthamil Priya, "Optimal sizing and placement of distributed generators in distorted distribution system by using hybrid GA-PSO", Journal of Theoretical and Applied Information Technology, vol61, no.3. March 2014
16. D.Kavitha, Dr.P.Renuga, M.Seetha Lakshmi,"Estimation of Interharmonics Using Exponential Wave Fitting Algorithm",International Journal of Scientific Engineering and Technology,vol.2, no.11,pp.1124-1127,Nov 2013
17. D.Kavitha,Dr.P.Renuga,S.Muthamil priya,S.Sadaipappan "Mitigation of Hamonics by Fuzzy logic controlled series compensator", International journal of Engineering Research, Vol.2,no.7,pp.442-445,Nov 2013
18. D.Kavitha, V.Suresh Kumar, P.Renuga, NSGA-II optimized Neural network controlled Active Power Line Conditioner under Nonsinusoidal conditions, International review of Electrical Engineering, oct 2011, Vol.6, No.5.
19. D.Kavitha, Modeling and simulation of series compensator to mitigate power quality problems, International Journal of Engineering science and technology, vol.2(12),2010
20. D.Kavitha, Harmonic Mitigation and Power Factor Improvement using Fuzzy Logic and Neural Network Controlled Active Power Filter , Journal of Electrical Engineering & Technology, Journal of KIEE., December 2008, Volume3 Number4 pp.520-528
21. D.Kavitha,Dr.P.Renuga,Jaishree, Poorani,Sowndharya, "Fuzzy based non sinusoidal power factor measurement", International Journal of Electrical Engineering, Vol 5,No 3,2012, pp 265-274

22. S Julius Fusic, M Rishwana, PRK Swathi Lakshmi, D Kavitha "Evaluation Method to Improve Standard Setting in Engineering Courses-A Study" in Journal of Engineering Education Transformation, Scopus indexed, Q4 journal, SJR index 0.11, Vol:33, 2020. DOI.No: 10.16920/jeet/2020/v33i0/150199.

Conferences

1. Anitha, D., & Kavitha, D. (2021). Is Long-Serving Teaching Experience a Barrier of Transformation in Online Teaching?—An Exploration. Journal of Engineering Education Transformations, 34, 201-205.




Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.

