

CURRICULUM VITAE

Prof. (Dr.) S. Nallusamy, B.E (Mech.), M.E (I.E.), Ph.D. (Engg.),
Professor, Department of ACEE,
Jadavpur University, Kolkata - 700 032
West Bengal, India, Phone: 033-24572290
Mobile: 0-9962306799
e-mail: ksnallu@gmail.com, snallusamy@jadavpuruniversity.in



OBJECTIVES

- To associate myself with an ideal organization that reaches excellence in education and to secure a position where by hard work, dedication and the ability to acquire new skills will advantage any organization I work for.
- To execute any kind of work by proper planning and implementation and to be a good leader among the teaching community as well as subordinates by proper motivation, guidance, adequate communication, etc. to get things to be done
- To satisfy the needs of my superiors without compromising the quality of work with leading research.

TECHNICAL QUALIFICATIONS

Sl. No.	Course / Branch (With Specialization)	University / Board	Month & Year Of Passing
1	Ph.D. (Mechanical Engineering)	Jadavpur University Kolkata, India	Aug'2009
3	M.E. (Industrial Engineering)	Anna University Chennai, India	June'2004
4	B.E. (Mechanical Engineering)	Madras University Chennai, India	April'1990

Ph.D.-TITLE OF THESIS

“Study of Vehicle Maintenance System in Passenger Transport of Public Sector Undertaking - Chennai - Tamilnadu”

EXPERIENCE

Total Experience: 29 Years 06 Months

Sl. No.	DESIGNATION	NAME OF THE INSTITUTION / INDUSTRY	PERIOD		Total Service		
			From	To	Years	Months	Days
01	Professor/ AECC	Jadavpur University, Kolkata - 700 032	07.01.2022	Till Date	00	06	06
02	Additional Registrar (Academics & Inspection)	Dr. M G R Educational and Research Institute (Deemed to be University)	20.07.2021	06.01.2020	00	05	29
03	Joint Registrar (Academics & Inspection)	Dr. M G R Educational and Research Institute (Deemed to be University)	16.07.2018	19.07.2021	03	00	04
04	Professor & Dean/ Mechanical Engineering	Dr. M G R Educational and Research Institute (Deemed to be University)	01.07.2014	15.07.2018	04	00	15
05	Principal	Kodaikanal Institute of Technology (Affiliated to Anna University)	30.09.2011	30.06.2014	02	09	01
06	Principal	Thai Moogambigai Polytechnic College (Affiliated to DOTE)	23.06.2004	29.09.2011	07	03	07
07	Sr. Lecturer cum HOD	Thai Moogambigai Polytechnic College (Affiliated to DOTE)	03.08.1994	02.08.2002	08	00	00
08	Design Engineer	Nubal Electronics (India) Ltd. (Joint Venture with NE, UK)	05.07.1990	01.08.1994	04	00	28
Total Experience					30	02	00

FIELD(S) OF SPECIALISATION

MECHANICAL ENGINEERING (Nano Materials, Composite Materials, Material Science and Mechatronics Engineering)

INDUSTRIAL ENGINEERING (Lean Manufacturing, Optimization Techniques, Quality Engineering and Supply Chain Management)

RESEARCH GUIDANCE

Ph.D. : Ph.D. Completed - 07 Scholars

P.G. : P.G. Completed - 41 Scholars

SUPERVISOR FOR RESEARCH

- Jadavpur University, Kolkata 700032
- Dr. M. G. R. Educational and Research Institute, Chennai

MEMBERSHIP IN PROFESSIONAL BODIES

NAME OF SOCIETY	GRADE OF MEMBERSHIP
1. Indian Society for Technical Education (ISTE)	Life member
2. Indian Institution of Industrial Engineering (MIIE)	Life member
3. Indian Society of Mechanical Engineers(LMISME)	Life member
4. Member in Institution of Engineers (MIE)	Life member
5. Chartered Engineer in Institution of Engineers (CE)	Life member
6. International Association of Engineers (IAENG)	Life member
7. International Association of Advanced Materials (MIAAM)	Life member
8. Indian Academicians and Researchers Association (MIARA)	Life Member
9. Int. Organization of Scientific Res. and Dev. (MIOSRD)	Member
10. Asian Council of Science Editors (MACSE)	Member

MEMBER OF COUNCIL / BOARD

S. No.	DESCRIPTION
1.	Member of Governing Council in Ariyalur Engineering College, Ariyalur, Tamilnadu
2.	Member in Board of Studies at Dr. M.G.R. Educational and Research Institute, Chennai
3.	Member in Board of Studies at Bharath Institute of Higher Education and Research, Chennai
4.	Member in Board of Studies at Jadavpur University, Kolkata
5.	Staff Selection Committee Member of Various Reputed Institutions like Jadavpur University, Dr. M.G.R. Educational and Research Institute, etc.

ADDITIONAL ACADEMIC INFORMATIONS

S. No.	INFORMATION
1.	Top Panel Examiner for Ph.D. Viva Voice Examinations in various Universities
2.	Doctoral Committee Panel Member for Ph.D. Reviews in various Universities
3.	Chief Editor and Associate Editor of International and National Journals
4.	Editorial Board Member of Reputed International and National Journals like Elsevier, Springer, etc.
5.	Coordinator and Chair for International & National Conferences
6.	Coordinator for Faculty Development Programmes Sponsored by Anna University, Chennai
7.	Convener and Advisory Committee Member for International and National Conferences
8.	Acted as Chief Coordinator in CDTP Scheme , Government of India
9.	Acted as Chief Superintendent and Member of Flying Squad for Board, Anna University and TNOU Examinations
10.	Acted as Course Coordinator for DDU-GKY at Dr. M.G.R. Educational and Research Institute, Chennai

REVIEWER AND EDITORIAL BOARD MEMBER OF JOURNALS

Acting as **Reviewer and Editorial Board Member** in **70 Reputed International Journals** covered in Springer, Elsevier, Science Direct, Wiley etc.

(ANNEXURE - I)

EDITOR OF JOURNALS

- 1) **Editor in Chief** - International Journal of Engineering Trends and Technology (Scopus Indexed)
- 2) **Editor in Chief** - International Journal of Advanced Research in Engineering and Technology (Scopus Indexed)
- 3) **Editor in Chief** - SSRG International Journal Recent Engineering Sciences
- 4) **Associate Editor in Chief** - Asian Journal of Industrial Engineering (Scopus Indexed)
- 5) **Associate Editor in Chief** - SSRG International Journal of Mechanical Engineering
- 6) **Editorial Board Member** in Case Studies in Thermal Engineering (Elsevier.com)

AWARDS RECEIVED

- 1) Reviewer Recognition Award 2021 (Elsevier)
- 2) Received Innovation Award 2016 (Wadhvani Foundation and National Entrepreneurship Network (NEN))
- 3) Outstanding Contribution in Reviewer Award 2018 (Elsevier)
- 4) Reviewer Appreciation Award (PEOCO 2017 – Malaysia)
- 5) Eminent Research Contributor Award 2016 (Dr. M.G.R. University)
- 6) Outstanding Research Contributor Award 2017 (Dr. M.G.R. University)
- 7) Research Appreciation Certificate 2014 (Dr. M.G.R. University)
- 8) Research Excellence 2015 (Dr. M.G.R. University)
- 9) J.E. Hirsch Research Index Award 2016 (Dr. M.G.R. University)
- 10) Research Contribution Certificate 2015 (Dr. M.G.R. University)
- 11) Research Contribution Certificate 2016 (Dr. M.G.R. University)

FUNDED CONSULTANCY PROJECTS

No	Client/ Organization's Name	Nature of Assignment / Title	Duration of Assignment	Amount for Assignment (Rs.)
Assignments Carried Out As Principal Coordinator				
1	J.P.C.N. Industries	Productivity Improvement by Hybrid data Envelopment Analysis for Selection and Evaluation of Supplier by Decision Model	13.11.2014 to 05.06.2015	3,06,000/-
2	Star Engineering Works	Enhancement of Productivity by Green Lean manufacturing Model	18.12.2013 to 23.06.2014	3,15,000/-
3	Bahwan CyberTek Pvt. Ltd.	Passenger Vehicle Transport Maintenance	15.02.2017 to 29.01.2018	8,00,000/-

FUNDED PROJECT

No	Client/ Organization's Name	Nature of Assignment / Title	Duration of Assignment	Amount for Assignment (Rs.)
Funded Assignments As Investigator				
1	ICMR - EPMS - ID: 2021-6404	A Smart Phone App with Geo-Spatial Information for Forecasting COVID-19 from Lung X-ray Images	Applied	1,02,03,372/-

