



Theni Melapettai Hindu Nadargal Uravimurai

NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY

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

The Management, Principal, Faculties and Students
cordially invite you all for the Workshop on



PATENT WRITING

Organized by Department of Mechanical Engineering
& MASS Association

to be held on 24.04.2023 Time : 10:30 A.M

Venue : Sir.C.V.Raman Auditorium



Resource Person



Dr.B. Radha Krishnan, M.E., Ph.D.,
Associate Professor & Head Incharge,
Department of Mechanical Engineering.

With Warm Regards

T.Rajamohan, B.Sc.,
President, TMHNU.

P.P.Ganesh, B.Sc.,
Vice President, TMHNU.

M.M.Anandavel, M.B.A.,
General Secretary, TMHNU.

M.Palaniappan
Treasurer, TMHNU.

and Executive Committee Members, TMHNU.

A.Rajkumar, B.B.A.,
Secretary, NSCET.

A.S.R.Maheswaran, B.Sc.,
Secretary, NSCET.

Er.S.Naveen Ram, B.E., MBA.,
Joint Secretary, NSCET.

and College Committee Members, NSCET.

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 & Head Incharge - ECE, NSCET.

Dr.B.Radhakrishnan,M.E., Ph.D.,
Head Incharge /Mechanical Engineering.

V.Sivaganesan, M.E.MISTE., (Ph.D.) Event Coordinator & AP MECH.

AGENDA

DATE: 24.04.2023

Time: 10:30 A.M

- * Invocation
- * Welcome Address
- * Presidential Address
- * Felicitation Address
- * Resource Person Address
- * Workshop Session
- * Vote of Thanks
- * National Anthem

TMHNU Executive Committee Members

Mr.P.M.P.Arulprakasam	Mr.K.K.Jeyaraman
Mr.A.S.G.Dharmarajan, B.A.,	Mr.P.Kannayiram, Ex.Mc.,
Mr.K.Gnanaprakasam	Mr.K.K.Sekar
Mr.G.N.Jawahar	Mr.B.Ramachandran, M.B.A.,
Er.R.T.Jawahar, B.E.,	Mr.G.K.Vijayakumar, B.Com.,
Mr.A.S.Jeevagan	

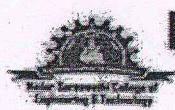
NSCET College Committee Members

Mr. K. Anburaj, (DCT)	Mr. A.R. Saravanakumar
Er. K. Ganesapandian, B.E.,	Er. T.S. Saravanan, B.E.,
Mr. K. Jayamanikandan, ITI.,	Er. N. Selvakumar, B.E.,
Mr. R. Madasamy, M.C.A.,	Mr. P.S.P.K.P. Sermaraja, B.A.,
Er. S.N. Mathalairajan, B.E.,M.B.A.,	Er. K.A.S.T. Sivagaminathan, B.E.,
Mr. V.K.M. Manivannan, M.B.A.,	Er. A.S.S. Somasundaram, B.E.,
Er. J.N. Rajamurugan, B.E.,	Mr. T.A.T.M. Venkateswaran, B.Sc.,
Mr. K. Rajkumar, M.Sc., (CS & IT)	Hari



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

Nadar Saraswathi College of
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NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



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ISO 9001 : 2015 Certified Institution
Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.

Cir. No: NSCET/Cir/2022-23/IPR-001

Date: 22.04.2023

Circular

We are delighted to announce that our college is organizing a “**Workshop on Patent Writing**” scheduled to take place on **24.04.2023**. This event promises to be an enriching experience, offering **Drafting patents, patent laws, effective writing tips**. 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.

Principal

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



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

Date: 20.04.2023

To

Dr. B. Radha Krishnan, M.E., Ph.D.
Associate Professor & Head Incharge,
Department of Mechanical Engineering.

Sir

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

Nadar Saraswathi College of Engineering and Technology is organizing “WORKSHOP ON PATENT WRITING” on 24.04.2023. In this regard we request you to felicitate the program by delivering an expert talk as mentioned below.

S. No.	Date	Time	Topic
1	24.04.2023	10.30 AM	“WORKSHOP ON PATENT WRITING”

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

Harri *20/04/2023*
PRINCIPAL

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

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



Harri
Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
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Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.

Date: 24/04/23

CERTIFICATE OF APPRECIATION

Dr. B. Radha Krishnan, M.E., Ph.D.,

Associate Professor & Head Incharge,

Department of Mechanical Engineering.

In appreciation of notable contribution as a resource person for one day
“WORKSHOP ON PATENT WRITING” Organized by department of Mechanical
Engineering held on 24th April 2023 at Nadar Saraswathi College of Engineering and
Technology.