2. Kavitha, D., & Anitha, D. (2021). Measuring the effectiveness of Individual assessment methods in Collaborative/Cooperative activity in online teaching. Journal of Engineering Education Transformations, 34, 637-641.
3. R.Krishnavenishri, Kavitha D, Optimal PMU Placement in Smart Grid including the effects of Zero Injection Buses, International Conference on Automation, Signal Processing, Instrumentation and Control (iCASIC-2020), February 2020 at Vellore Institute of Technology
4. K.Pavithra, D.Kavitha ,Optimal planning of PV – Diesel hybrid systems, International Conference on Automation, Signal Processing, Instrumentation and Control (iCASIC-2020), February 2020 at Vellore Institute of Technology
5. Anitha D, Kavitha D, Rajan Prakash R, Charles Raja S, Identification of opinion difference in Teaching Learning Methods and recommendation to faculty, Seventh International Conference on Transformations in Engineering Education, January 2020
6. Prakash, R. Rajan, S. Charles Raja, D. Kavitha, and S. Baskar. "Enhanced Learning through Blended IC and DCN Strategies in C Programming for Non-Computer Science Students" Presented in Seventh International Conference on Transformations in Engineering Education, January 2020 & Published in Journal of Engineering Education Transformations, Vol.33, pp.541-544, 2020.
7. N.Meenakshi, D.Kavitha, "Optimized Self-Healing of Networked Microgrids using Differential Evolution Algorithm", 2018 National Power Engineering Conference (NPEC), IEEE 2018.
8. S. Vijayalakshmi ; D. Kavitha, "Optimal Placement of Phasor Measurement Units for Smart Grid Applications", 2018 National Power Engineering Conference (NPEC), IEEE 2018
9. Flipped Classroom Implementation using ICT tools to improve outcome for the course Soft computing - A Case study, Fifth International Conference on Transformations in Engineering Education, January 2018
10. Anitha D, Jeyamala C, Kavitha D, Assessing and Enhancing Creativity in a laboratory course with Project Based Learning, Fifth International Conference on Transformations in Engineering Education, January 2018
11. Dr. D. Kavitha, Raashmi Chellappan, Economic and Emission Load Dispatch Using Cuckoo Search Algorithm, IEEE Conference I-PACT 2017, VIT University
12. Dr. D.Kavitha, J.R.Thakshaayene, Unit Commitment Using Hybrid Genetic Algorithm with Differential Evolution, IEEE Conference I-PACT 2017, VIT University
13. D.Kavitha, D.Anitha, Project based learning using ICT tools to achieve outcomes for the course 'Microcontrollers based system design': A Case study, 4 th IEEE International Conference on MOOCs, Innovation & Technology in Education (MITE 2016)
14. D.Kavitha, M. Swathisiranjani, OPTIMAL PLACEMENT & SIZING OF DG AND CAPACITOR FOR MINIMIZATION OF POWER LOSS AND THD IN DISTORTED DISTRIBUTION SYSTEM,The International Conference on Energy, Environment and Engineering, ICEEE-2016-376
15. R.Divya, Dr.D.Kavitha, Dr.P.Renuga, Optimal Distributed Generation placement for real power loss minimization in distribution system, NPEC 2015, National Power Engineering Conference,TCE, Proceedings Pg 160-165
16. D.Kavitha, P.Renuga, R.Divya, Optimal Placement of combined Distributed Generation and Capacitor for real power loss minimization in distribution network, IEEE Sponsored 2nd International Conference on Innovations in Information, Embedded and Communication systems(ICIIIECS)2015.
17. D.Kavitha, K.Vidhyaa, Assessment of Power Quality Disturbances Using Artificial Neural Networks, IEEE Sponsored 2nd International Conference on Innovations in Information, Embedded and Communication Systems ICIIIECS'15
18. D. Kavitha, P. Renuga and M. Seetha Lakshmi, Detection of Power Quality Disturbances Based on Adaptive Neural Net and Shannon Entropy Method, Advances in intelligent systems and computing, Volume 324, 2015.(Proceedings of ICAEES 2014)
19. D.Kavitha, Dr.P.Renuga, M.Seetha Lakshmi, Optimal placement and sizing of active power line conditioners in distribution system, ICCPEIC 2014 IEEE, pp.106 -111.
20. Kavitha, D., P. Renuga, and S. Muthamil Priya. "Optimal placement and location of distributed generators in distorted distribution system." 2014 International Conference on Circuits, Power and Computing Technologies [COPCT-2014]. IEEE, 2014.



Nadar Saraswathi College of Engineering and Technology,
Vadapudupatti, Theni - 625 531

Department of Mechanical Engineering

New Scientific Creations in Engineering & Technology (ICNSCET 21)

VENUE - 1

Judge Name : Dr. V. Prem Ananth Assistant Professor, University College of Engineering, Dindigul