BOOKS PUBLISHED

1. **S. Nallusamy** and S. Gnanasekaran, “**Emerging Trends in Engineering and Technology**”, First Edition, July- 2020, ISBN No. 978-81-945125-7-8, Manglam Publications, New Delhi
2. **S. Nallusamy**, “**Industrial Engineering and Management**”, First Edition, March- 2015, ISBN No. 978-93-85374-24-1, Vishnu Prints Media Publications, Chennai
3. **S. Nallusamy**, “**Automobile Technology**”, First Edition, June- 2015, ISBN No. 978-93-85374-23-4, Vishnu Prints Media Publications, Chennai
4. **S. Nallusamy**, S. Sendilvelan, “**Heat Power Engineering**”, First Edition, March- 2017, ISBN No. 978-93-85374-67-8, Vishnu Prints Media Publications, Chennai
5. S. Sendilvelan, **S. Nallusamy**, “**Thermal Engineering**”, First Edition, March- 2017, ISBN No. 978-93-85374-66-1, Vishnu Prints Media Publications, Chennai
6. **S. Nallusamy**, M. Rajaram Narayanan, “**Basic Engineering Graphics**”, First Edition, October- 2017, ISBN No. 978-93-85374-64-5, Vishnu Prints Media Publications, Chennai

BOOKS CHAPTERS

1. **S. Nallusamy** and K. Sujatha, (2021), “Characterization of Machining Parameters on Polymer Matrix Composite Using Taquchi Technique”, **Encyclopedia of Materials: Reference Module in Materials Science and Materials Engineering**, pp. 1-11, 2021
2. **S. Nallusamy** and Gautam Majumdar, (2022), “Testing of Active Vibration Control on Glass Fiber Reinforced Plastic (GFRP) Wind Turbine Blade using SMA and Lab View”, **Encyclopedia of Materials: Plastics and Polymers**, pp. 1-10
3. **S. Nallusamy** and S. Sundar, (2022), “Experimental Analysis of Different Machining Parameters on Epoxy Granite Composite”, **Manufacturing Technology and Experimental Applications**, pp.71-88
4. **S. Nallusamy** and K. Sujatha, (2021), “Analysis on Synthesized Carbon Aerogels Doped with Resorcinol Formaldehyde by XPS and FESEM Techniques”, **Manufacturing Technology and Experimental Applications**, pp. 89-99

PATENTS

1. S. Sendilvelan, K. Bhaskar, **S. Nallusamy**, “Design of Active Catalytic Converter System to Reduce Cold Start Emission from Automobiles”, Application No. 201741031172 A, **Issue No: 36/2017, Publication Date: 08/09/2017**
2. **S. Nallusamy**, “Development of Pesticides Spray Drone for Agriculture Fields”, Application No. TEMP/E-1/22703/2020-CHE A, **Issue No: 22/2020, Publication Date: 05/06/2020**

PAPER PUBLICATIONS IN WEB OF SCIENCE & SCOPUS JOURNALS

149 Articles: Reputed International and National Journals

(ANNEXURE-II)

(59 Articles are in Web of Science and 90 in Scopus)

Individual H-Index - 32

PAPER PUBLICATIONS IN NON-SCOPUS JOURNALS

42 Articles: Different International and National Journals

(ANNEXURE - III)


PAPER PUBLICATIONS IN CONFERENCES

Invited Talk and Presented Research work in

32 International Conferences

(ANNEXURE - IV)

PUBLICATION BREAKTHROUGH CHART



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[56541599500](#) <https://orcid.org/0000-0003-1446-3332>

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Name: **Prof. (Dr.) S Nallusamy**

Activities Collapse all

▼ **Employment (2)** Sort

Jadavpur University: Kolkata 700032, West Bengal, IN

2022-01-07 to present | Professor (DACEE) Employment [Show more detail](#)

Source: Prof. (Dr.) S Nallusamy



Prof. (Dr.) S. Nallusamy, B.E., M.E., Ph.D. (Engg.), CE (I), MIE (I), LMISTE, LMIE, LMISME

Professor, DACEE, Jadavpur University, Kolkata - 700032, India
Verified email at jadavpuruniversity.in - [Homepage](#)

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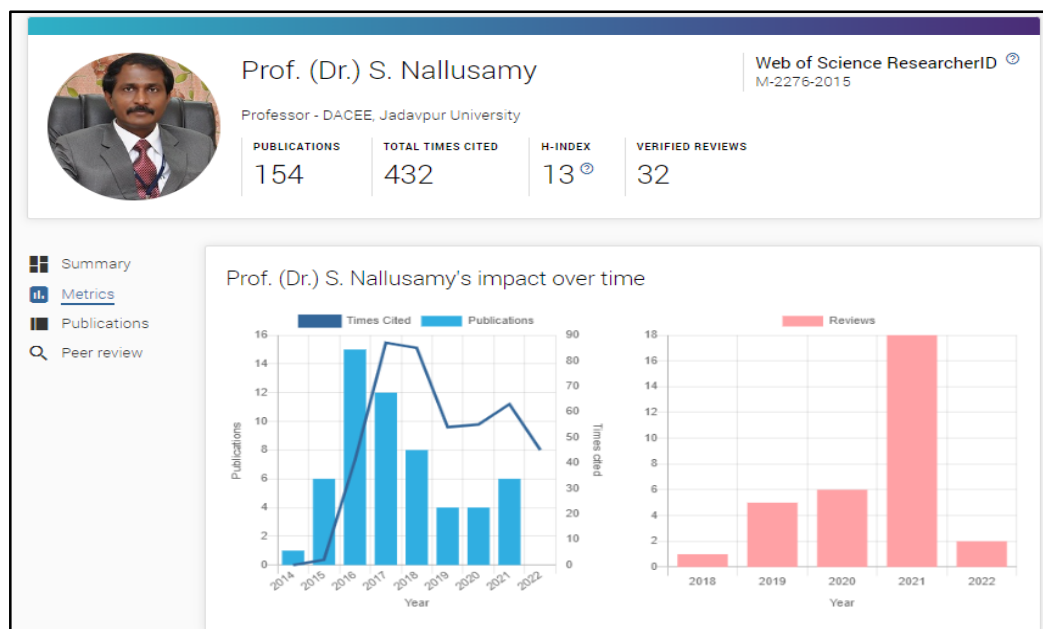
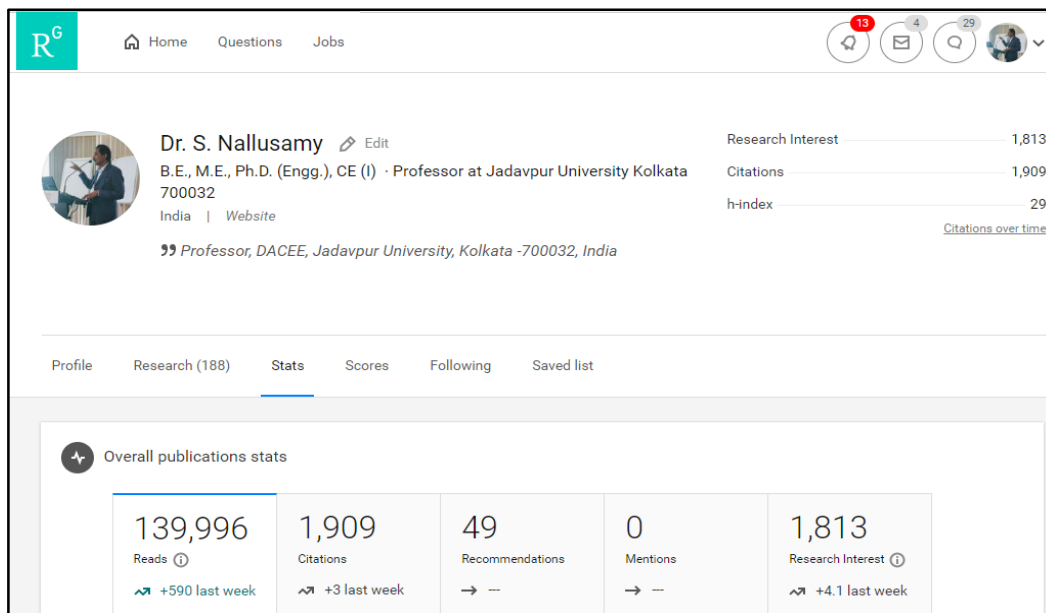
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Cited by

	All	Since 2017
Citations	2431	2258
h-index	32	29
i10-index	63	62

TITLE	CITED BY	YEAR
<input type="checkbox"/> Implementation of Lean Tools in an Automotive Industry for Productivity Enhancement - A Case Study S Nallusamy, MA Adil Ahamed International Journal of Engineering Research in Africa 29 (1), 175-185	90	2017
<input type="checkbox"/> Enhancement of Productivity and Efficiency of CNC Machines in a Small Scale Industry Using Total Productive Maintenance S Nallusamy International Journal of Engineering Research in Africa 25 (1), 119-126	80	2016