Hari 24/04/23

PRINCIPAL

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

Principal

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



Hari

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Principal

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Dr. B. RADHA KRISHNAN, M.E., Ph.D., MISTE.,

Email: radhakrishnancadc@gmail.com

Mobile: +91-9159989767; +91-638565271

DOB: 23-05-1991

Address: 11, Railway line Street, Boothipuram, Bodinayakanur (Tk), Theni (Dt),
Tamilnadu, India- 625531



OBJECTIVE

To work in a highly reputed and eminent educational institute, gain an exceptional career, and move ahead through long efforts and performance regularity.

TEACHING EXPERIENCE

- | | |
|------------------|--|
| 1. Institution : | Nadar Saraswathi College of Engineering and Technology |
| Department : | Mechanical Engineering |
| Designation : | Associate Professor and Head of the Department |
| Period of work | 16/05/2018 to Present |
| 2. Institution | K.Ramakrishnan College of Engineering |
| Department | Mechanical Engineering |
| Designation | Assistant Professor |
| Period of work | 18/06/2014 to 12/06/2018 |

SUBJECT HANDLED

Under Graduate:

- Mechatronics
- Engineering Mechanics
- Design of Machine Elements
- Manufacturing Technology
- Advanced Machining Process
- Non-Destructive Testing
- Computer integrated manufacturing
- Computer-aided Design
- Production planning and Control

Post Graduate:

- Optimization Technique
- Surface engineering
- Composite materials
- Mechanical behaviors of materials

Man →
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ACADEMIC QUALIFICATIONS

Course/ Degree	University/ Board	Institute	Year of Passing	Marks
Ph.D	Anna University (Chennai)	Anna University	2020	Highly Recommended
M.E (Manufacturing Engg)	Anna University (Chennai)	Velammal College of Engineering and Technology.	2014	88.1% (Dist) Rank Holder
B.E (Mechanical)	Anna University (Chennai)	Theni Kammavar Sangam College of Technology.	2012	75.5% (First Class)
H.S.C.	State Board	N.S.Hr.Sec.School, Theni.	2008	73%
SSLC	State Board	N.S.Hr.Sec.School, Theni	2006	81.4%

AREA OF INTEREST

- Machine Vision; Composite Materials.

RESEARCH SUPERVISOR

- Approved Research supervisor at Anna University Chennai. (Ref No: 3620003)
- Research Scholars under my Guidance: **5 Nos**

DOCTORAL COMMITTEE MEMBER

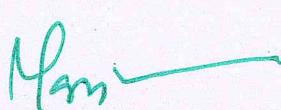
- Act as Doctoral Committee member for **Three** Research Scholars.

JOURNAL PUBLICATION

PUBLICATIONS INDEXED IN SCIENCE CITATION INDEX (SCI)

- Prabhu Deva, M., Parthiban, A., **Radha Krishnan, B.**, Haile, A. and Degife, W., 2022. Investigation of Wear Behaviour and Mechanical Properties of Titanium Diboride Reinforced AMMC Composites. Advances in Materials Science and Engineering, 2022. **Science Citation Index (SCI)**.
- Ramakrishnan, R, **Radha Krishnan, B.**, 2021. Prediction of Surface Roughness in CNC Turning Process using Adaptive Neural Fuzzy Inference System. Journal of Engineering Research. **Science Citation Index (SCI)**.
- **Radha Krishnan Beemaraj**, 2021. Surface modification method of duplex type stainless steels by the pack bording process. Hemijska Industrija, 75(3), pp.155-166. **Science Citation Index (SCI)**.




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- Krishnan, B. Radha, M. Ramesh, M. Selvakumar, S. Karthick, A. Sasikumar, D. Varun Geerthi, and N. Senthilkumar. "A Facile Green Approach of Cone-like ZnO NSs Synthesized Via Jatropha gossypifolia Leaves Extract for Photocatalytic and Biological Activity." JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS (2020). **Science Citation Index (SCI)**
- Beemaraj, Radha Krishnan, Mathalai Sundaram Chandra Sekar, and Venkatraman Vijayan. "Computer vision measurement and optimization of surface roughness using soft computing approaches." Transactions of the Institute of Measurement and Control (2020): 0142331220916056. **Science Citation Index (SCI)**
- Parthiban, A., A. Mohana Krishnan, B. Radha Krishnan, and V. Vijayan. "Experimental Investigation of Mechanical and Wear Properties of AL7075/Al 2 O 3/MICA Hybrid Composite." Journal of Inorganic and Organometallic Polymers and Materials (2020): 1-9. **Science Citation Index (SCI)**
- Radha Krishnan, B., Vijayan, V., Parameshwaran Pillai, T. and Sathish, T., 2019. Influence of surface roughness in turning process—an analysis using artificial neural network. Transactions of the Canadian Society for Mechanical Engineering, 43(4), pp.509-514. **Science Citation Index (SCI)**.
- Dr. Radha Krishnan B, Harikishore S, and V. Vijayan, Wear Behavior of B4C reinforced Al6063 matrix composites electrode fabricated by stir casting method (2020). Transactions of the Canadian Society for Mechanical Engineering DOI: 10.1139/tcsme-2019-0294 - **Science Citation Index (SCI)**.
- Radha Krishnan B, Mathalai Sundaram C, and V. Vijayan, Experimental Investigation And Parameter Analysis of Solar Still with the Different Wick Materials, (2021). **Iranian Journal of Chemistry and Chemical Engineering**. DOI: 10.30492/IJCCE.2021.120944.3951 - **Science Citation Index (SCI)**.
- Amuthan, T., Rathinam, V., Subbarayan, M.R. and Radha Krishnan, B., 2022. Processing and Characterisation of Epoxy–SiC Functionally Graded Polymer Matrix Composites. Journal of Inorganic and Organometallic Polymers and Materials, pp.1-19.

