



NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY

APPROVED BY AICTE, NEW DELHI & AFFILIATED TO AIHHA UNIVERSITY, CHELIAH
VADAPUDUPATTI, AIHHAH (P.O) - THEH-625531



The Students and Faculties cordially invite you
for a

Research Exhibition

"tEXPO
2022"

CHIEF GUEST

DR.C.MATHALAI SUNDARAM,M.E., M.B.A.,PH.D.,MISTE.,
PRINCIPAL,NSCET

N.MATHAVAN,M.E.,M.B.A.,MISTE.,(PH.D.,)
VICE PRINCIPAL,NSCET

Organized by

Final Year Students & ECHELONZ ASSOCIATION by department of ECE

TO BE HELD ON	TIME	VENUE
25.11.2022	02.00,PM TO 03.00 PM	CLASS ROOM NO 5

WITH WARM REGARDS

J. JEYA SHEELAN
PRESIDENT
IV-ECE
ECHELONZ ASSOCIATION

S. RITHIGA
VICE PRESIDENT
IV-ECE
ECHELONZ ASSOCIATION

R. NIVETHA
SECRETARY
III-ECE
ECHELONZ ASSOCIATION

K. THENMOZHI
JOIN SECRETARY
II-ECE
ECHELONZ ASSOCIATION

EVENT ORGANIZER

M. ARIVALAGAN, M. TECH .,(PH.D .),
HEAD INCHARGE,ECE,NSCET

T. TAMILSELVI, M. TECH .,
ASSISTANT PROFESSOR,ECE,NSCET

--- AGENDA ---

INVOCATION

WELCOME ADDRESS

PROJECT DISPLAY

VOTE OF THANKS



EVENT ORGANIZATION MEMBERS

B. SURENDRAN
IV-ECE

K. ROHITHARAM

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.

Cir. No: NSCET/Cir/2022-23/R & D-003

Date: 22.11.2022

Circular

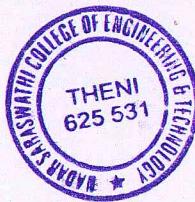
We are delighted to announce that our college is organizing a **Research Exhibition TEXPO-22** scheduled to take place on **25.11.2022**. This event promises to be an enriching experience, offering **Showcase of research projects, interdisciplinary presentations, networking opportunities**. We strongly 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.

Hari 22/11/22
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
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Vadapudupatti, Theni-625 531.

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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: 20.11.2022

To

Mr.N.Mathavan,M.E., MBA.,MISTE.,(Ph.D)..,
Vice Principal,
NSCET.

Sir

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

Nadar Saraswathi College of Engineering and Technology is organizing "Research Exhibition TEXPO-22" on 25.11.2022. In this regard we request you to felicitate the program by delivering an expert talk as mentioned below.

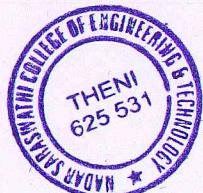
S. No.	Date	Time	Topic
1	25.11.2022	02.00 PM-03.00 PM	"Research Exhibition TEXPO-22"

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



Principal

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





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THENI MELAPETTAI HINDU NADARGAL URAVINMURAI



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

Date: 25.11.2022

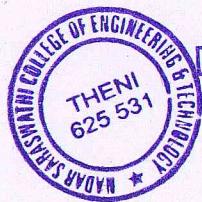
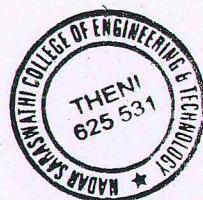
CERTIFICATE OF APPRECIATION

Mr.N.Mathavan, M.E., MBA., MISTE.,(Ph.D.),
Vice Principal,
NSCET.

In appreciation of notable contribution as a resource person for "Research Exhibition **TEXPO-22**" organized by department of Mechanical Engineering held on 25.11.2022 at Nadar Saraswathi College of Engineering and Technology.