PERSONAL DETAILS

Father's Name : K. Sellappa Gounder
 Date of Birth & Age : 10/05/1969 & 52 Years
 Nationality & Religion : Indian & Hindu
 Community : BC
 Marital Status : Married
 Address for Communication (Off) : **Professor, Department of ACEE,
 Jadavpur University, Kolkata - 700 032
 West Bengal, India, Phone: 033-24572290
 Mobile: 0-9962306799**
 Address for Communication (Res.): No.18, Old No.4, G-5, Noah Square,

Srinivasa Nagar, Koyambedu,
Chennai, Tamilnadu-600 107, India

Conduct No : **0-99623 06799**

E- Mail : **ksnallu@gmail.com**
snallusamy@jadavpuruniversity.in

LINKS

Scopus : <https://www.scopus.com/authid/detail.uri?authorId=56541599500>

Google Scholar : <https://scholar.google.co.in/citations?user=WKFjDOEAAAAAJ&hl=en>

Research Gate : https://www.researchgate.net/profile/S_Nallusamy2/publications

ORCID : <http://orcid.org/0000-0003-1446-3332>

Researcher ID :

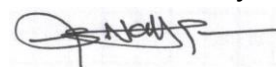
<http://www.researcherid.com/ProfileView.action?returnCode=ROUTER.Unauthorized&Init=Yes&SrcApp=CR&queryString=KG0UuZjN5WlaYvIPUKo7mpjBgFvBbCffoJmG7zJPcgY%253D>

Declaration

The details furnished above are true and correct to the best of my knowledge and belief.

Date: 28.07.2022

Yours faithfully,



Place: Kolkata-700032

(S. Nallusamy)

REVIEWER AND EDITORIAL BOARD MEMBER OF JOURNALS

(ANNEXURE I)

- 1) SN Applied Sciences (Springer.com)
- 2) Regional Sustainability (ScienceDirect.com)
- 3) Engineering Failure Analysis ((Elsevier.com)
- 4) Geothermics (ScienceDirect.com)
- 5) Journal of Magnesium and Alloys (ScienceDirect.com)
- 6) Cogent Engineering (Taylor & Francis)
- 7) Applied Thermal Engineering (Elsevier.com)
- 8) Asia Pacific Management Review (Elsevier.com)
- 9) Renewable and Sustainable Energy Reviews (Elsevier.com)
- 10) Social Sciences & Humanities Open (Elsevier.com)
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- 38) Polymer (Elsevier.com)

- 39) Journal of Cleaner Production (Elsevier.com)
- 40) Materials Letters (Elsevier.com)
- 41) Heliyon (Elsevier.com)
- 42) Transportation Research Part D: Transport & Environment (Elsevier.com)
- 43) 46th Int. Conference on Metallurgical Coatings and Thin Films (Elsevier.com)
- 44) Human Factors and Ergonomics in Manufacturing & Service Industries (Wiley Periodicals, Inc)
- 45) Environmental Progress & Sustainable Energy (Wiley Online Library)
- 46) Journal of Applied Polymer Science (Wiley online Library)
- 47) International Journal of Energy Research (Wiley online Library)
- 48) Heat Transfer - Asian Research (Wiley Periodicals, Inc)
- 49) Advances in Mechanical Engineering (Sagepub.com)
- 50) Part C: Journal of Mechanical Engineering Science (Sagepub.com)
- 51) Environmental Engineering Research (eeer.org)
- 52) Journal of Engineering (Hindawi.com)
- 53) Journal of Engineering and Technological Sciences (Institut Teknologi Bandung)
- 54) De-Witty Journal of Agricultural Sciences (De-Witty Publishers.com)
- 55) International Journal of Nanoscience (World Scientific)
- 56) Int. Journal of Information Tech. & Decision Making (World Scientific)
- 57) Journal of Nano Research (Scientific.Net)
- 58) International Journal of Engineering Research in Africa (Scientific.Net)
- 59) Nano Hybrids and Composites (Scientific.Net)
- 60) Advanced Engineering Forum (Scientific.Net)
- 61) Defect and Diffusion Forum (Scientific.Net)
- 62) Transfer Phenomena in Fluid and Heat Flows III (Scientific.Net)
- 63) Journal of Industrial Engineering and Management (Omnia Science)
- 64) Advanced Materials Letters (VBRI Press)
- 65) International Journal of Energy for a Clean Environment (Begell House)
- 66) Science International (si.amscentral.com)
- 67) Asian Journal of Industrial Engineering (Science Alert)
- 68) Tribology in Industry (University of Kragujevac)
- 69) Leather and Footwear Journal (INCDTP)
- 70) Global Journal of Management and Business (Premier Publishers)
- 71) Int. Research Journal of Materials Science and Engg. (Premierpub.org)

1. **S. Nallusamy**, Silvestre, S.E.M., Chaicha, V.D.P. and Merino, J.C.A., (2022) "Implementation of a Lean Manufacturing and SLP-Based System for a Footwear Company, **Production**, Vol. 32, Pp. e20210072.
2. **S. Nallusamy**, R.T. Chander and G V Punnarao, (2022), "Experimental Study on Reinforced Aluminium Metal Matrix Composites with B4C through Different Techniques ", **Material Science Forum**, Vol. 1065, No. 1, Pp. 59-68
3. **S. Nallusamy**, S. Sundar and S. Saravanan, (2022), "Experimental study and analysis on surface integrity by hardened steel end milling", **Lecture Notes in Mechanical Engineering**, Vol. 01, No. 1, Pp. 381-385.
4. D. Sobyra, Bhargav H Prakash and **S. Nallusamy**, (2022), "Detection of Airport Disguise and Threat Objects using Shortwave-Infrared Imaging and Machine Learning Techniques" **International Journal of Engineering Trends and Technology**, Vol. 70, No. 2, Pp. 270-273
5. D. Sobyra, **S. Nallusamy** and Partha Sarathi Chakraborty, (2021), "Improvement of Overall Performance by Implementation of Different Lean Tools - A Case Study", **International Journal of Performability Engineering**, Vol. 17(9), pp. 804-814.
6. **S. Nallusamy**, M. R. Narayanan, S. Sujatha and R. Suganthini Rekha, (2021), "Experimental investigation of mechanical properties and effect of porosity on epoxy granite composite", **Material Science Forum**, Vol. 1042, Pp. 123-129
7. Soumitra Singh, P.S. Chakraborty, **S. Nallusamy** and K. Balakannan, (2021), "Design and development of semantic ontology for large scale manufacturing industry with help of expert miner", **International Journal of Engineering Trends and Technology**, Vol. 69, No. 5, Pp. 186-189
8. Swetha Madhusudanan and **S. Nallusamy**, (2021), "Analysis and comparison of thermal conductance and indoor air temperature on industrial slag with conventional bricks", **International Journal of Ambient Energy**, DOI: 10.1080/01430750.2021.1910071
9. **S. Nallusamy**, (2021), "Material modeling on epoxy granite composite by analytical model and regression analysis", **International Journal of Performability Engineering**, Vol. 17, No. 3, Pp. 253-262
10. R. Srinivasan, S. Manivannan, S. Prasanna Devi, **S. Nallusamy** and N. Ethiraj, (2021), "Predictive analysis of time to failure for sustainable development in an automobile component manufacturing industry", **Journal of Green Engineering**, Vol. 11, No. 2, pp. 1088-1105
11. **S. Nallusamy**, (2021), "Performance measurement on inventory management and logistics through various forecasting techniques", **International Journal of Performability Engineering**, Vol. 17, No. 2, Pp. 216-228