Google Meet Link - <https://meet.google.com/wgk-eflk-ix>

Sl. No.	ID-No	Main Author	Institute	Department	Title of the Paper	Whatsapp Number	Timing
1	ICNSCET21ME01	MR K MURALI	UNIVERSITY COLLEGE OF ENGINEERING, ARNI	MECHANICAL ENGINEERING	ABRASIVE WEAR OF EPOXY COMPOSITES FILLED BY ABRASIVE PARTICLES & REINFORCED BY GLASS FIBERS	8124684159	10 30am-10 40am
2	ICNSCET21ME02	MR M PARTHASARATHY	P A COLLEGE OF ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	DESIGN AND DEVELOPMENT OF AUTOMATIC FIRE FIGHTING ROBOT	8940884434	10 40am-10 50am
3	ICNSCET21ME03	MR K VIJAYAKUMAR	K. L. N COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	MECHANICAL PROPERTIES OF TREATED TAMARINDUS INDICA SEED AND TECTONA GRANDIS REINFORCEMENT EPOXY COMPOSITE MATERIAL	8036655441	10 50am-11 00am
4	ICNSCET21ME04	MR RAMAGANESH	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	MECHANICAL ENGINEERING	ANALYSIS OF AIR PASSENGERS WAITING TIME IN AIRPORT CHECK-IN COUNTERS	9790314100	11 00am-11 10am
5	ICNSCET21ME05	MR R ANBUSEL VANI	P. A. C. RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM	MECHANICAL ENGINEERING (R&A)	FABRICATION OF SPRAY TYPE AIR WASHER HUMIDIFIER	8610798061	11 10am - 11 20am
6	ICNSCET21ME06	MR C M ARUN KUMAR	UNIVERSITY COLLEGE PATTUKOTTAI	ECE	A SIMULATION STUDY ON PERFORMANCE EVALUATION OF SINGLE CHANNEL HEAT SINK USING NANOFLOUIDS FOR CHIP COOLING	7904230128	11 20am - 11 30am
7	ICNSCET21ME07	MR V KRANJITH KUMAR	P. A. C. RAMASAMY RAJA POLYTECHNIC COLLEGE	MECHANICAL ENGINEERING	AUTOMATIC WALL CLIMBING ROBOT	9524978688	11 50am - 12 00Noon
8	ICNSCET21ME08	MR P VETRIVEZHAN	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, RAMAPURAM CAMPUS	MECHANICAL ENGINEERING	FABRICATION AND ANALYSIS OF LOW COST CERAMIC FOAM USING COAL FLYASH	9942592370	12 00Noon - 12 10pm
9	ICNSCET21ME09	MR R HARIHARA SUTHAN	P. A. C. RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM	MECHANICAL ENGINEERING (R&A)	ANALYSING THE PERFORMANCE OF NANO SILVER FILTER USED IN AIR DISTRIBUTION SYSTEM	6381816137	12 10pm - 12 20pm
10	ICNSCET21ME10	MR V HARIPRASATH	CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, RAMAPURAM CAMPUS	MECHANICAL ENGINEERING	COMPUTATIONAL FLUID DYNAMICS ANALYSIS ON TRIPLE TUBE HEAT EXCHANGER USING AQUEOUS MWNT NANOFLOUIDS	9994184219	12 20pm - 12 30pm
11	ICNSCET21ME11	P V ARUNRAJ	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, RAMAPURAM CAMPUS	MECHANICAL ENGINEERING	DESIGN OF AUTOMATED MANUFACTURING AND DELIVERY SYSTEM THE HELP OF IOT	9942921437	12 30pm-12 40pm
12	ICNSCET21ME12	MR M PARTHASARATHY	P.A.COLLEGE OF ENGINEERING AND TECHNOLOGY, POLLACHI-H. P.A.COLLEGE OF ENGINEERING AND TECHNOLOGY, POLLACHI-H.	MECHANICAL ENGINEERING	DESIGN AND FABRICATION OF ADVANCED MENU SERVING SYSTEM	7010814932	12 40pm-12 50pm
13	ICNSCET21ME13	MR M PARTHASARATHY	P.A.COLLEGE OF ENGINEERING AND TECHNOLOGY, POLLACHI-H. 642002,TAMILNADU	MECHANICAL ENGINEERING	DESIGN AND FABRICATION OF SOLAR PESTICIDE SPRAYER	9985218134	12 50pm-1 00pm
14	ICNSCET21ME14	MR U UMAR FAROOK	P. A. COLLEGE OF ENGINEERING, RAJAPALAYAM	MECHANICAL ENGINEERING (R&A)	EVALUATING THE PERFORMANCE OF ICE RINK REFRIGERATION SYSTEM USING CARBON DIOXIDE REFRIGERANT	6383356318	01 50pm-02 00pm
15	ICNSCET21ME15	MR M PARTHASARATHY	P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	DESIGN AND DEVELOPMENT OF SOLAR BASED GRASS CUTTING MACHINE	8626559933	02 00pm-02 10pm
16	ICNSCET21ME16	MR. RAMDAS E R	KELAPPALI COLLEGE OF AGRICULTURAL ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	SURFACE ROUGHNESS PREDICTION FOR CYLINDRICAL GRINDING PROCESS USING REGRESSION AND ARTIFICIAL NEURAL MODEL	9895460639	02 10pm-02 20pm
17	ICNSCET21ME17	MR G KARTHIK	P. A. C. RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM	MECHANICAL ENGINEERING (R&A)	FABRICATION OF MINI COLD STORE FOR FOOD PRESERVATION	8940735771	02 20pm-02 30pm

Jan -

Dr. C. MATHALAI SUNDARAM, M.E,M.B.A,Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531