Hari 25/11/22
Principal

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



Hari
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Vadapudupatti, Theni-625 531,

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

Designation: Professor& Principal

Department: MECHANICAL ENGINEERING

Email.id: principal@nscet.org

Contact: +91 94434 88999, +91 98426 85138



EDUCATION:

- Ph.D. in Mechanical Engineering (Specialization area is Composite Tool Materials), Anna University, 2011-2017.
- M.E. in Manufacturing Engineering, Anna University of Technology, Trichy, 2008-2010.
- M.B.A in Production Engineering, Madurai Kamaraj University, 2002-2004.
- B.E in Mechanical Engineering, Madras University, 1996-2000.

EXPERIENCE:

- Working as Professor& Principal of Nadar Saraswathi College of Engineering and Technology from June 2017 onwards.
- Worked as Professor and Vice Principal in Nadar Saraswathi College of Engineering and Technology for Four Years.
- Worked as Assistant Professor in Bharath Niketan Engineering College for Two Years.
- Worked as Assistant Professor, Associate Professor in Nadar Saraswathi College of Engineering & Technology for Three Years.
- Worked as Lecturer, Senior Lecturer & Head of the Department in Sri Sowdambika Polytechnic College, Arasan Ganesan Polytechnic College, and VSVN Polytechnic College for more than Eight Years.

RESEARCH CONTRIBUTION - LIST OF PUBLICATIONS:

- C. MathalaiSundaram, R.Sivasubramanian, M.Sivakumar, 2008, 'Development of new metal matrix composite electrodes for electrical discharge machining through powder metallurgy process' Carbon – Science and Technology, International Journal, Vol. 6, No.4, pp. 34-40. ISSN 0974-0546.
- C.MathalaiSundaram, R.Sivasubramanian, M.Sivakumar, 2014, 'Multifarious Response Optimization For EDM By CU/WC Electrode Using Grey Analysis', International Journal of Engineering Research and Technology, Vol. 9, No. 24, pp. 28093-28099.ISSN 0973-4562.
- C.MathalaiSundaram, R.Sivasubramanian, M.Sivakumar, 2013, An Experimental Investigation on Machining Parameters of Electrical Discharge Machining of OHNS Steel, International Journal of Printing, Packaging & Allied Sciences, Vol. 2(12), pp.3392- 3398. ISSN 2278 - 0181.
- A.VembathuRajesh, C. MathalaiSundaram, V.Sivaganesan, B.Nagarajan, M.Pradeep, 2015, Design fabrication and performance analysis of concave solar still International Journal of Emerging Technology and Innovative Engineering, Vol. I, ISSN: 2394 - 6598.
- S.Ramu, S.Arumpandian, T.Muthuramalingam, C.MathalaiSundaram, 2015, Experimental investigation of mechanical properties in hybrid natural fiber, International Journal of Emerging Technology and Innovative Engineering, Vol.I, ISSN: 2394 - 6598.