12. C.B. Senthilkumar and **S. Nallusamy**, (2021), "Enrichment of quality rate and output level in a medium scale manufacturing industry by implementation of appropriate quality tools", **Materials Today: Proceedings**, Vol. 37, No. 2, Pp. 817-822
13. K. Sujatha, **S. Nallusamy**, P.Senthilkumaar, A. Francis Panimathy and K. Silambarasan, (2021), "Study of mineral content available in the brain of ten fishes from two fish landing centres in Tamilnadu and Andhra Pradesh", **Materials Today: Proceedings**, Vol. 37, No. 2, Pp. 810-816
14. **S. Nallusamy** and K. Sujatha, (2021), "Experimental analysis of nanoparticles with cobalt oxide synthesized by coprecipitation method on electrochemical biosensor using FTIR and TEM", **Materials Today: Proceedings**, Vol. 37, No. 2, Pp. 728-732
15. **S. Nallusamy**, (2021), 'Execution of lean and industrial techniques for productivity enhancement in a manufacturing industry", **Materials Today: Proceedings**, Vol. 37, No. 2, Pp. 568-575
16. **S. Nallusamy**, (2021), "Investigation on silicon nitride superimposed nanocoated cutting tool by physical vapour deposition and atomic force microscopy", **Applied Nanoscience**, Vol. 11, No. 4, Pp. 1107-1115
17. N. Suresh Kumar, M. Thangamani, V. Sasikumar and **S. Nallusamy**, (2021), "An improved machine learning approach for predicting ischemic stroke", **International Journal of Engineering Trends and Technology**, Vol. 69, No. 1, Pp. 111-115
18. J. Logeshwaran, RM Nachiappan and **S. Nallusamy**, (2021), "Evaluation of overall manufacturing line effectiveness with inventory between sustainable processes in continuous product line manufacturing system", **Journal of Green Engineering**, Vol. 11, No. 1, pp. 104-121
19. V. Thirugnana Sambandan, T. Felix Kala and **S. Nallusamy**, (2021), "Influence of cultural values on strategic and operational aspects of construction safety management in sustainable business organisations", **Journal of Green Engineering**, Vol. 11, No. 1, pp. 39-53
20. M. Thangamani, R. Vijayalakshmi, M. Ganthimathi, Ranjita, P. Malarkodi and **S. Nallusamy**, (2020), Efficient classification of heart disease using k-means clustering algorithm, **International Journal of Engineering Trends and Tech.**, Vol. 68, No. 12, pp. 48-53
21. Paucar, V., Munive, S., Nunez, V., Marcelo, G.E., Alvarez, J.C. and **Nallusamy, S.**, (2020), Development of a lean manufacturing and slp-based system for a footwear company, **IEEE International Conference on Industrial Engineering and Engineering Management**, Vol. 2020, Pp. 1112-1116
22. Soumitra Singh, P S Chakraborty, **S. Nallusamy** and K. Balakannan, (2020), "Process analysis on large scale manufacturing industry for performance and sustainable development", **Journal of Green Engineering**, Vol. 10, No. 12, pp. 12737-12752
23. V. Thirugnana Sambandan, T. Felix Kala and **S. Nallusamy**, (2020), "Safety attitudes, risk perceptions and safe behaviours of construction workers and sustainability at workplace environments", **J. of Green Engineering**, Vol. 10, No. 12, pp. 12837-12850

24. A. Ghosh, Partha Sarathi Chakraborty, **S. Nallusamy** and K. Balakannan, (2020), "Impact of natural gas combined cycle power plant on Gomati river, Tripura", **Journal of Green Engineering**, Vol. 10, No. 11, pp. 11853-11871
25. R. Pradeepraj, K. Rajan, **S. Nallusamy** and N. Ethiraj, (2020), "Impact of 1-Hexanol fumigation on diesel engine emissions using moringa oleifera biodiesel", **Internatoinal Journal of Engineering Trends and Technology**, Vol. 68, No. 11, pp. 150-155
26. J. Logeshwaran, R.M. Nachiappan, **S. Nallusamy** and N. Ethiraj, (2020), "A review on development of effectiveness evaluation in the manufacturing system", **International Journal of Engineering Trends and Technology**, Vol. 68, No. 11, pp. 129-136
27. N. Manikanda Prabu, **S. Nallusamy** and G. Sureshkannan, (2020), "Investigation of heat transfer enhancement effect on normal and nano coated wick structure heat pipes-a comparative assessment", **International Journal of Engineering Research in Africa**, Vol. 51, pp.191-198
28. P.Seetha Subha Priya, S. Nandhinidevi, M. Thangamani and **S. Nallusamy**, (2020), "A review on exploring the deep learning concepts and applications for medical diagnosis", **International Journal of Engineering Trends and Technology**, Vol. 68, No. 10, pp. 63-66
29. V. Thirugnana Sambandan, T. Felix Kala and **S. Nallusamy**, (2020), "An empirical analysis on evaluation of safety attitudes and perceptions of civil engineering and construction management personnel", **International Journal of Engineering Trends and Technology**, Vol. 68, No. 10, pp. 74-80
30. S. Jafer Ali Ibrahim, A. Mohamed Affir, M. Thangamani and **S. Nallusamy**, (2020), "Compound feature generation and boosting model for cancer gene classification", **International Journal of Engineering Trends and Technology**, Vol. 68, No. 10, pp. 48-51
31. K.Rajan, A. Manoj Babu, Ravichandraganesh, **S. Nallusamy** and K.R. Senthilkumar, (2020), "Performance assessment of DI diesel engine using waste transformer oil with different compression ratios", **International Journal of Ambient Energy**, Vol. 50, pp. 01-09
32. **S. Nallusamy**, K. Sujatha, K. Rajan and K.R.Vijaya Kumar, (2020), "Analysis of particle damping characteristics on steel vertical machining centre column with epoxy reinforced granite", **International Journal of Engineering Research in Africa**, Vol. 50, pp. 94-102
33. V. Thirugnana Sambandan, T. Felix Kala and **S. Nallusamy**, (2020), "Prevalent cultural values and its effect on safety engineering approaches and acuteness in construction sites-Chennai, India", **International Journal of Engineering Trends and Technology**, Vol. 68, No. 8, pp. 80-84
34. V. Thirugnana Sambandan, T. Felix Kala and **S. Nallusamy**, (2020), "Authentication study on characteristics of safety management customs in construction engineering", **International Journal of Engineering Trends and Technology**, Vol. 68, No. 8, pp. 75-79

35. **S. Nallusamy**, Gyan Ranjan, Jashim Uddin, Keisham Danesh Kumar and Krishna Govind Swamy, (2020), "Execution of systematic lean approach for reduction of defects in foundry division of manufacturing industry", **Int. Journal of Mechanical and Production Engineering Research and Development**, Vol. 10, No. 3, Pp. 811-822
36. **S. Nallusamy**, Pankaj Shah, Suraj Kumar Singh, National Pilla and M.D. Hamid Reza, (2020), "Evaluation of human posture and ergonomics by appropriate assessment tool in a medium scale manufacturing industry", **Int. Journal of Mechanical and Production Engineering Research and Development**, Vol. 10, No. 3, Pp. 861-872
37. K. R. Vijaya Kumar, M. Thayumanavan, J. Jayaseelan and **S. Nallusamy**, (2020), "Fabrication of coconut raw leaf epoxy composite for sustainable hut roofs", **International Journal of Mechanical and Production Engineering Research and Dev.**, Vol. 10, No. 3, Pp. 259-268
38. G.V. Punna Rao, **S. Nallusamy**, P.S. Charoborty and S. Muralikrishna, (2020), "Study on productivity improvement in medium scale manufacturing industry by execution of lean tools", **International Journal of Engineering Research in Africa**, Vol. 48, Pp. 193-207
39. N. Manikanda Prabu, P. Maniiarasan, **S. Nallusamy** and S. Jeevanantham, (2020), "Influence of boron nitride nano additives in cutting fluid for improving surface roughness with MRR", **International Journal of Nanomanufacturing**, Vol. 16, No. 1, Pp. 61-67
40. Gautam Majumdar and **S. Nallusamy**, (2019), "ABC analysis and diminution of inventory level through forecasting technique in a medium scale manufacturing industry", **Proceeding of the International Conference on Industrial Engineering and Operations Management**, Vol. 1, pp. 461-472
41. Rajat S. Sen, Gautam Majumdar and **S. Nallusamy**, (2019), "Enhancement of overall equipment effectiveness through implementation of total productive maintenance", **Proceeding of the International Conference on Industrial Engineering and Operations Management**, Vol. 1, pp. 475-484
42. Gunji Venkata Punna Rao, **S. Nallusamy** and P. Raman, (2019), "Enhancement of production in subassembly line of a medium scale industry using different lean tools and Flexsim simulation software", **International Journal of Engineering Research in Africa**, Vol. 44, Pp. 229-239
43. **S. Nallusamy**, S. Seenuvasa Rajan, Sundar, S and Gautam Majumdar, (2019), "Study on enhancement of quality level through a lean approach in an original equipment manufacturer", **International Journal of Engineering Research in Africa**, Vol. 43, Pp. 145-156
44. Swetha M, Lilly Rose Amirtham and **S. Nallusamy**, (2019), "Symbiotic outcomes of potency and microstructure on nanocomposite with microsilica and nanosilica additives", **Journal of Nano Research**, Vol. 57, Pp. 105-116
45. Usha Sivasankaran, Seetha Raman and **S. Nallusamy**, (2019), "Experimental analysis of mechanical properties on concrete with nano silica additive", **Journal of Nano Research**, Vol. 57, Pp. 93-104