THENI MELAPETTAI HINDU NADARGAL URAVINMURAI



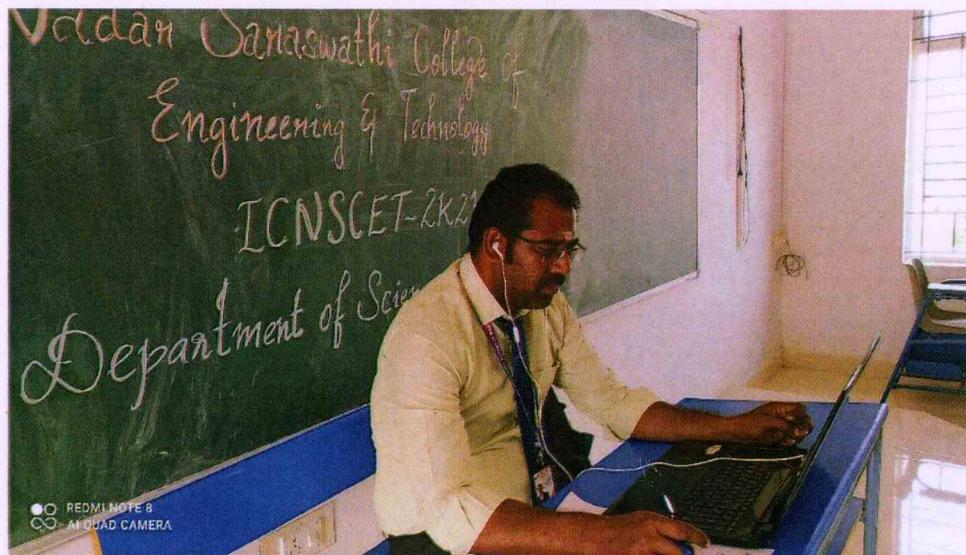
NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



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

ISO 9001 : 2015 Certified Institution

Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.



Dr. David Mathan, Prof / Chemistry, acting as Internal Paper presentation Evaluator on 19.03.2021 from Nadar Saraswathi College of Engineering and Technology, Theni.



Dr. Siva Kandhan, Prof / MECH, acting as Internal Paper presentation Evaluator on 19.03.2021 from Nadar Saraswathi College of Engineering and Technology, Theni.



Mani →

Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.

18	ICNSCET21ME13S	MIR A MUHAMMED FAROOQ	PA COLLEGE OF ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	EXPERIMENTAL INVESTIGATION AND ANALYSIS OF DRILLING PARAMETERS OF METAL MATRIX (UUTB) COMPOSITES	9894377085	02.23pm-02.30pm
9	ICNSCET21ME15s	DR R ANNAVAHAGAN	VEL TECH HIGH TECH DR RANGARAJAN DR SAKUNTHALA ENGINEERING COLLEGE, CHENNAI, TAMIL NADU, INDIA	MECHANICAL ENGINEERING	DESIGN AND ANALYSIS OF OVERRIDE GEAR USING BACKSTOPPER	9894555506	02.30pm - 02.40pm
20	ICNSCET21ME17	DR V SATHYAMOORTHY	KSRM COLLEGE OF ENGINEERING, KADAPA, A.P., INDIA,	MECHANICAL ENGINEERING	DESIGN AND FABRICATION OF PICK AND PLACE ROBOT CONTROLLED BY ANDROID APPLICATION	9894555506	02.40pm-02.50pm
21	ICNSCET21ME18	DR V SATHYAMOORTHY	KSRM COLLEGE OF ENGINEERING, KADAPA, A.P., INDIA,	MECHANICAL ENGINEERING	EXPERIMENTAL INVESTIGATION ON ALUMINIUM METAL MATRIX COMPOSITE	9894555506	02.50pm-03.00pm
22	ICNSCET21ME39	MR I SIVAGERTHI	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION KRISHNANKoil-636126	MECHANICAL ENGINEERING	ASWARA METHOD TO ANALYZE THE RISKS IN COAL SUPPLY CHAIN MANAGEMENT	9976529161	03.00pm-03.10pm
23	ICNSCET21ME40	MR S R VIJAYAKUMAR	MUTHAYAMMAL ENGINEERING COLLEGE	MECHANICAL ENGINEERING	ANALYSIS ON FRICTION STIR WELDED 6082 & 8011 AL ALLOYS	9962514362	03.10pm-03.20pm
24	ICNSCET21ME41	MR L VADIVEL KANNAN	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY, INDIGUL	MECHANICAL ENGINEERING	EFFECT ON MECHANICAL PROPERTIES OF RED MUD PARTICLE REINFORCED - EPOXY COMPOSITES	9965335859	03.40pm-03.50pm
25	ICNSCET21ME42	DR S BALAMURUGAN	DEPARTMENT OF MECHANICAL ENGINEERING, MAHEENDRA COLLEGE OF ENGINEERING, SALEM, T.N. INDIA	MECHANICAL ENGINEERING	RECENT TRENDS IN COMPOSITE MATERIALS	9894555506	03.50pm-4.00pm