Mani
Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
Principal
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- N.EswaraPrasath, S.Shanmugam, C.MathalaiSundaram, A.VembathuRajesh, 2015,'Development of three axes lifting modern trailer', International Journal of Emerging Technology and Innovative Engineering, Vol.I, ISSN: 2394 – 6598.
- MathalaiSundaram C, Sivasubramanian R, Chandrasekaran K, 2016, Experimental investigations of new powder Metallurgy electrode in electrical discharge Machining of OHNS using Taguchi method', International Journal of Advanced Engineering Technology, Vol. VII/559-564 E-ISSN 0976-3945.
- A.Vembathurajesh, C.MathalaiSundaram, V.Sivaganesan, B.Nagarajan&R.Radhakrishnan, 2015 'Design Fabrication And Performance Analysis of Concave Basin Pyramid Type Solar Still With Various Parameters', International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 15.
- T.Vivekanandan, R.Arunkumar, V.Saravanan Kumar, B.Nagarajan&C.MathalaiSundaram, 2015, 'Experimental Investigation of Sic & Tic Reinforced With Aa7075 Metal Matrix Composites', International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 15.
- C.MathalaiSundaram, R.Sivasubramanian, M.Sivakumar, 2015, Experimental Study On OHNS in EDM Using Cu/Tic Electrode International Journal Of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 15.
- C.MathalaiSundaram,EswaraPrasath, Benham, Sivakumar, 2018, A New Grouping Method in Selective Assembly for Minimizing Clearance Variation using TLBO, Applied Mathematics and Information Sciences, ISSN 1935-0090.
- C.MathalaiSundaram, R. Sivasubramainyan, M. Sivakumar, Malaichamy T 2016, Simulated Annealing Algorithm for Minimizing the surplus parts in Selective Assembly –A Software Approach, Asian Journal of Research in Social Sciences and Humanities, Volume.6, No.9, September 2016, pp 1567-1586, ISSN 2249-7315.
- SR Mathalai Sundaram C Experimental Investigations Of New Powder Metallurgy Electrode In Electrical Discharge Machining Of Ohns Using Taguchi Method, International Journal of Advanced Engineering Technology 7 (1), 559-564 , 2016
- BR Krishnan, CM Sundaram, A Vembathurajesh , Review of Surface Roughness Prediction in Cylindrical Grinding process by using RSM and ANN International Journal of Recent Trends in Engineering and Research 4 (12), 2018
- M Sundaram, KN Balan, T Arunkumar, S Ganesan, A Rameshbabu Emission study on the outcome of DMC on neem bio-diesel-ignited diesel engine Energy Sources, Part A Recover. Util. Environ. Eff., 1-10 ,2019
- M Sundaram, S Kalpana, V Sivaganesan, E Nandhakumar , Studies on the catalytic activity of CuO/TiO₂/ZnO ternary nanocomposites prepared via one step hydrothermal green approach Materials Research Express 6 (12), 125043 ,2019.
- AV Rajan, CM Sundaram, AV Rajesh, Mechanical and morphological investigation of bio-degradable magnesium AZ31 alloy for an orthopedic application, Materials Today: Proceedings 21, 272-277, 2020.
- AV Rajesh, CM Sundaram, V Sivaganesan, B Nagarajan, S Harikishore , Emission reduction techniques in CI engine with catalytic converter, Materials Today: Proceedings 21, 98-103,2020
- MS Chandra Sekar, VR Ananthan, N Baskaran, HK Suresh Kumar, Combustion, performance, and emission study on the octanol-neem biodiesel blends fueled diesel engine, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 1-13, 2020.
- CM Sundaram, AV Rajesh, V Sivaganesan , Influence of NiO nano-flakes dispersion on the viscosity of lubricating oil, Bulletin of the Chemical Society of Ethiopia 34 (1), 203-214,2020.



Mam →
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- C Mathalai Sundaram, B Radha Krishnan, S Harikishore, V Vijayan ,Wear behavior of B4C reinforced Al 6063 matrix composite electrodes fabricated by stir casting method, Transactions of the Canadian Society for Mechanical Engineering 45 (2), 199-210,2020
- RK Beemaraj, MS Chandra Sekar, V Vijayan , Computer vision measurement and optimization of surface roughness using soft computing approaches, Transactions of the Institute of Measurement and Control 42 (13), 2475-2481,2020
- B Veluchamy, N Karthikeyan, BR Krishnan, CM Sundaram ,Surface roughness accuracy prediction in turning of Al7075 by adaptive neuro-fuzzy inference system ,Materials Today: Proceedings 37, 1356-1358,2021
- MK Rahiman, R Vellaichamy, T Nagaraj, CM Sundaram, BR Krishnan ,Optimization of process parameter in Electrical Discharge Machining process via Taguchi method, Materials Today: Proceedings 69, 1351-1354,2022
- Mani prathap, shanmugavel rajesh, marimuthu udhayakumar, chandrasekar, mathalaisundaram Experimental Investigation on Bio- Machining of Nickel Titanium and Nitinol (Shape Memory Alloys) Using Acidithiobacillus ferrooxidans Microorganisms Journal of composites science 20 June 2023

PATENT:

- Title of Invention :Automation in Portable Oil Seal Assembly Machine
Patent Application No: 201741002053 A
Date of filing Application: 19.01.2017
Publication Date: 03.02.2017
International Classification: F15B 21/00
- Title of Invention : Flower garland making machine
Patent Application No: 202241049104A

MEMBERSHIP IN PROFESSIONAL BODIES:

- ISTE LIFE MEMBER – LM 68577
- Member of Society of Mechanical Engineers
- Professional membership in Society of Automotive Engineers
- Life Time Membership in International Association of Engineers

CERTIFICATION:

- Certified and honored with Membership of MAX Academy for Excellency, Chennai.
- Recognized as Empanelled Service provider to Install Rain Water Harvesting Structures by TWAD board.