46. D. Solomon Christopher, C.B. Senthilkumar and **S. Nallusamy**, (2019), "An Assessment of Consumers Attitude in Organic Products usage Purposes and Dominant Groups", **International Journal of Mechanical Engineering and Technology**, Vol. 10, No. 1, Pp. 1331-1338
47. G.V. Punna Rao and **S. Nallusamy**, (2018), "Execution of lean and ZF production system in manufacturing line for productivity enrichment-A case study", **Int. Journal of Engineering Research in Africa**, Vol. 40, Pp. 171-183
48. N. Lokeshwaran, T. Suresh, P. Booneshwaran, V. Thirunavukkarasu, M. Gnanasekaran and **S. Nallusamy**, (2018), "Enhancement of productivity in textile industries through weavers ergonomic factors", **International Journal of Mechanical Engineering and Technology**, Vol. 9, No. 12, Pp. 585-595
49. A. Karthikeyan and **S. Nallusamy**, (2018), "Experimental investigation of wear properties on aluminium-6061 based silicon carbide composites using SEM", **Int. Journal of Mechanical Engineering and Tech.**, Vol. 9, No. 10, Pp. 454-463
50. **S. Nallusamy** and G.V. Punna Rao, (2018), "Enhancement of pass percentage through lean six sigma approach in degree level technical educational institutions", **Int. Journal of Engg. Research in Africa**, Vol. 39, Pp. 191-201
51. **S. Nallusamy**, M. Rajaram Narayanan and S. Saravanan, (2018), "Investigation on structural steel and silicon carbide aluminum metal matrix composite spur gears using PTC creo and ANSYS 16.0", **Material Science Forum**, Vol. 937, Pp. 33-41
52. M. Rajaram Narayanan and **S. Nallusamy**, (2018), "Analysis on vibration characteristics of wind turbine blade to improve the effectiveness through CFD developed by ANSYS", **Material Science Forum**, Vol. 937, Pp 43-50
53. M. Rajaram Narayanan, **S. Nallusamy** and Ragesh Sathiyam, (2018), "Design and analysis of a wind turbine blade with dimples to enhance the efficiency through CFD with ANSYS R16.0", **MATEC Web of Conference**, Vol. 207, No. 2004, Pp. 01-05.
54. **S. Nallusamy**, (2018), "Synthesis and performance characterization of nanolubricants proposed for heavy load ball bearing", **Journal of Nano Research**, Vol. 54, Pp. 75-87
55. **S. Nallusamy**, M. Rajaram Narayanan and R. S. Rekha, (2018), "Design and performance analysis of vehicle tyre pattern material using finite element analysis and ANSYS R16.2", **Key Engineering Materials**, Vol. 777, Pp. 426-431
56. **S. Nallusamy** and V. Saravanan, (2018), "Optimization of process flow in an assembly line of manufacturing unit through lean tools execution", **International Journal of Engineering Research in Africa**, Vol. 38, Pp. 133-143
57. **S. Nallusamy**, R. Suganthini Rekha and S. Saravanan, (2018), "Study on Mechanical Properties of Mono Composite Steel Plate Cart Spring using Pro-Engineer and ANSYS R16.0", **International Journal of Engineering Research in Africa**, Vol. 37, Pp. 13-22
58. D. Sri Lakshmana Kumar, **S. Nallusamy** and V. Ramakrishnan, (2018), "Proposed inventory management model to improve the supply chain efficiency and surplus in textile industry", **International Journal of Mechanical Engineering and Technology** Vol. 9, No. 5, Pp. 675-686

59. D. Soby, S.K. Muruganandham, **S. Nallusamy** and P.S. Chakraborty, (2018), "Wireless ECG monitoring system using IoT based signal conditioning module for real time signal acquisition", **Indian Journal of Public Health Research and Development**, Vol. 9, No. 2, Pp. 294-299
60. S.K. Muruganandham, D. Soby, **S. Nallusamy**, Dulal Krishna Mandal and P.S. Chakraborty, (2018), "Study on leaf segmentation using k-means and k-medoid clustering algorithm for identification of disease", **Indian Journal of Public Health Research and Development**, Vol. 9, No. 2, Pp. 289-293
61. A. Kaleel Ahmed, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "Significance of research design in supply chain management for small and medium enterprises", **International Journal of Mechanical Engineering and Technology**, Vol. 9, No. 4, Pp. 763-770
62. K.M. Ayshath Zaheera, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "Significance of an employee and team satisfaction for augmentation and successfulness of an organization", **International Journal of Mechanical Engineering and Technology**, Vol. 9, No. 4, Pp. 771-779
63. A. Kaleel Ahmed, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "Role of supply chain management on Indian industrial sectors", **Int. Journal of Mechanical Engineering and Technology**, Vol. 9, No. 4, Pp. 460-467
64. Ayshath Zaheera, Senthil Kumar and **S. Nallusamy**, (2018), "Important factors on human recruitment approach for the accomplishment of an organization", **Int. Journal of Mechanical Engg. and Technology**, Vol. 9, No. 4, Pp. 450-459
65. **S. Nallusamy**, K. Balakannan, P.S. Chakraborty and Gautam Majumdar, (2018), "A mixed-integer linear programming model of closed loop supply chain network for manufacturing system", **International Journal of Engineering Research in Africa**, Vol. 35, Pp. 198-207
66. Sri Lakshmana Kumar, **S. Nallusamy** and Rakesh Modak, (2018), "Execution of value engineering approach for design development and cost reduction of monoblock pump", **ARPJ Journal of Engineering and Applied Sciences**, Vol. 3, No. 5, Pp. 1734-1741
67. G. Abhishek, C. B. Senthilkumar and **S. Nallusamy**, (2018), "Study on effectiveness of internal and external training to the development of employee in corporate sectors and hospital", **Indian Journal of Public Health Research and Development**, Vol. 9, No. 3, Pp. 259-264
68. S. Suganthi, C. B. Senthilkumar and **S. Nallusamy**, (2018), "Study on factors affecting the physical and mental health by stress and emotional crisis of working women", **Indian Journal of Public Health Research and Development**, Vol. 9, No. 3, Pp. 335-340
69. **S. Nallusamy**, Christina Mary P. Paul and K. Sujatha, (2018), "Bio-medical waste management system in multi-specialty hospital using Birnbaum's measures-A case study", **Indian Journal of Public Health Research and Development**, Vol. 9, No. 2, Pp. 283-289

70. **S. Nallusamy**, Christina Mary P. Paul and Pragna. B. Dolia, (2018), "Development of inventory model for health care system in multi-speciality hospitals using ARENA", **Indian Journal of Public Health Research and Development**, , Vol. 9, No. 2, Pp. 276-282
71. K. Elangovan, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "Enhancement of navigation and people life style at metros-A CMRL study", **Int. Journal of Mechanical Engineering and Technology**, Vol. 9, No. 2, pp. 679-685.
72. V. Ramakrishnan, **S. Nallusamy** and M. Rajaram Narayanan, (2018), "Study on lean tools implementation in various Indian small and medium scale manufacturing industries", **Int. Journal of Mechanical and Production Engineering Research and Development**, Vol. 8, No. 1, Pp. 969-976
73. **S. Nallusamy**, R. Nivedha, E. Subash, V. Venkadesh, S. Vignesh and P. Vinoth Kumar, (2018), "Minimization of rejection rate using lean six sigma tool in medium scale manufacturing industry", **International Journal of Mechanical Engineering and Technology**, Vol. 9, No. 1, pp. 1184-1194
74. M. Rajaram Narayanan, **S. Nallusamy** and Sri Lakshmana Kumar, (2018), "Characterization of machining parameters on EN 31 with Al₂O₃ nanoparticles using taguchi technique", **International Journal of Mechanical Engineering and Technology**, Vol. 9, No. 1, pp. 1173-1183
75. A. Kaleel Ahmed, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "A study on amalgamation of internet of things in industrial applications", **International Journal of Mechanical and Production Engineering Research and Development**, Vol. 8, No. 1, Pp. 1279-1286
76. A. Kaleel Ahmed, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "Study on environmental impact through analysis of big data for sustainable and green supply chain management", **Int. Journal of Mechanical and Production Engineering Research and Development**, Vol. 8, No. 1, Pp. 1245-1254
77. K.M. Ayshath Zaheera, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "Execution of selection process in regular area of industrial application with its current features for manufacturing enhancement in SMEs", **International Journal of Mechanical and Production Engineering Research and Development**, Vol. 8, No. 1, Pp. 1191-1198
78. K.M. Ayshath Zaheera, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "Investigation study on effective tools for conscription of various industrial applications", **International Journal of Mechanical and Production Engineering Research and Development**, Vol. 8, No. 1, 1221-1230
79. **S. Nallusamy**, Vijay Kumar, Vivek Yadav, U. Kumar Prasad and S.K. Suman, (2018), "Implementation of total productive maintenance to enhance the overall equipment effectiveness in medium scale industries", **International Journal of Mechanical and Production Engineering Research and Development**, Vol. 8, No. 1, Pp. 1027-1038
80. M. Rajaram Narayanan and **S. Nallusamy**, (2018), "Experimental analysis of aluminium alloy metal matrix composite with tungsten carbide by in-situ method using SEM", **Rasayan Journal of Chem.**, Vol. 11, No. 1, Pp. 355-360