Han



Dr. C. MATHAI SUNDARAM, M.E., M.B.A., Ph.D.
Principal
Nadar Sarawathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



Nadar Saraswathi College of Engineering and Technology,
Vadapudupatti, Theni - 625 531

Department of Mechanical Engineering
Department of Mechanical Engineering

New Scientific Creations in Engineering & Technology (ICNSCET 21)

VENUE - 2

Judge Name : Dr.C.Sivakanthan, Professor, Nadar Saraswathi College of Engineering & Technology, Theni

Google Meet Link - <https://meet.google.com/qom-izpq-djn>

Sl. No.	ID-No	Main Author	Institute	Department	Title of the Paper	Whatsapp Number	Timing
1	ICNSCET21ME18	MR A. MOHAMED KASIM	P.A.C RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM	MECHANICAL ENGINEERING (R&A)	DESIGN THE AIR DISTRIBUTION SYSTEM FOR A COMPUTER LABORATORY BY USING VELOCITY REDUCTION METHOD AND EQUAL FRICTION METHOD	8778079298	10.30am-10.40am
2	ICNSCET21ME19	MR R MOHAMED ASLAM	P.A.C RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM	MECHANICAL ENGINEERING(R&A)	DESIGN THE COMPONENTS OF AN ICE BAR MAKING REFRIGERATION SYSTEM	8946060843	10.40am-10.50am
3	ICNSCET21ME20	MR M. MUTHUPANDI RAJA	P.A.C RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM	MECHANICAL ENGINEERING (R&A)	FABRICATION OF AIR COOLER CUM HUMIDIFIER EQUIPPED WITH CHILLER SYSTEM	9361532292	10.50am-11.00am
4	ICNSCET21ME21	I RAJKUMAR	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	MECHANICAL ENGINEERING	THE IMPACT OF PARAMETERS ON MODERN INVESTMENT CASTINGS TECHNIQUES. AN OVERVIEW	7598356941	11.00am -11.10am
5	ICNSCET21ME22	MR RAJKUMAR	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	WELDING AND ANALYSIS OF DISSIMILAR MET AL'S SA387 AND SS304	9994145901	11.10am -11.20am
6	ICNSCET21ME23	MR P VASANTHKUMAR	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, RAMAPURAM	MECHANICAL ENGINEERING	FABRICATION AND INVESTIGATION OF COLD THERMAL ENERGY SYSTEM USING HYDRATED SALTS	9677695005	11.20am - 11.30am
7	ICNSCET21ME24	MR E SIVAPRAKASH	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	PERFORMANCE ANALYSIS OF ASYMMETRIC COMPOUND PARABOLIC CONCENTRATOR	9488292742	11.50am - 12.00noon
8	ICNSCET21ME25	MANOJ PRABHAKAR K	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	MECHANICAL ENGINEERING	REVIEW ON IMPLEMENTATION OF CELLULAR MANUFACTURING SYSTEMS DESIGN IN PRODUCTION INDUSTRIES	9047694647	12.00Noon - 12.10pm
9	ICNSCET21ME26	MR S.R.VIJAYAKUMAR	MUTHAYAMMAL ENGINEERING COLLEGE	MECHANICAL ENGINEERING DEPARTMENT	EVALUATION AND SELECTION OF PROJECTS USING HYBRID MCDM TECHNIQUE UNDER FUZZY ENVIRONMENT BASED ON FINANCIAL FACTORS	9962514362	12.10pm - 12.20pm
10	ICNSCET21ME27	MK MADUGULA BALACHANDI	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH	MECHATRONICS ENGINEERING	IOT BASED AGRICULTURE ROBOT USING NEURAL NETWORKS	9381813207	12.20pm - 12.30pm
11	ICNSCET21ME28	DEEYACHANDRAN M	K.L.N.COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	EXPERIMENTAL INVESTIGATION OF ABS BASED POLYMER COMPOSITE MATERIAL	7022418374	12.30pm-12.40pm
12	ICNSCET21ME29	MR M CHANDRASEKAR	CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY	MECHANICAL ENGINEERING	THERMAL PERFORMANCE OPTIMIZATION OF DOUBLE HELICALLY COILED TUBE HEAT EXCHANGER USING MWCNT/WATER-BASED NANOFLOIDS	9943722170	12.40pm-12.50pm
13	ICNSCET21ME30	MR T VIJAYA KARUPPASAMY	P.A.CRAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM	MECHANICAL ENGINEERING (R&A)	ANALYSE THE PERFORMANCE OF HYDRO CARBON (LPG) USED IN REFRIGERATION SYSTEM	8778473757	12.50pm-01.00pm
14	ICNSCET21ME31	MR A AJITHRAM	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	MECHANICAL ENGINEERING	INVESTIGATION OF WATER, CHEMICAL, AND MECHANICAL PROPERTIES OF AQUATIC WATER HYACINTH PLANT INTO COMMERCIAL APPLICATIONS	8675530044	01.40pm-01.50pm
15	ICNSCET21ME32	MR VIVEKSHI KUMAR S	R.Y.M.E.C. BELLARY	TERMAL POWER ENGINEERING	PERFORMANCE OF NEW DYES ALONG WITH SOME SEMI CONDUCTIVE OXIDES AND ANALYSIS OF THE SAME	9986785775	01.50pm-02.00pm
16	ICNSCET21ME33	MR R MOHAMMED JAROOQ	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	EFFECT OF TiB ADDITION ON CORROSION BEHAVIOR OF TITANIUM COMPOSITES UNDER NEUTRAL CHLORIDE SOLUTION	8675889795	02.00pm-02.10pm
17	ICNSCET21ME34	DR S PALANI	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE, CHENNAI, TN,INDIA	MECHANICAL ENGINEERING	ANALYSIS OF ECONOMISER FOR TWO WHEELERS	9894555506	02.10pm-02.20pm