CONFERENCE –INTERNATIONAL LEVEL:

- Presented a Paper in International Conference, titled “Nanorobot Architecture for medical Target Identification” in SCITECH’11 at Nadar Saraswathi College of Arts & Science on 21st January 2011.
- Presented & Published a Paper in International Conference, titled “An Experimental Investigation on Machining Parameters of Electrical Discharge Machining for OHNS steel” in INCAMA 2013 at Kalasalingam University on 28-30, March 2013.
- Presented a Paper in International Conference on “Advanced Design and Manufacturing” organized by Department of Mechanical Engineering, Sethu Institute of Technology on 17th& 18th March 2014.



M
Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
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- Presented a Paper in International Conference on Green Energy & Green Environment, titled "Designing Fabricating & Performance Analysis of Concave Basin Pyramid Type Solar Still" in SciTech'15 at Nadar Saraswathi College of Arts & Science on 21st Jan, 2015.
- Presented a Paper in International Conference on Emerging Trends in Engineering (ICETET'18), titled "Development of Biodegradable Magnesium AZ31 Alloy for an Orthopedic Application" at Pandian Saraswathi Yadav Engineering College on 10th& 11th March 2017.
- Presented a Paper in International Conference on Futuristic Innovation in Mechanical Engineering and Manufacturing Management (ICFMEMM-17), titled "Fabrication of Biodegradable Magnesium AZ91 Powder Metallurgy Technique" at M. Kumarasamy College of Engineering on 30th& 31st Mar 2017.
- Presented a Paper in International Conference on Futuristic Innovation in Mechanical Engineering and Manufacturing Management (ICFMEMM-17), titled "Design and Analysis of TRI-AXIAL Hydraulic Trailer using Ansys" at M. Kumarasamy College of Engineering on 30th& 31st Mar 2017.
- Presented a Paper in International Conference on Contemporary Design and Analysis of Manufacturing & Industrial Engineering Systems (CDAMIES – 2018), titled "Experimental Analysis of Stir Casting Electrode (Al6063, B4C) for Electrical Discharge Machining" at National Institute of Technology, Tiruchirappalli on 18th January 2018.
- Presented a Paper in International Conference on Contemporary Design and Analysis of Manufacturing & Industrial Engineering Systems (CDAMIES – 2018), titled "Experimental Investigation of AA7075 reinforced SiC, TiC and B4C MMC" at National Institute of Technology, Tiruchirappalli on 18th January 2018.
- Presented a Paper in International Conference on Emerging Trends in Engineering (ICETET'18), titled "Mechanical and Morphological Investigation of Biodegradable Magnesium AZ31 Alloy for an Orthopedic Application" at Pandian Saraswathi Yadav Engineering College on 9th& 10th March 2018.
- Presented a Paper in International Conference on Emerging Trends in Engineering (ICETET'18), titled "Design Analysis of Fabrication of Tri and Hydraulic Trailer" at Pandian Saraswathi Yadav Engineering College on 9th& 10th March 2018.
- Presented a Paper in International Conference on Emerging Trends in Engineering (ICETET'18), titled "Prediction of surface roughness for Aluminium 6061 using Machine Vision System" at Pandian Saraswathi Yadav Engineering College on 9th& 10th March 2018.