PUBLICATIONS INDEXED IN WEB OF SCIENCE

- Krishnan, B. R., V. Vijayan, and G. Senthilkumar. "Performance analysis of surface roughness modelling using soft computing approaches." Applied Mathematics and Information Sci 12, no. 6 (2018): 1209-1217. (**Web of Science**).
- Gundugandla KishoreA. ParthibanA. Mohana Krishnan, B. Radha Krishnan. "Investigation of the surface roughness of aluminium composite in the drilling process", Materials physics and mechanicsPeter the Great St. Petersburg Polytechnic University. Vol 47(5); 2021 (**Web of Science**).



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- Arunprasath, K., Amuthakkannan, P., Manikandan, V., Kavitha, S. and **Radhkrishnan, B.**, 2021. STUDY OF MECHANICAL PROPERTIES OF COPPER SLAG REINFORCED PARTICULATE POLYMER COMPOSITE. Materials Physics & Mechanics, 47(6).

PUBLICATIONS INDEXED IN SCOPUS

- Karthikeyan, S., Subbarayan, M.R., **Beemaraj, R.K.** and Sivakandhan, C., 2021. Computer vision-based surface roughness measurement using artificial neural network. Materials Today: Proceedings. (**Scopus Indexed**).
- **Krishnan, B.R.**, Tharisanan, R.T., Prabu, V.A., Immanuel, P. and Ramakrishnan, A., 2022. Experimental investigation of mechanical properties of Al7075-Al2O3-B4C composite via stir route. Materials Today: Proceedings.
- **Krishnan, B.R.**, Ramesh, V. and Sundaram, M., 2022. Analyse the surface quality in the milling process by soft computing approaches. Materials Today: Proceedings, 69, pp.1462-1464.
- Sasikumar, C., R. Sundaresan, C. Rajaganapathy, M. Nagaraja, and **Radha Krishnan Beemaraj**. "Analysis on unsteady heat transfer and fluid flow through sensible heat storage system." Materials Today: Proceedings (2021). **Corrsponding Author: Radha Krishnan Beemaraj**,
- Moorthy, Anandha, M. M. Jegan, C. Senthilkumar, and **Beemaraj, R.K.**, "Experimental investigation of Al7075 reinforced with WC and SiC metal matrix composites." Materials Today: Proceedings (2021). Corrsponding Author: **Radha Krishnan Beemaraj**,
- Prakash, E., Chandrasekar, G., **Beemaraj, R.K.**, Ramesh, M. and Sundaresan, R., 2021. Investigate the welding of Inconel 718 and Inconel 600 in friction stir welding. Materials Today: Proceedings. Corrsponding Author: **Radha Krishnan Beemaraj**,
- Paramasivam, V., **Beemaraj, R.K.**, Sundaram, M. and Prasath, A., 2021. Investigate the characterization and synthesis process of Titanium dioxide nanoparticles. Materials Today: Proceedings. Corrsponding Author: **Radha Krishnan Beemaraj**,
- Vembathurajesh, A., Selvakumar, S., Ramakrishnan, T, **Beemaraj, R.K.**, Sundaram, M., 2021. Graphene applications in Unconventional Machining Processes-A review. Materials Today: Proceedings.
- Uvaraja, V.C., Sureshkumar, K., Saravanan, G, **Beemaraj, R.K.**, Ramakrishnan, H., 2021. Characterization of untreated and alkali treated Areca catechu fibre through eco-friendly composite plates. Materials Today: Proceedings. Corrsponding Author: **Radha Krishnan Beemaraj**,