81. S. Jeyabalan, V. Cyril Raj and **S. Nallusamy**, (2018), "A genetic algorithm based protein signal pathway analysis", **Indian Journal of Public Health Research and Development**, Vol. 9, No. 1, Pp. 402-406, DOI:10.5958/0976-5506.2018.00074.8
82. K. Elangovan, C.B. Senthil Kumar and **S. Nallusamy**, (2018), "Study on effect of Chennai metro rail limited routing system and its future growth", **International Journal of Mechanical and Production Engineering Research and Development**, Vol. 8, No. 1, Pp. 1079-1086
83. V. Saravanan, **S. Nallusamy** and Abraham George, (2018), "Efficiency enhancement in a medium scale gearbox manufacturing company through different lean tools - A case study", **International Journal of Engineering Research in Africa**, Vol. 34, Pp. 128-138
84. V. Saravanan, **S. Nallusamy** and K. Balaji, (2018), "Lead time reduction through execution of lean tool for productivity enhancement in small scale industries", **Int. Journal of Engg. Research in Africa**, Vol. 34, Pp. 116-127
85. Sri Lakshmana Kumar and **S. Nallusamy**, (2017), "Development of multi bin inventory maintenance management system in lean manufacturing using ARENA", **Journal of Engineering and Applied Sciences**, Vol. 12, No. 26, Pp. 7971-7980.
86. V. Ramakrishnan and **S. Nallusamy**, (2017), "Implementation of total productive maintenance lean tool to reduce lead time - A case study", **International Journal of Mechanical Engineering and Technology**, Vol. 8, No. 12, Pp. 295-306
87. Gunji Venkata Punna Rao, **S. Nallusamy** and M. Rajaram Narayanan, (2017), "Augmentation of production level using different lean approaches in medium scale manufacturing industries", **International Journal of Mechanical Engineering and Technology**, Vol. 8, No. 12, Pp. 360-372
88. V. Ramakrishnan and **S. Nallusamy**, (2017), "Optimization of production process and machining time in CNC cell through the execution of different lean tools", **International Journal of Applied Engineering Research**, Vol. 12, No. 23, Pp. 13295-13302
89. **S. Nallusamy**, M. R. Narayanan and Logeshwaran, (2017), "Synthesis and machining characterization of copper-multiwalled carbon nanotubes-graphene hybrid composite using SEM and ANOVA", **Journal of Nano Research**, Vol. 50, Pp. 105-115
90. **S. Nallusamy**, F. Fredrick Gnanaraj and D.A. Vinoth, (2017), "Performance and emission characteristics of diesel engine using rapeseed and pongamia oil as biofuel", **Pollution Research**, Vol. 36, No. 4, Pp. 229-234
91. **S. Nallusamy**, S. Saravanan, V. Kannarasu and M. Rajaram Narayanan, (2017), "Experimental analysis on reinforced aluminium metal matrix with boron carbide, graphite and fly ash composites", **Rasayan Journal of Chemistry**, Vol. 10, No. 4, Pp. 1368-1373
92. **S. Nallusamy**, M. Rajaram Narayanan and S. Hariharan, (2017), "Synthesis and characterization of TiN, TiAlN and TiAlN/Si₃N₄ nanocomposites", **Rasayan Journal of Chemistry**, Vol. 10, No. 4, Pp. 1289-1295

93. S. Jeevanantham, N.M. Sivaram, D.S. Robinson Smart and **S. Nallusamy**, (2017), "Optimization of internal grinding process parameters on C40E steel using taguchi technique", **International Journal of Applied Engg. Research**, Vol. 12, No. 19, Pp. 8660-8664
94. A. Karthikeyan and **S. Nallusamy**, (2017), "Investigation on mechanical properties and wear behavior of Al-Si-SiC-Graphite composite using SEM and EDAX", **Materials Science and Engineering**, Vol. 225, Pp. 01-09
95. **S. Nallusamy**, R. Suganthini Rekha and A. Karthikeyan, (2017), "Investigation on mechanical properties of coir fiber reinforced polymer resin composites saturated with different filling agents", **Materials Science and Engineering**, Vol. 225, Pp. 01-09
96. R. Suganthini Rekha, P. Periyasamy and **S. Nallusamy**, (2017), "Manufacturing enhancement through reduction of cycle time using different lean techniques", **IOP Conference Series: Materials Science and Engg**, Vol. 225, Pp. 01-09
97. **S. Nallusamy** and J. Logeshwaran, (2017), "Experimental analysis on nanolubricants used in multi cylinder petrol engine with copper oxide as nanoparticle", **Rasayan Journal of Chemistry**, Vol. 10, No. 3, Pp. 1050-1055
98. **S. Nallusamy**, S. Sendilvelan, K. Bhaskar and N. Manikanda Prabu, (2017), "Analysis of performance, combustion and emission characteristics on biofuel of novel pine oil", **Rasayan Journal of Chemistry**, Vol. 10, No. 3, Pp. 873-880
99. **S. Nallusamy** and A. Karthikeyan, (2017), "Synthesis and wear characterization of reinforced glass fiber polymer composites with epoxy resin using granite powder", **Journal of Nano Research**, Vol. 49, Pp. 01-09
100. S. Jeevanantham, D.S. Robinson Smart, N.M. Sivaram, **S. Nallusamy** and N. Manikanda Prabu, (2017), "Effect of machining parameters on MRR and surface roughness in internal grinding using EN8, EN31 steel", **International Journal of Applied Engineering Research**, Vol. 12, No. 11, Pp. 2963-2968
101. **S. Nallusamy** and N. Manikanda Prabu, (2017), "Heat transfer enhancement analysis of Al₂O₃-water nanofluid through parallel and counter flow in shell and tube heat exchangers", **International Journal of Nanoscience**, Vol. 16, No. 5&6, Pp. 01-07
102. A. Karthikeyan and **S. Nallusamy**, (2017), "Experimental analysis on sliding wear behaviour of aluminium-6063 with SiC particulate composites", **International Journal of Engineering Research in Africa**, Vol. 31, Pp. 36-43
103. S. Sendilvelan, K. Bhaskar and **S. Nallusamy**, (2017), "Experimental investigation on cerium oxide nanoparticles with alumina catalytic converter to increase emission conversion efficiency in automobiles", **Rasayan Journal of Chemistry**, Vol. 10, No. 2, Pp. 454-460
104. **S. Nallusamy** and Adil Ahamed M.A., (2017), "Implementation of lean tools in an automotive industry for productivity enhancement - A case study", **International Journal of Engineering Research in Africa**, Vol. 29, Pp. 175-185
105. **S. Nallusamy** and Gautam Majumdar, (2017), "Enhancement of overall equipment effectiveness using total productive maintenance in a manufacturing industry", **International Journal of Performability Engineering**, Vol. 13, No. 2, Pp. 173-188