CONFERENCE –NATIONAL LEVEL:

- Participated two-day National Conference on "Industrial Expectation and Institutional Preparation" ISTE-CON 2008 at Sudharsan Engineering College on 13 & 14 August 2008.
- Presented a Paper in National Level conference, titled "Application of New Tool Material for Electrical Discharge Machining" in GTMTS – 2010 at Sethu Institute of Technology on 22nd& 23rd, April 2010.
- Presented a Paper in National Level Conference, titled "Application of New Tool Material for Electrical Discharge Machining" in MECHPONET10 at Dhanalakshmi Srinivasan Engineering College on 18th March 2010.
- Presented a Paper in National Conference, titled "Entrepreneurship and Management" organized by Anna University of Technology, Madurai on 18th March 2011.
- Published a paper in National Level Conference, titled "State of the Art Electrical Discharge Machining" in FLAME 2012 at Bharath Niketan Engineering College on 5th March 2012.



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Principal
Nadar Saraswathi College of
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- Presented a Paper in National Conference, titled “Innovations and Advances in Mechanical Engineering (NCIAME-15)”, at Nadar Saraswathi College of Engineering & Technology, 13th March 2015.
- Presented a Paper, titled “Experimental investigation of Mechanical Properties in Hybrid Natural Fiber”, National Conference on Advances in Mechanical Engineering, Karpagam University, 21st March 2015.
- Presented a Paper in National Level Conference on Materials and Metallurgical Applications, titled “Experimental Investigation of Morthological and Mechanical Properties of New Composite Electrode for Electrical Discharge Machining”, at Nadar Saraswathi College of Engineering and Technology, 31st March 2016.
- Presented a Paper in National Level Conference on Materials and Metallurgical Applications, titled “Development of New Composite Electrode Al-6063 and B4C through Stir Casting Method for Electrical Discharge Machining”, at Nadar Saraswathi College of Engineering and Technology, 31st March 2016.
- Presented a Paper in National Level Conference on Recent Trends in Advanced Materials(RTAM - 16), titled “ Development of New Composite Electrode Al-6063 and B4C through Stir Casting Method for Electrical Discharge Machining”, at Nadar Saraswathi College of Engineering and Technology, 29th March 2016.
- Presented a Paper in National Conference on New Scientific Creations in Engineering and Technology, titled “Design Analysis and Fabrication of Universal Joint Assembly for tri-axial Hydraulic Trailer” at Nadar Saraswathi College of of Engineering & Technology on 27th Mar 2017.
- Presented a Paper in National Conference on New Scientific Creations in Engineering and Technology, titled “Study and Analysis on Temperature Band of Steel Hot Foraing” at Nadar Saraswathi College of of Engineering & Technology on 16th Mar, 2018.
- Presented a Paper in National Conference on Advances in Mechanical Engineering Applications (NCMEA-18), titled “Improve the efficiency of Crystallizer using planetary gear box” at Theni Kammavar Sangam College of Technology on 23rd Mar, 2018.

WORKSHOP ATTENDED:

- Attended two days' Workshop on Design of Compression and Transfer moulds organized by Department of Plastic Technology in S. Vellaichamy Nadar Polytechnic College, Virudhunagar on 9th and 10th December 2006.
- Attended one-day Workshop on “Fascinating Application of Thermal Engineering” organized by Department of Mechanical Engineering in RVS College of Engineering & Technology, Dindigul on 28th January 2012.
- Attended one-day Workshop on “Polymer Composite Manufacturing and Procession –Principles, Techniques and Applications” organized by Department of Mechanical Engineering & Department of Chemistry in Thiagarajar College of Engineering, Madurai on 05 March 2013.
- Attended one-day National Level Workshop on “Basic Insight of Fundamentals of CFD” organized by Nadar Saraswathi College of Engineering & Technology, Theni on 1st October 2013.
- Attended one-day Workshop on “Research Methodology” organized by Centre for Faculty development Anna University, Chennai on 12 December 2014.
- Attended two days National Level Workshop cum Championship on “ROBOTICS” organized by Magniva Technology pvt.ltd, Megalith 14, IIT-Kharagpur on 17th& 18th February 2014.
- Attended one-day Workshop on “Intellectual Properties Rights & Innovations” organized by Nadar Saraswathi College of Engineering & Technology, Theni. In Association with Anna University, Chennai. Centre for Intellectual Property Rights (CIPR) on 05 December 2015.