From ->

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D., Principal
Nadar Saraswathi College of Engineering and Technology
Vadapudupatti, Theni-625 531



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ABSTRACT

Total Participate Count

Participates Count		Total
Internal	External	
09	19	28

External Participate List :

S.No	College Name	Number of Authors
1	MEPCO Schlenk Engineering College, Sivakasi	3
2	MEPCO Schlenk Engineering College, Sivakasi	3
3	Kirupananda Variyar Engineering College, Salem, Tamil Nadu, India	2
4	University College of Engineering, Pattukkottai,	2
5	University College of Engineering, Pattukkottai,	2
6	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	6
7	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	5
8	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	5
9	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	5
10	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	5
11	SSM Institute Of Engineering And Technology, Dindigul	6
12	SSM Institute Of Engineering And Technology, Dindigul	4
13	Sree Sowdambika College of Engineering, Aruppukottai	3
14	Sree Sowdambika College of Engineering, Aruppukottai	3
15	Theni Kammavar Sangam College of Technology, Theni	5
16	Theni Kammavar Sangam College of Technology, Theni	5
17	Theni Kammavar Sangam College of Technology, Theni	5
18	Theni Kammavar Sangam College of Technology, Theni	4
19	Solamalai College of Engineering, Madurai.	4

Internal Participate List:

S.No	College Name	Number of Authors
1	Nadar Saraswathi College of Engineering and Technology	6
2	Nadar Saraswathi College of Engineering and Technology	6
3	Nadar Saraswathi College of Engineering and Technology	6
4	Nadar Saraswathi College of Engineering and Technology	6
5	Nadar Saraswathi College of Engineering and Technology	6
6	Nadar Saraswathi College of Engineering and Technology	6
7	Nadar Saraswathi College of Engineering and Technology	5
8	Nadar Saraswathi College of Engineering and Technology	5
9	Nadar Saraswathi College of Engineering and Technology	5



THENI MELAPETTAI HINDU NADARGAL URAVINMURAI



NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.