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- Raja, R., Parthiban, A., Jeyakumar, S. and **Krishnan, B.R.**, 2021. Investigation of mechanical properties of friction stir welding aluminium alloy AA7475-T651 and AA2219-O. Materials Today: Proceedings.
- Ravikumar, M., **Beemaraj, R.K.**, Arunraja, K.M., Pandiarajan, P. and Sundaresan, R., 2021. Heat transfer analysis in fin and tube exchanger using CFD. Materials Today: Proceedings. Corresponding Author: **Radha Krishnan Beemaraj**,
- Subbarayan, M.R., **Beemaraj, R.K.**, Nagaraj, T. and Rajkumar, M., 2021. Investigate the performance analysis of karanja biodiesel in diesel engine. Materials Today: Proceedings. Corresponding Author: **Radha Krishnan Beemaraj**,
- Sridhar, S., Senthilkumar, C. and Sundaresan, R., **Beemaraj, R.K.**, 2021. Review—Investigation of bio-absorbable magnesium AZ91 alloy using powder metallurgy technique. Materials Today: Proceedings.
- **Krishnan, B. Radha**, and M. Ramesh. "Optimization of machining process parameters in CNC turning process of IS2062 E250 Steel using coated carbide cutting tool." Materials Today: Proceedings 21 (2020): 346-350. (**Scopus Indexed**)
- Arunprasath, K., M. Vijayakumar, M. Ramarao, T. G. Arul, S. Peniel Pauldoss, M. Selwin, **B. Radhakrishnan**, and V. Manikandan. "Dynamic mechanical analysis performance of pure 3D printed polylactic acid (PLA) and acrylonitrile butadiene styrene (ABS)." Materials Today: Proceedings (2021). (**Scopus Indexed**)
- Karthikeyan, N., **B. Radha Krishnan**, A. VembathuRajesh, and V. Vijayan. "Experimental analysis of Al-Cu-Si metal matrix composite by powder-metallurgy process." Materials Today: Proceedings (2020). (**Scopus Indexed**)
- Sanjeevi, R., G. Arun Kumar, and **B. Radha Krishnan**. "Optimization of machining parameters in plane surface grinding process by response surface methodology." Materials Today: Proceedings (2020). (**Scopus Indexed**)
- Gopan, S. Nandha, A. Vennimalai Rajan, and **B. Radha Krishnan**. "Review of Bio-diesel production from waste cooking oil and analyze the IC engine performance." Materials Today: Proceedings (2020). (**Scopus Indexed**)
- Sanjeevi, R., R. Nagaraja, and **B. Radha Krishnan**. "Vision-based surface roughness accuracy prediction in the CNC milling process (Al6061) using ANN." Materials Science 2214 (2020): 7853. (**Scopus Indexed**)



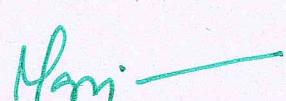
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- Veluchamy, B., N. Karthikeyan, **B. Radha Krishnan**, and C. Mathalai Sundaram. "Surface roughness accuracy prediction in turning of Al7075 by adaptive neuro-fuzzy inference system." Materials Today: Proceedings (2020). (**Scopus Indexed**)
- Giridharan, R., A. Vennimalai Rajan, and **B. Radha Krishnan**. "Performance and emission characteristics of algae oil in diesel engine." Materials Today: Proceedings (2020). (**Scopus Indexed**)
- **Krishnan, B. Radha**, and M. Ramesh. "Experimental evaluation of Al-Zn-Al₂O₃ composite on piston analysis by CAE tools." Mechanics and Mechanical Engineering 23, no. 1 (2019): 212-217. (**Scopus Indexed**)
- **Krishnan, B. Radha**, M. Ramesh, R. Giridharan, R. Sanjeevi, and D. Srinivasan. "Design and Analysis of Modified Idler in Drag Chain Conveyor." International Journal of Mechanical Engineering and Technology 9, no. 1: 378-387. (**Scopus Indexed**)
- Prasath, K. Arun, **B. Radha Krishnan**, and Corresponding K. Arun. "Mechanical properties of woven fabric Basalt/jute fibre reinforced polymer hybrid composites." Int. J. Mech. Eng 2, no. 4 : 279-290. (**Scopus Indexed**).
- Rahiman, M.K., Vellaichamy, R., Nagaraj, T., Sundaram, C.M. and Krishnan, B.R., 2022. Optimization of process parameter in Electrical Discharge Machining process via Taguchi method. Materials Today: Proceedings, 69, pp.1351-1354 (**Scopus Indexed**).