106. **S. Nallusamy**, R. Balaji and S. Sundar, (2017), "Proposed model for inventory review policy through ABC analysis in an automotive manufacturing industry", **Int. Journal of Engg. Research in Africa**, Vol. 29, Pp. 165-174
107. **S. Nallusamy**, (2017), "Characterization of Al₂O₃/water nanofluid through shell and tube heat exchangers over parallel and counter flow", **Journal of Nano Research**, Vol. 45, Pp. 155-163
108. **S. Nallusamy**, (2017), "Synthesis and Characterization of Carbon Black-Halloysite Nanotube Hybrid Composites using XRD and SEM", **Journal of Nano Research**, Vol. 45, Pp. 208-217
109. **S. Nallusamy**, (2016), "Overall performance improvement of a small scale venture using critical key performance indicators", **International Journal of Engineering Research in Africa**, Vol. 27, Pp. 158-166
110. R. Suganthini Rekha, P. Periyasamy and **S. Nallusamy**, (2016), "An optimized model for reduction of cycle time using value stream mapping in a small scale industry", **Int. Journal of Engg. Research in Africa**, Vol. 27, Pp. 179-189
111. R. Suganthini Rekha, P. Periyasamy and **S. Nallusamy**, (2016), "Lean tools implementation for lead time reduction in CNC shop floor of an automotive component manufacturing industry", **Indian Journal of Science and Technology**, Vol. 9, No. 45, Pp. 01-06
112. **S. Nallusamy**, (2016), "Productivity enhancement in a small scale manufacturing unit through proposed line balancing and cellular layout", **Int. Journal of Performability Engineering**, Vol. 12, No. 6, Pp. 523-534
113. Jeevanantham, David Rathnaraj, Robinson Smart, **S. Nallusamy** and Manikanda Prabu, (2016), "A study on characteristics of parameters influencing internal grinding process with MRR", **Indian Journal of Science and Tech.**, Vol. 9, No. 37, Pp. 1-7
114. Suman Kumar Jha, **S. Nallusamy** and S.A. Diwakar, (2016), "Future energy scenario in India-An essential overview", **Pollution Research**, Vol. 35, No. 3, Pp. 595-599
115. **S. Nallusamy** and V. Saravanan, (2016), "Enhancement of overall output in a small scale industry through VSM, line balancing and work standardization", **International Journal of Engineering Research in Africa**, Vol. 26, Pp. 176-183
116. K. Balakannan, **S. Nallusamy**, P.S. Chakraborty and Gautam Majumdar, (2016), "Performance evaluation of supply chain and logistics management system using balanced score card for efficiency enhancement in Indian automotive industries", **Indian Journal of Science and Technology**, Vol. 9, No. 35, Pp. 1-9
117. **S. Nallusamy** and V. Saravanan, (2016), "Lean tools execution in a small scale manufacturing industry for productivity improvement- A case study", **Indian Journal of Science and Technology**, Vol. 9, No. 35, Pp. 1-7
118. **S. Nallusamy** and A. Karthikeyan, (2016), "Analysis of wear resistance, cracks and hardness of metal matrix composites with SiC additives and Al₂O₃ as Reinforcement", **Indian Journal of Science and Tech.**, Vol. 9, No. 35, Pp. 1-6
119. **S. Nallusamy**, (2016), "Efficiency enhancement in CNC industry using stream mapping, work standardization and line balancing", **International Journal of Performability Engineering**, Vol. 12, No. 5, Pp. 413-422

120. S. Nallusamy, (2016), "Enhancement of productivity and efficiency of CNC machines in a small scale industry using total productive maintenance", **International Journal of Engineering Research in Africa**, Vol. 25, Pp. 119-126
121. S. Nallusamy and Gautam Majumdar, (2016), "Effect of stacking sequence and hybridization on mechanical properties of jute-glass fiber composites", **Int. Journal of Performability Engineering**, Vol. 12, No. 3, Pp. 229-239
122. S. Nallusamy and Saurabh Kumar, (2016), "Efficiency and lifespan enhancement of product with dissimilar material using different techniques", **Indian Journal of Science and Technology**, Vol. 9, No. 16, Pp. 1-5
123. S. Nallusamy, (2016), "A proposed model for lead time reduction during maintenance of public passenger transport vehicles", **International Journal of Engineering Research in Africa**, Vol. 23, Pp. 174-180
124. S. Nallusamy, (2016), "Frequency analysis of lean manufacturing system by different critical issues in Indian automotive industries", **International Journal of Engineering Research in Africa**, Vol. 23, Pp. 181-187.
125. S. Nallusamy, (2016), "A review on the effects of casting quality, microstructure and mechanical properties of cast Al-Si-0.3Mg alloy", **Int. Journal of Performability Engineering**, Vol. 12, No. 2, Pp. 143-154
126. S. Nallusamy, (2016), "Analysis of MRR and TWR on OHNS die steel with different electrodes using electrical discharge machining", **International Journal of Engineering Research in Africa**, Vol. 22, Pp. 112-120
127. S. Nallusamy, (2016), "Thermal conductivity analysis and characterization of copper oxide nanofluids through different techniques", **Journal of Nano Research**, Vol. 40, Pp. 102-112
128. S. Nallusamy, (2016), "A proposed model for sustaining quality assurance using TQM practices in small and medium scale industries", **International Journal of Engineering Research in Africa**, Vol. 22, Pp. 184-190
129. S. Nallusamy, (2016), "Characterization of epoxy composites with TiO₂ additives and E-glass fibers as reinforcement agent", **Journal of Nano Research**, Vol. 40, Pp. 99-104
130. S. Nallusamy, (2015), "Experimental analysis of emission characteristics using CNSL biodiesel in dual fuel mode", **Pollution Res.**, Vol. 34, No. 4, Pp. 721-726
131. S. Nallusamy, (2015), "Lean manufacturing implementation in a gear shaft manufacturing company using value stream mapping", **International Journal of Engineering Research in Africa**, Vol. 21, Pp. 231-237
132. S. Nallusamy, (2015), "Analysis of welding properties in FSW aluminium 6351 alloy plates added with silicon carbide particles", **International Journal of Engineering Research in Africa**, Vol. 21, Pp. 110-117
133. S. Nallusamy and A. Manoj Babu, (2015), "X-Ray diffraction and FESEM analysis for mixture of hybrid nano particles in heat transfer applications", **Journal of Nano Research**, Vol. 37, Pp. 58-67
134. S. Nallusamy, A.M. Muhammad Umarmukdhar and R. Suganthini Rekha, (2015), "A proposed supply chain model for productivity enhancement in medium scale foundry industries", **International Journal of Engineering Research in Africa**, Vol. 20, Pp. 248-258

135. **S. Nallusamy**, D. Sri Lakshmana Kumar, K. Balakannan and P.S. Chakraborty, (2015), "MCDM tools application for selection of suppliers in manufacturing industries using AHP, Fuzzy Logic and ANN", **International Journal of Engineering Research in Africa**, Vol. 19, Pp. 130-137
136. **S. Nallusamy**, M. Ganesan, K. Balakannan and C. Shankar, (2016), "Environmental sustainability evaluation for an automobile manufacturing industry using multi-grade fuzzy approach", **International Journal of Engineering Res. in Africa**, Vol.19, Pp.123-129
137. **S. Nallusamy**, K. Balakannan, P.S. Chakraborty and Gautam Majumdar, (2015), "Reliability analysis of passenger transport vehicles in public sector undertaking", **International Journal of Applied Engineering Research**, Vol. 10, No. 68, Pp. 843-850
138. **S. Nallusamy**, A. Manoj Babu, N. Manikanda Prabu and K Balasubramanian, (2015), "Investigation on carbon nanotubes over review on other heat transfer nano fluids", **International Journal of Applied Engineering Research**, Vol. 10, No. 62, Pp. 112- 117
139. **S. Nallusamy**, N. Manikanda Prabu, J. Jayaprakash and K. Rajan, (2015), "Analysis of design features for inspection robot make use of concrete structures-An assessment", **International Journal of Engineering Research in Africa**, Vol. 17, Pp. 74-81
140. **S. Nallusamy**, G.B. Dinagaraj, K. Balakannan and S. Satheesh, (2015), "Sustainable green lean manufacturing practices in small scale industries-A case study", **International Journal of Applied Engineering Research**, Vol. 10, No. 62, Pp. 143-146
141. **S. Nallusamy**, S. Satheesh, P.S. Chakraborty and K. Balakannan, (2015), "A review on supplier selection problem in regular area of application", **Int. Journal of Applied Engineering Research**, Vol. 10, No.62, Pp. 128-132
142. **S. Nallusamy**, N. Manikanda Prabu , K. Balakannan and Gautam Majumdar, (2015), "Analysis of static stress in an alloy wheel of the passenger car", **International Journal of Engineering Research in Africa**, Vol. 16, Pp. 17-25
143. Suman Kumar Jha, **S. Nallusamy** and N. Manikanda Prabu, (2015), "Study and analysis of thermal energy storage system using phase change materials (PCM)", **International Journal of Applied Engineering Research**, Vol. 10, No. 62, Pp. 118- 122
144. R. Suganthini Rekha, **S. Nallusamy**, S. Manikandan and K. Balasubramanian, (2015), "Design and analysis of external expansion collet with hydraulic movement", **International Journal of Applied Engineering Research**, Vol. 10, No.62, Pp. 138-142
145. K. Balakannan, **S. Nallusamy**, P.S. Chakraborty and Gautam Majumdar, (2015), "Selection and evaluation of supplier by decision model of hybrid data envelopment analysis", **International Journal of Applied Engineering Research**, Vol. 10, No. 62, Pp. 123- 127
146. R. Suganthini Rekha, **S. Nallusamy**, R. Vijayakumar and S. Saravanan, (2015), "Modelling and analysis of crank shaft with metal matrix composites", **Int. Journal of Applied Engineering Research**, Vol. 10, No. 62. Pp. 133- 137