Date: 19.03.2021

To

Dr. Xiao – Zhi-Gao
Professor,
University of Eastern Finland,
Finland.

Dear Sir,

Sub: Thanks Letter – Reg.

With Great Pleasure, on behalf of Nadar Saraswathi College of Engineering and Technology, Theni. We express our sincere gratitude for felicitate the program by delivering an expert talk on “3RD International Conference (Virtual Mode) on New Scientific Creations in Engineering and Technology ICNSCET ‘2K21 on 19.03.2021. Your Presence makes the event a great success, we really grateful for your kind expecting the same for the upcoming years.

Thank you,

With regards,

19/03/21
Principal

Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal

Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni - 625531



Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.

Date: 19.03.2021

To

Dr. Sajal Chandra Banik,
Professor, Department of Mechanical Engineering,
Chittagong University of Engineering and Technology,
Bangladesh.

Dear Sir,

Sub: Thanks Letter – Reg.

With Great Pleasure, on behalf of Nadar Saraswathi College of Engineering and Technology, Theni. We express our sincere gratitude for felicitate the program by delivering an expert talk on "3RD International Conference (Virtual Mode) on New Scientific Creations in Engineering and Technology ICNSCET '2K21 on 19.03.2021. Your Presence makes the event a great success, we really grateful for your kind expecting the same for the upcoming years.

Thank you,

With regards,

19/03/21
Principal

Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal

Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni - 625531



Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.

Timestamp	Name	Phone number	Profession	Information provided at this event is relevant to you	You are likely to use this information in future	Resource provided at this event is relevant to you	Presentations were interesting to you	You would recommend this event to others	Facilities provided	Overall the event was worthwhile
19-03-2021 23:57:38	Gladys Evangelin	9384749798	Student	5	3	4	4	5	4	4
19-03-2021 20:51:13	Ch .kishorekumar	9159989767	Student	4	4	4	3	3	3	4
19-03-2021 19:47:43	M.Kesavavardhini	9566335410	Student	4	3	3	3	4	3	4
19-03-2021 21:56:00	B. Krishna veni	9710728061	Student	4	3	3	3	4	3	4
19-03-2021 17:05:29	S.Nivetha	7397667234	Student	4	5	5	3	4	3	5
19-03-2021 18:32:26	L.MONIKA	8608081204	Student	3	3	4	4	3	3	4
19-03-2021 22:12:40	B.Abiram	8098789597	Student	4	3	3	5	4	3	4
19-03-2021 20:20:26	Kalarani M	9597232648	Student	5	5	5	3	4	3	5
19-03-2021 22:43:07	A.S.Keraina	7502398999	Student	3	3	3	4	3	3	4
19-03-2021 23:01:30	ARUNA A	8807075859	Student	4	3	4	5	3	3	5
19-03-2021 17:30:56	Asmitha M	9361738507	Student	4	5	3	4	4	3	5
19-03-2021 17:47:04	Mrs. B.FATHIMA	9087057631	Student	4	3	3	4	4	5	3
19-03-2021 17:01:58	JOSEPIN PRASANNA,	9894308044	Student	4	5	5	5	5	3	5
19-03-2021 23:33:23	Vinoth	9245293669	Student	4	5	5	3	3	3	5
19-03-2021 21:03:46	Deepa Shri	7358863636	Student	5	4	4	5	4	4	5
19-03-2021 19:30:25	M.Arun	8124460406	Student	4	3	3	3	4	5	3
19-03-2021 17:35:20	P.Murugeshwari	9361738507	Student	5	4	3	4	3	5	4
19-03-2021 21:39:15	Geetha Shree	9344785420	Student	3	5	5	4	3	3	5
19-03-2021 17:20:29	Gracious Baby	9003937065	Student	5	3	3	3	5	3	5
19-03-2021 18:58:12	Shalini	8072515585	Student	5	4	5	5	3	3	5
19-03-2021 21:20:52	Divya Preetha	7373760291	Student	3	4	4	3	5	3	3
19-03-2021 20:49:34	M.Vaishnavi	9715291699	Student	3	4	5	4	3	5	5
19-03-2021 19:36:30	Saranya	6374804506	Student	4	3	4	5	3	5	5
19-03-2021 22:11:48	Akash Varma	7708694584	Student	4	3	5	5	3	4	4
19-03-2021 23:44:35	Sharan	9486973014	Student	4	5	3	4	4	3	3
19-03-2021 19:55:30	Thinesh kumar S	6380642288	Student	4	5	4	5	3	5	3