PUBLICATIONS INDEXED IN GOOGLE SCHOLAR

- **BR Krishnan**, M Ajith, RA kumar, P Bala, GG Maurice, "Determination of Surface Roughness in AA6063 Using Response Surface Methodology". International Research Journal of Engineering and Technology 5 (3), 2556-2558
- **Radhakrishnan, B.**, P. Ramakrishnan, S. Sarankumar, S. Tharun Kumar, and P. Sankarlal. "Optimization of CNC machining parameters for surface roughness in turning of aluminium 6063 T6 with response surface methodology." SSSG international journal of mechanical engineering-(ICCRESt 17), Special issue 23 (2017).
- **Krishnan, B. Radha**, R. Aravindh, M. Barathkumar, K. Gowtham, and R. Hariharan. "Prediction of Surface Roughness (AISI 4140 Steel) in Cylindrical Grinding Operation by RSM." International Journal for Research and Development in Technology 9, no. 3 (2018): 702-704.
- T. Kamatchi, **B.Radha krishnan**, Dr.P.L.K. Palaniyappan, "Effect of Relational Coordination Issues in Health Care System Is Measuring By Hypothesis and Questionnaire Framework". International Journal of Innovative Research in Science, Engineering and Technology Special Issue 3, March 2014.




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- Kumar, N. Saran, N. Kaleeswaran, and **B. Radha Krishnan**. "Review on optimization parameters in Abrasive Jet Machining process." International Journal of Recent Trends in Engineering and Research 4, no. 10 (2018): 2455-1457.
- **BR Krishnan**, K Arunprasath, "Utilization of Natural Energy" International Journal of Industrial Engineering and Technology 3 (2), 67-72
- **KRISHNAN, B. RADHA**, and K. ARUN PRASATH. "Six Sigma concept and DMAIC implementation." International Journal of Business, Management & Research (IJBMR) 3, no. 2, pp: 111-114.
- **Krishnan, B. Radha**. "Review Of Surface Roughness Prediction In Machining Process By Using Various Parameters." Int. J. Recent Trends Eng. Res.(IJRTER) 6, no. 1 (2020): 7-12.
- **Krishnan, B. Radha**, C. Mathalai Sundaram, and 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, no. 12 (2018): 2455-1457.
- Sundar, S., T. Sudarsanan, and **Radha Krishnan**. "Review of Design and Fabrication of four wheel Steering system." International Journal of Recent Trends in Engineering & Research (IJRTER) 4, no. 10 (2018): 1034-1049.
- **Radhakrishnan, B.**, Sathish, T., Siva Subramanian, T.B., Tamizharasan, N. and VarunKarthik, E., 2017. Optimisation of Surface Roughness in CNC Milling Process Using RSM. SSRG International Journal of Mechanical Engineering-(ICRTECITA-2017)-Special issue-March.

BOOK PUBLICATION

- Radha Krishnan B. , Mathalai Sundaram C., "Analysed the Machining Characteristics by using Nano Cutting Fluids" LAP LAMBERT Academic Publishing; ISBN-13:978-620-0-43688-7; ISBN-10:6200436886; EAN:9786200436887.

PATENT PUBLICATION

- Granted -Smart COVID 10 Protection Band Using AI, IoT, and Cloud, Australian Patent, 02-04-2021; Number-2021101705.
- Published - Flower Garland Making Machine, Indian Patent, patent number: 202241049104, Date: 16.09.2022.

RESEARCH FUNDING

- Received funds for "Investigate the tribological behaviour of self-lubricating the magnesium matrix composite" from **Tamilnadu State Council for Science and Technology** on Feb 2022




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CONFERENCE ATTENDED

- Attended International Conference and Paper Presented in the title of '**Parameter Selection for Relational Coordination in Health Care System**', International Conference In Advanced In Industrial Engineering Applications (ANNA UNIVERSITY CHENNAI).
- Attended International Conference and Paper Presented in the title of "**Experimental investigation and analysis of ceramic coated in aluminum piston**" in International Conference at K.Ramakrishnan College of Technology.
- Attended International Conference and Paper Presented in the title of "**Performance and Emission Characteristics of Algae oil in Diesel Engine**" in International Conference at Kalasalingam University.
- Attended International Conference and Paper Presented in the title of "**Analysis of mechanical and microstructural characteristics of AISI 316l austenitic stainless steel and Incoloy 825nickel based alloy for dissimilar LASER welds**". International Conference at Ramco Institute of Technology, Sivakasi.
- Attended International Conference and Paper Presented in the title of "**Parameter Investigation of ceramic coated in aluminum piston**" in International Conference of New Scientific Creations in Engineering and Technology 2019 at Nadar Saraswathi College of Engineering and Technology.
- Attended International Conference and Paper Presented in the title of '**Review of Relational Coordination Issues in Healthcare System**' in International Conference on Business Analytics and Intelligence (IIM-BANGLORE).
- Attended International Conference and Paper Presented in the title of '**Optimization of CNC Machining Parameters for Surface Roughness in Turning of Aluminium 6063 T6 with Response Surface Methodology**' (ICCREST-2017) International Conference on Current Science & Technology (Jayaram College of Engineering and Technology).
- Attended International Conference and Paper Presented in the title of '**Optimisation of Surface Roughness in CNC Milling Process using RSM**' in International Conference on Recent Trends in Engineering, Computers, Information Technology and Applications (PSNA College of Engineering and Technology).
- Attended International Conference and Paper Presented in the title of '**Review of Prediction of Surface Roughness in Machine Vision by using Various Parameters**' International Conference on Smart Design & Sustainable Development (ACCET-KARAIKUDI).