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- Attended one-day National Workshop on “NIRF – National Institutional Ranking Framework” organized by ELOIT Innovations on 21 December 2015.
- Attended one-day Workshop on “Highly Effective Teaching & Learning Methodologies” organized by Department of Science and Humanities in Nadar Saraswathi College of Engineering & Technology, Theni, on 9th January 2016.
- Attended one-day Workshop on “NBA Process & Documentation” organized by Nadar Saraswathi College of Engineering & Technology, Theni, on 1st November 2016.

SHORT TERM TRAINING PROGRAMME:

- Participated in the short term Training Programme on “Integrating Human Values and Social Ethics in Technical Education” organized by Arasan Ganesan Polytechnic College Sivakasi and ISTE, New Delhi, from November 22nd to December 3rd 2004.
- Participated in an AICTE Sponsored Short Term Course on “Recent Advances in Automotive Systems” organized by the Department of Engineering Design from 2nd to 6th February, 2015.
- Participated in an AICTE Sponsored Short Term Course on “Recent Trends in Composites Manufacturing” organized by the Department of Aerospace Engineering in Centre for Continuing Education Indian Institute of Technology Madras from 10th to 14th February, 2014.

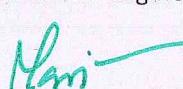
FACULTY DEVELOPMENT PROGRAMME:

- Organized two days Faculty Development Programme on “Crafting Mentors Towards Excellence” Sponsored by Anna University of Technology Madurai on 2nd and 3rd April 2011.
- Attended two days Faculty Development Programme on “Thermal Engineering” organized by Department of Mechanical Engineering in Bharath Niketan Engineering College Sponsored by Anna University of Technology Madurai on 21st and 22nd March 2011.
- Attended one-day Faculty Development Program on “How to Communicate Effectively” organized by the Department of English in Nadar Saraswathi College of Engineering & Technology on 17th December 2014.
- Attended one-day Faculty Development Program on “Photoshop Tools” organized by MaxMindMedia in Nadar Saraswathi College of Engineering & Technology on 18th December 2014.
- Attended two days Faculty Development Program on “Crafting Mentors towards Excellence” organized by Nadar Saraswathi College of Engineering & Technology on 9th& 10th June 2017.

SEMINAR ATTENDED:

- Attended one-day Seminar on “Effective Teaching and Learning Process” organized by Jayaram College of Engineering & Technology on 22nd August 2009.
- Attended one-day International Seminar on “Sustainable Environmental Awareness through Educational Media” organized by Anna University of Technology Madurai and National Institute of Technical Teachers Training and Research (NITTTR), Conduct by Anna University of Technology Madurai on 26th November 2010.
- Attended two days National Level Seminar on “Solar Energy Conversion with Nano Particles – NSSECNP’11” organized by Department of Chemistry & Mechanical Engineering in Velammal College of Engineering and Technology Madurai on 14th& 15th October 2011.
- Attended one day National Seminar on “Meta – heuristic Algorithms and Application in Engineering” organized by Department of Mechanical Engineering SACS M.A.V.M.M.Engineering College, Madurai on 28th December 2011.




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- Attended one-day Seminar on "Advances in Non-Conventional Machining Processes (ANMP 2013)" organized by The Department of Manufacturing Engineering, College of Engineering Guindy on 23rd February 2013.

ACADEMIC PERFORMANCE:

- Presented Academic Excellence Award for 94% Result in Engineering Mechanics of Mechanical Department in Bharath Niketan Engineering College on April / May 2012 Examinations.
- Presented Academic Excellence Award for 95% Result in Engineering Mechatronics of Mechanical Department in Bharath Niketan Engineering College on November / December 2012 Examinations.
- Presented Academic Excellence Award for 93% Result in Engineering Graphics of Mechanical Department in Bharath Niketan Engineering College on November / December 2012 Examinations.
- Presented Academic Excellence Award for 98.36% Result in Engineering Nuclear Engineering of Mechanical Department in Nadar Saraswathi College of Engineering & Technology on November / December 2014 Examinations.
- Presented Academic Excellence Award for 100% Result in Metal Cutting Theory and Practice of Mechanical Department in Nadar Saraswathi College of Engineering & Technology on November / December 2014 Examinations.
- Presented Academic Excellence Award for 100% Result in Basic Civil & Mechanical Engineering of Mechanical Department in Nadar Saraswathi College of Engineering & Technology on April / May 2015 Examinations.
- Presented Academic Excellence Award for 100% Result in Optimization Techniques in Manufacturing of Mechanical Department in Nadar Saraswathi College of Engineering & Technology on April / May 2015 Examinations.
- Presented Academic Excellence Award for 100% Result in Metal Cutting Theory and Practice of Mechanical Department in Nadar Saraswathi College of Engineering & Technology on November / December 2015 Examinations.
- Presented Academic Excellence Award for 98.28% Result in Engineering Materials and Metallurgy of Mechanical Department in Nadar Saraswathi College of Engineering & Technology on April / May 2016 Examinations.
- Presented Academic Excellence Award for 100% Result in Optimization Techniques in Manufacturing of Mechanical Department in Nadar Saraswathi College of Engineering & Technology on April / May 2016 Examinations.

SYMPOSIUM:

- Organized one-day National Level Technical Symposium on "Trenchantz 2k15" Department of Mechanical Engineering in Nadar Saraswathi College of Engineering & Technology, Theni, on 9th September 2015.

QUALITY IMPROVEMENT PROGRAMME:

- Participated in the Short Term Course on "CNC Machines" organized by NITTTR, Chennai, from 09.10.2006 to 13.10.2006.

CITATION AND INDEX OF MY RESEARCH ARTICLES:

- Research articles are indexed in Elsevier, Scopus, Sci Index, Ulrich, DOAJ, EBSCO and Google Scholar.
- Research Articles Cited in Cite Seer, I-SCHOLAR, Free patent online and Google Scholar.



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

AWARDS RECEIVED:

- Awarded by Tamil Nadu Carom Association as Best Sports Builder Award.
- Appreciated with My Stamp for best Service as Principal in Nadar Saraswathi College of Engineering & Technology by Indian Postal Service & Nadar Saraswathi College of Education.
- Educational excellence award skill Indian awards on 27.02.2021.
- Lead outstanding Principal Award on 30.06.2021.
- ACE of Inspiration Award - CAPTAIN TV on 18-10-2022.



Mani —————
Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.,
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Vadapudupatti, Theni-625 531,

PROFILE

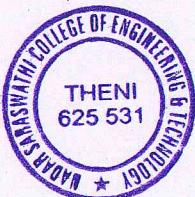
**Mr. N. Mathavan, M.E., MISTE., (Ph.D).,
Vice Principal, NSCET.**

N. Mathavan, the Vice Principal and Head of the Department at Nadar Saraswati College of Engineering and Technology in Theni, brings over a decade of rich experience to the field of education. With more than 10 years dedicated to teaching and over 6 years in administration, Mathavan has become a respected figure in academia.

His academic journey is marked by notable achievements, including the publication of over 5 papers in reputable journals and the acquisition of a patent. His commitment to staying at the forefront of educational advancements is evident through his active participation in over 100 programs, encompassing Faculty Development Programs (FDP), workshops, symposiums, conferences, and guest lectures.

Mathavan's enthusiasm extends beyond the academic realm. He possesses a keen interest in electronics hardware, IoT, and RFID, showcasing a continuous passion for learning and adapting to emerging technologies. As an educator, he has played a pivotal role in guiding approximately 15 batches of students through their project endeavours, fostering innovation and practical skills.

Beyond his professional pursuits, Mathavan's diverse interests include a strong passion for sports and cultural activities. His dedication to both education and extracurricular involvement paints a comprehensive picture of a well-rounded individual making a significant impact in the academic landscape.