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531



19-03-2021 23:24:52	Parthiban K	7871704456	Student	4	5	3	3	4	3
19-03-2021 17:51:43	Mareeswaran J	7418101718	Student	5	5	5	3	4	3
19-03-2021 22:11:10	Hemalatha R	8610222095	Student	3	4	3	4	5	4
19-03-2021 21:07:00	NaganandhiniN	7092649399	Student	3	5	3	3	5	4
19-03-2021 23:42:04	Kalaivani M	75022285222	Student	5	3	3	5	3	4
19-03-2021 20:03:02	Muthuishwarya M	7200918374	Student	4	4	4	3	5	4
19-03-2021 21:06:32	Kasi vishalatchi M	9629088748	Student	4	4	5	3	4	5
19-03-2021 18:10:04	Ambika M	7548876478	Student	4	5	3	3	4	5
19-03-2021 20:31:43	Shanmugapriya R	9500639290	Student	5	5	4	3	5	5
19-03-2021 22:46:59	Saranya devi M	6369611465	Student	3	4	5	3	5	3
19-03-2021 19:45:02	Selvaramalingam	8608600155	Student	3	5	4	3	4	3
19-03-2021 20:54:41	Thalakku	7530059509	Student	5	4	3	5	5	5
19-03-2021 23:39:20	Vijaya kumar R	9025175181	Student	5	5	5	5	5	3
19-03-2021 19:51:01	M. Hemalatha	7200725689	Student	3	5	3	4	4	4
19-03-2021 19:16:00	R.Subramaniyam	97787866465	Student	5	3	4	4	4	4
19-03-2021 17:58:51	S.Priyanka	9715660934	Student	3	5	5	3	5	5
19-03-2021 22:27:01	Vasantha	9842295735	Student	3	3	4	4	3	3
19-03-2021 23:09:28	R.Sangeetha	9677406940	Student	3	5	5	4	4	5
19-03-2021 19:21:56	I.K.S. V.Mahathi	9894816181	Student	5	3	4	5	5	5
19-03-2021 22:34:49	M. Leelavathi	8124810525	Student	3	4	4	3	4	3
19-03-2021 22:11:32	M.Revathi	9976412468	Student	5	5	3	3	4	4
19-03-2021 17:26:30	Kumar	7871318694	Student	3	3	4	3	4	4
19-03-2021 20:02:31	A.Rubithra	9944508537	Student	4	5	4	5	4	3
19-03-2021 21:07:39	Mrs. M. Sheela	8678925269	Student	5	4	4	4	5	3
19-03-2021 17:03:18	Jaya Priya.A	9894367515	Student	3	4	4	4	3	3
19-03-2021 22:01:57	Roja K	6381989857	Student	4	5	3	3	4	4
19-03-2021 20:48:05	MANJULAV	9566585541	Student	4	5	3	3	4	5
19-03-2021 21:16:12	Nandhitha	7871318694	Student	3	5	3	5	5	4
19-03-2021 22:33:59	Karthika	9894819149	Student	5	4	4	3	3	4
19-03-2021 19:48:46	B.N.Amrutha	6382953759	Student	5	4	5	5	5	5
19-03-2021 17:54:20	Marla Joseph	9442878190	Student	5	4	5	5	5	3
19-03-2021 18:49:57	RAMAPRIYADH	9360039746	Student	4	5	3	4	4	3
19-03-2021 19:06:15	ARSHINI R	9944890563	Student	4	5	3	5	3	5

Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.



Han

19-03-2021 17:32:25	PriyaM	9894933543	Student	3	5	4	5	3	4	3
19-03-2021 21:22:06	Nithya T	9003848247	Student	3	3	3	3	3	4	4

Nam

Dr. C. MATHALAI SUNDARAM, M.E.,M.R.A.,Ph.D.
Principal
Nadar Saraswathi College of
Engineering and Technology
Vadapudupatti, Theni-625 531.