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- Attended IEEE International Conference and Paper Presented in the title '**Effect of Relational Coordination in Health Care System Measuring by Hypothesis and Questionnaire Framework**'. International Journal Of Innovative Research In Science, Engineering and Technology. (KLN College of Engineering and Technology).
- International Conference and Paper Presented in the title of '**Parameter Densification and Deformation of Al-Cu-Si-Mg-Al₂O₃ by P/M Process**'. International Conference on Innovative Research Techniques In Management Aeronautical Mechanical And Electrical (KALAINAR Attended KARUNANITHI INSTITUTE OF TECHNOLOGY, COIMBATORE).
- Attended International Conference and Paper Presented in the title of '**Mechanical Properties of Woven Fabric Basalt/Jute Fibre Reinforced Polymer Hybrid Composites**'. First International Conference in Emerging Trends in Engineering and Technology (ICETET 2013).
- Attended National Conference and presented a paper in the title of '**SIX SIGMA**' on RAMM 2013 conducted by Velammal Engineering College Chennai.
- Attended National Conference and presented a paper in the title of '**WASTE TO ENERGY**' on RAME 2013 conducted by P.S.R Engineering College Sivakasi.

REVIEW AND EDITORIAL BOARD

- Lead Guest Editor - Advances in Materials Science and Engineering
- Act as an Editorial Board member in **American Journal of Mechanical and Materials Engineering**.
- Act as a Reviewer Board Member in Journal of Advances in Microbiology.
- Act as Reviewer Board Member in Iranian Journal of Chemistry and Chemical Engineering (**SCI**)
- Act as Reviewer in Elsevier – Materials Today Proceedings (**Scopus**)
- Act as Reviewer in International Journal of Recent Trends in Engineering & Research
- Act as Reviewer Board Member in International Journal of Mechanical and Production Engineering Research and Development (**Scopus**)
- Act as Reviewer in Springer- Arabian Journal of Science and Technology (**SCI**)
- Act as Reviewer in Materials Forum (**Scopus**)
- Act as Reviewer in Surface Topography: Metrology and Properties (**SCI**)
- Act as Reviewer in Materials Research Express (**SCI**)

RESEARCH METRICS

Scopus

Google
Scholar

Web of Science Researcher-ID =AAF-9252-2019



Nam
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Scopus URL: <https://www.scopus.com/authid/detail.uri?authorId=57200580185>

Google Scholar URL: https://scholar.google.co.in/citations?user=o_b0-3sAAAAJ&hl=en&authuser=1

GUEST LECTURE

- Delivered Guest Lecture in seminar “**Patent Drafting**” Conducted by Nadar Saraswathi College of Engineering and Technology on 27.04.2023.
- Delivered Guest Lecture for orientation program in Vels Institute of Science, Technology & Advanced Studies at the topic of “Roadmap to patent rights” on 29/05/2022.
- Delivered Guest Lecture in the webinar “**Research Article Writing**” Conducted by Arasu Engineering College on 18.05.2021.
- Delivered the Guest Lecture in the Webinar “**Composite Materials – Metal Matrix Composite**” Conducted by IFERP on 26.09.2020.
- Delivered the Guest Lecture in the seminar “**Research Development and Innovation**” Conducted by Nadar Saraswathi College of Engineering and Technology on 19.12.2020.

NATIONAL SEMINAR & WORKSHOP

- Attended the one-day Workshop on “**Production Ergonomics in Design**” held on 26th Nov-2019 in P.S.G. College of Technology
- Attended the one week Short Term Training on “**Electric Vehicles and Fuel Cells**” held on Dec 2018 in Thiagarajar College of Engineering, Madurai
- Attended one week Short Term Training “**Machine Learning Techniques in Manufacturing Optimization**” on 14 Dec 2017 in Thiagarajar College of Engineering, Madurai
- Attended two-day Training “Recent software used in T.C.S.” May-2015 in T.C.S. Campus Siruseri, Chennai
- Attended two-day national level seminar on “**CHEMICAL GRAPH THEORY**” held on 18th and 19th OCT- 2012 at Velammal College of Engineering and Technology
- Attended two-day Workshop on “**Metrology Measurement and Machine vision system**” held on 26th and 17th sep-2016 in P.S.G. College of Technology
- Attended the two-day Workshop on “How to do the Research” held in nov-2016 in K.Ramakrishnan College of Engineering.