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

TEXPO - 22' Project Batches List

S.NO	TEAM MEMBERS	PROJECT TITLE
1	Achutha. L Reshma. S Shanmugapriya. M Gowridharshini. P Swetha. V	Ultrasonic RADAR
2	Ajith. R Babu Kanna. B Devarajan. S.M Naveen Kumar. G Tamilarasan M	Anti-Sleep Alarm for Drivers
3	Ani Swedha. D Jeyasri. V Jovika. P Reetha. S Nithya Dharshini. K	Power Generation using PET
4	Gayathri. P Kalaivani. G Kohila. J Rithiga. S Valarmathi. G	Automatic Wiper in Cars
5	Mohamed Anas. A Mohamed Kathar Mohaideen. A Hari Haran. S Hemananth. P Jeyasheelan. J	Motion Control Aircraft
6	Hari Prasath. S Surendran. B Rohitharam. K Kishore. D Vinothan. S	Gas Leak Security System using Arduino
7	Indhumathi. M Karthika. S Sharmila. M	Digital Thermometer ↗
8	Jawahar Riffath. N Ramyadevi. A Soumiyabala. S Sahana. S Yuvetha. M	Measurement of Temperature using Humidity Sensor
9	Jeevitha. P Muthu Lakshmi. K Shubakeerthi. M Sathya. M	Security Systems using Arduino



Man
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Nadar Saraswathi College of Engineering and Technology

Vadapudupatti, Theni - 625 531

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EVENT FEEDBACK FORM

Event Name: TE expo - 22
OIC 751 Transduced Engineering Project Display

Date: 25.11.23

Please indicate the extent to which you agree with the following statements

Sl No.	Description	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Information Provided at this event is relevant to you	✓				
2.	You are likely to use this information in future		✓			
3.	Resources Provided at this event is relevant to you		✓			
4.	You are likely to use this information in future	✓				
5.	Presentations were interesting			✓		
6.	You would recommend this event to others	✓				
7.	Facilities Provided			✓		
8.	Overall the event was worthwhile		✓			

G. Neveen Kumar

Participant Name (Optional) :



G. neveen kumar

Sign (Optional):

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Vadapudupatti, Theni - 625 531

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EVENT FEEDBACK FORM

Event Name: TexPO - "22"

OICTSI Transducer Engineering project display

Date: 25th / 11 / 2023

Please indicate the extent to which you agree with the following statements

Sl No.	Description	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Information Provided at this event is relevant to you	✓				
2.	You are likely to use this information in future		✓			
3.	Resources Provided at this event is relevant to you		✓			
4.	You are likely to use this information in future	✓				
5.	Presentations were interesting	✓				
6.	You would recommend this event to others		✓			
7.	Facilities Provided	✓				
8.	Overall the event was worthwhile	✓				

B. Babu Kannan

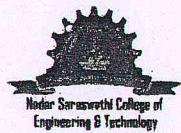
Participant Name (Optional) :

B. Babu

Sign (Optional):



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EVENT FEEDBACK FORM

Event Name: TExpo - 22
OIC751 Transducer Engineering project Display

Date: 25. 11. 23

Please indicate the extent to which you agree with the following statements

Sl No.	Description	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Information Provided at this event is relevant to you	✓				
2.	You are likely to use this information in future		✓			
3.	Resources Provided at this event is relevant to you		✓			
4.	You are likely to use this information in future	✓				
5.	Presentations were interesting			✓		
6.	You would recommend this event to others	✓				
7.	Facilities Provided			✓		
8.	Overall the event was worthwhile		✓			

R. AJITH

Participant Name (Optional) :

R. AJITH

Sign (Optional):



Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
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NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



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



Mr M Arivalagan (HOD/ECE) addressing the gathering during the " Research Exhibition TEXPO-22" on 25.11.2022 at Nadar Saraswathi College of Engineering and Technology, Theni-625531.



Our Students interaction with our honorable Principal Dr C Mathalaisundaram during the " Research Exhibition TEXPO-22" on 25.11.2022 at Nadar Saraswathi College of Engineering and Technology, Theni-625531. *Dr. C. MATHALAI SUNDARAM, M.E.,M.B.A.,Ph.D.*



*Principal
Nadar Saraswathi College of
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THENI MELAPETTAI HINDU NADARGAL URAVINMURAI



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Tamilnadu, India.



Our Students interaction with our honorable Principal Dr C Mathalaisundaram during the "Research Exhibition TEXPO-22" on 25.11.2022 at Nadar Saraswathi College of Engineering and Technology, Theni-625531.

Mam
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