MEMBERSHIP

- ISTE – Life Time Membership
- SAE –Professional Membership
- IAENG – Life Time Membership
- IFERP – Special Membership

Mam

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RESPONSIBILITIES

- **Head of the Department** – Mechanical Engineering in Nadar Saraswathi College of Engineering and Technology.
- **Entrepreneurship development cell coordinator** in Nadar Saraswathi College of Engineering and Technology.
- President for IIC cell in Nadar Saraswathi College of Engineering and Technology.
- **Research and Development Coordinator** at Nadar Saraswathi College of Engineering and Technology.
- **Quality Improvement Cell Member** in Nadar Saraswathi College of Engineering and Technology.
- Placement Coordinator for the Mechanical Department and Placed the Maximum number of students in T.C.S., WIPRO, i-NAUTRIX, T.D.S., etc.
- Top 25 in-charge for Mechanical Department, Students are achieving in e-kart, Mega ATV.
- **NAAC Coordinator** for Mechanical Department in K.Ramakrishnan College of Engineering, and got 'A' grade in Apr 2015.

EXTRA SKILLS

- i. Design of Expert
- ii. MAT LAB
- iii. PRO-E
- iv. SOLID WORKS
- v. ANSYS

DECLARATION

I hereby declare that all the statements made in the above application are true and correct to the best of my knowledge and belief.

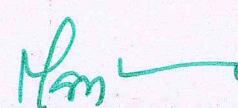
Yours sincerely,



Place :Theni

(Dr.B.RADHA KRISHNAN)




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COMMITTEE LIST**Overall Coordinators**

: Dr.B.Radhakrishnan,M.E., Ph.D., HOD / MECH
 Mr.A.Vembathaurajesh, M.E., (Ph.D.), HOD / MFE

Workshop Coordinator

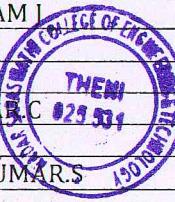
: Mr.V.Sivaganesan, M.E., (Ph.D)., Assistant Professor

Agenda :

1. Invocation
2. Welcome address
3. Felicitation address
4. Chiefguest address
5. Feedback session
6. Vote of thanks

ATTENDED LIST OF STUDENTS
II YEAR

SL. No	Reg. No	Name	Signature
1	921021114001	AJITH.G	AB
2	921021114002	ARUNPANDIYAN.V	V. ARUN PANDIYAN
3	921021114003	DHANUSVAR G	G. Dhansvar
4	921021114004	DHARMASURYA.D	D. Dm sury.
5	921021114005	GANESH SHREE.M	G. Ganesh sree..
6	921021114006	GOKUL.R	R. Gokul..
7	921021114007	GOWRISHANKAR.P	P. Gowrishankar..
8	921021114008	HARIMUTHUKRISHNAN.K	HB
9	921021114009	HARISH S	HB
10	921021114010	HARISH P	HB
11	921021114011	KARTHICKRAJA.K	K. K. Raja
12	921021114012	KESAVAN.V	V. Kesav
13	921021114013	KISHORE KUMAR G K	Gell. kishore gk
14	921021114014	LAKSHMIPRABHA.K	LP
15	921021114015	MANIMARAN.V	AB
16	921021114016	MOHAMED ISKAKA.A	MI
17	921021114017	MOHANA KANI.S	M. Mohana kani
18	921021114018	MOUNARAHUL.R	M. Mounarahu..
19	921021114019	MUTHUSELVAM.G	M. Muthuselvam
20	921021114020	NAREN KARTHICK.M.K	Naren karthick
21	921021114021	NITHISHKUMAR R	N. nithish
22	921021114022	PANDIAN. K	K. pandian
23	921021114023	PANDISELVI.S	S. Pandiselvi
24	921021114024	PAZHANIMURUGAN.C	C. Pazhanimurugan
25	921021114025	PERUMALSAMY M	M. Perumalsamy
26	921021114026	PRABHU P	P. Prabhu
27	921021114027	RAMJAN BEGAM J	J. Ramjan Begam
28	921021114028	RANJITH. S	S. Ranjith
29	921021114029	SANJAI A	S. Sanjai
30	921021114030	SANJAY KUMAR.C	C. Sanjay Kumar
31	921021114031	SANMUGAM V	V. Sanmugam
32	921021114032	SARAVANA KUMAR.S	S. Saravana Kumar
33	921021114033	SASIKUMAR.R	R. Sasikumar
34	921021114034	SETHUPATHI S	S. Sethupathi



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35	921021114035	SIVA PRAKASH.S	S. Siva prakash
36	921021114036	SRIRAM.M	Bru Pan. M,
37	921021114037	SUNDAR M	M. Sundar
38	921021114039	SURENDRAN.V	V. Surendran
39	921021114040	SURESH PANDI.D	S. Suresh
40	921021114041	SURYA NARAYANAN.V	S. Surya
41	921021114042	VAIRAVAN S	S. Vaivasan
42	921021114043	VASANTHA KUMAR K	K. V. Kumar
43	921021114044	VASUKI.R	R. Vasuki
44	921021114045	VIGNESH M	M. Vignesh
45	921021114046	IV Y MATHAVAN M R.	R. Sugapraasan
46	921021114047	VIJAY.J	V. Jai
47	921021114049	YUVARAJ.K (15.02.04)	K. U. Raj
48	921021114050	YUVARAJ.K	K. U. Raj
49	921021114301	MATHAVAN M	M. M. Mathavan
50	921021114302	RAMACHANDRAN R	R. Ramachandran
51	921021114303	SOUNDARAPANDI B	B. S. G. B.

LIST OF STUDENTS ATTENDED
I II YEAR

SL. No	Reg. No	Name	Signature
1	921020114001	AHAMED APSAL S	S. Apsal
2	921020114002	AMRIT SRINITHI HARIRAJAN A	A. Amrit
3	921020114003	ARAVINDKUMAR G	G. Aravind
4	921020114004	ASHOK KUMAR S	A. Ashok
5	921020114005	BUVANESH KUMAR V	V. Buvanesw
6	921020114006	DIVAGAR M	M. Divagar
7	921020114008	GOKUL M	M. Gokul
8	921020114009	GOWTHAM P	P. Gowtham
9	921020114010	GUNASEELAN P	P. Gunasel
10	921020114011	HARI.S	S. Hari
11	921020114012	HARIKRISHNA T	T. Harikrishna
12	921020114013	JAI SURIYA J	J. Suriya
13	921020114014	KESAVANKARUPPASAMY G	G. Kesavankaruppa
14	921020114015	MANOJ KUMAR V	V. Manoj
15	921020114016	MOHAMED VASIUL AKRAM M	M. Vasiul
16	921020114017	MOHANKUMAR S	S. Mohankumar
17	921020114018	MOHAN RAJ N	N. Mohan
18	921020114019	NAVEENKUMAR K	K. Naveenkumar
19	921020114020	PRAVEEN P	P. Praveen
20	921020114021	PRAWIN RAJ B	B. Prawin
21	921020114022	PUVANESH S	S. Puvanesh
22	921020114023	SIVALINGESHWARAN V	V. Sivalingeshwaran
23	921020114024	VELMURUGAN M	M. Velmurugan
24	921020114025	VETRISELVAN S	S. Vetriselvan
25	921020114026	VISHNU PRASATH.R	R. Vishnu
26	921020114027	VISWANATHAN S	S. Viswanathan
27	921020114301	PRAVEEN KUMAR M	M. P. Praveen
28	921020114302	SEBASTIN RENI A	A. Sebastian
29	921020114303	VISHWA J	V. Vishwa



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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 B Radhakrishnan(HOD/Mech) addressing the gathering during the " Workshop on Patent Writing" on 24.04.2023 at Sir C.V.Raman Auditorium/Nadar Saraswathi College of Engineering and Technology,Theni-625531



Dr B Radhakrishnan(HOD/Mech) presenting a power point presentation during the " Workshop on Patent Writing" on 24.04.2023 at Sir C.V.Raman Auditorium/Nadar Saraswathi College of Engineering and Technology,Theni-625531



Handwritten Signature
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8
THENI MELAPETTAI HINDU NADARGAL URAVINMURAI



NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



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ISO 9001 : 2015 Certified Institution
Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.



Staff and Student Participants during the " Workshop on Patent Writing" on 24.04.2023 at Sir C.V.Raman Auditorium/Nadar Saraswathi College of Engineering and Technology,Theni-625531.



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Vadapudupatti, Theni - 625531

Student Feedback

- 1) It is very useful. understanding to the easiest way. It is help to the own pattern writing method. Learn to the various pattern writing.
- 2) It is help to the own pattern method. It is very usefull understanding to the easiest way.
3. This patent writing is useful for future projects to improve our ideas. is helpful.



Mani →
Dr. C. MATHALAI SUNDARAM, M.E., M.B.A., Ph.D.,
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Vadapudupatti, Theni - 625531