147. **S. Nallusamy**, R. Suganthini Rekha, K. Balakannan, P.S. Chakraborty and Gautam Majumdar, (2015), "A proposed agile based supply chain model for poultry based products in India", **International Journal of Poultry Science**, Vol. 14, No. 1, Pp. 57-62
148. N. Manikanda Prabu, T. Senthil Kumar and **S. Nallusamy**, (2014), "Effect of solvent ether (DEE) on internal combustion engine with J20 optimum characterized bio-diesel", **Applied Mechanics and Materials**, Vol. 592-594, Pp. 1520-1525

JOURNAL PAPER PUBLICATIONS (NON-SCOPUS)

(ANNEXURE - III)

1. A. Fathima, C.B. Senthilkumar, **S. Nallusamy** and E. Kandeepan, (2021), "Study on challenges and issues of women entrepreneurs in Tamilnadu with reference to Chennai district by likert scaling technique", **Annals of the Romanian Society for Cell Biology**, Vol. 25(3), Pp. 8076-8086
2. K. Sasidhar, D. Jayanthi and **S. Nallusamy**, (2021), "A study on Kanchipuram town morphological and revolution of cultural due to historical growth of temple city in Tamilnadu, India, **Turkish Journal of Physiotherapy and Rehabilitation**, Vol. 32, No. 2, Pp. 1751-1762
3. **S. Nallusamy** and Parthasarathi Chakraborty, (2020), "Minimization of rejection rate and lead time in medium scale foundry industry by using lean manufacturing practices", **SSRG International Journal of Mechanical Engineering**, Vol. 7(10), Pp. 01-12
4. **S. Nallusamy**, Gautam Majumdar, (2020), "Analysis on effect of machining parameters in oil pump back plate using response surface methodology", **SSRG International Journal of Mechanical Engineering**, Vol. 7(9), Pp. 20-26
5. SK. Muruganantham, **S. Nallusamy**, Dulal Krishna Mandal and P.S. Chakraborty, (2018), "Strategy development based security application to boost the software security defined network using modern proficient hill cipher algorithm", **International Journal of Computer Engineering & Technology**, Vol. 9(6), Pp. 11-20
6. S.K. Muruganandham, D. Sobyas, **S. Nallusamy**, D.K. Mandal and P.S. Chakraborty, (2018), "Framework development for improving the wireless network lifetime in mobile power sharing networks", **International Journal of Advanced Research in Engineering and Technology**, Vol. 9(4), Pp. 343-354
7. D. Sobyas, S.K. Muruganantham, **S. Nallusamy** and P.S. Chakraborty, "Development of IoT model for public distribution method in fair price shop", **Int.l Journal of Computer Engg. & Technology**, Vol. 9(3), (2018), 270-278
8. D. Sobyas, S.K. Muruganandham, **S. Nallusamy** and Partha Sarathi Chakraborty, (2018), "Bit error and data transmission rate augmentation through MIMO diversity technique", **International Journal of Advanced Research in Engineering and Technology**, Vol. 9(2), Pp. 94-103

9. D. Soby, SK. Muruganandham, S. Nallusamy and P.S. Chakraborty, "Establishment of smart meter reading scheme for monitoring the power in residence using bluetooth", **International Journal of Electrical Engineering & Technology**, Vol. 9(1), (2018), 67-75
10. B. Jareena Banu, D. Soby and S. Nallusamy, (2018), "Professional key management techniques and secured mapping schemes through wireless data centric sensor networks", **International Journal on Recent Researches in Science Engineering and Technology**, Vol. 6(3), Pp. 43-53
11. S. Nallusamy, M. Rajaram Narayanan and S. Saravanan, (2018), "Synthesis and characterization of aluminium 2024 with tungsten carbide metal matrix composite by in-situ method", **Chemistry**, Vol. 27, Pp. 235-243
12. B. Jareena Banu, D. Soby and S. Nallusamy, (2018), "Mixed bit saving dictionary selection algorithm for code compression ratio to field programmable gate array", **International Journal on Recent Researches in Science Engineering and Technology**, Vol. 6(2), Pp. 67-79
13. D. Soby, SK. Muruganantham, S. Nallusamy and P.S. Chakraborty, (2018), "A proposed model for smart farming in rural areas using IoT advanced technologies", **International Journal on Recent Researches in Science Engineering and Technology**, Vol. 6(1), Pp. 61-67
14. SK. Muruganantham, D. Soby, S. Nallusamy, Dulal Krishna Mandal and P.S. Chakraborty, (2018), "Study on mobile adhoc networks routing protocols to enhance the end-user experience", **International Journal on Recent Researches in Science Engineering and Technology**, Vol. 6(1), Pp. 54-60
15. SK. Muruganantham, S. Nallusamy, Dulal Krishna Mandal and P.S. Chakraborty, (2018), "Effective lifetime maximization in wireless sensor networks using the application of mending techniques", **Int. Journal of Advanced Research Trends in Engg. and Technology**, Vol. 5(1), Pp. 137-142
16. S. Sendilvelan and S. Nallusamy, (2017), "Experimental investigation on cerium oxide nano particles with alumina catalytic converter to increase emission conversion efficiency in automobiles", **Research Journal of Pharmaceutical, Biological and Chemical Sciences**, Vol. 8(1), Pp. 1319-1327
17. S. Nallusamy, G.V. Punna Rao, D.A. Vinoth and F. Fredrick Gnanaraj, (2017), "Fatigue minimization by development of fatigue risk management model for small scale manufacturing industries", **International Journal of Research in Mechanical, Mechatronics and Automobile Engineering**, Vol. 3(2), Pp. 1-8
18. S.K. Muruganandham, S. Nallusamy, D.K. Mandal and P.S. Chakraborty, (2017), "Evaluation and optimization of the traffic in GSM network- an extensive study", **International Journal on Recent Researches in Science Engineering and Technology**, Vol. 5(11), Pp. 14-21
19. D. Soby, S. Nallusamy and P.S. Chakraborty, (2017), "A proposed remote monitoring system by global system for mobile communication and internet technology", **International Journal on Recent Researches in Science Engineering and Tech.**, Vol. 5(11), Pp. 7-13

20. D. Soby, S.K. Muruganandham, S. Nallusamy and P.S. Chakraborty, "Bit error and data transmission rate augmentation through MIMO diversity technique", **Int. Journal of Advanced Research in Engg. and Tech.**, Vol. 9(2), (2018), 94-103
21. S. Nallusamy, M. Saravanakumar and B. Sathis Kumar, (2017), "Investigation of environmental conditions using artificial polluted conditions for selection of insulator material", **Advanced Engineering Forum**, Vol. 24, Pp. 01-11
22. SK. Muruganandham, S. Nallusamy, Dulal Krishna Mandal and P.S. Chakraborty, (2017), "Lifetime expansion of wireless sensor networking system using modern routing algorithm", **International Journal of Emerging Trends & Technology in Computer Science**, Vol. 6(4), Pp. 138-144
23. S. Nallusamy and J. Logeshwaran, (2017), "Effect on aluminium metal matrix composite reinforced with nano sized silica particles", **Journal of Metastable and Nanocrystalline Materials**, Vol. 29, Pp. 25-34
24. A. Karthikeyan and S. Nallusamy, (2017), "Investigation of microstructural and hardness properties of Al-Al₂O₃ nano surface composite", **Nano Hybrids and Composites**, Vol. 15, Pp. 36-45
25. Suman Kumar Jha, S. Nallusamy and Ashwin Mathur, (2016), "Enhancement of heat rejection rate in heat sink using phase change materials", **Australian Journal of Basic and Applied Sciences**, Vol. 10(1), Pp. 602-606
26. S. Nallusamy and N. Manikanda Prabu, (2016), "Synthesis and characterization of carbon nano fiber with reinforced polymer resin matrix composite", **Nano Hybrids and Composites**, Vol. 10, Pp. 20-27
27. S. Nallusamy, (2016), "Analysis of mechanical properties on roselle fibre with polymer matrix reinforced composite", **Advanced Engg. Forum**, Vol.16, Pp.1-6
28. S. Nallusamy, (2016), "Study of mechanical properties on bi-directional E-glass fiber with epoxy resin multi walled CNT Nano Composite", **Nano Hybrids and Composites**, Vol.10, Pp.14-19
29. B. Jareena Banu, S. Nallusamy and M. Saravanakumar, (2016), "Decentralized security model based on ethereum network with smart contract blockchain ecosystem for vehicles battery swapping", **Int. Journal of Research in Mechanical, Mechatronics and Automobile Engg.**, Vol. 1(4), Pp. 130-138
30. S. Nallusamy, A. Manoj Babu and K. Rajan, (2015), "Experimental analysis on vapour compression refrigeration system using nanolubricant with HFC-134a refrigerant", **Nano Hybrids and Composites**, Vol. 9, Pp. 33-43
31. S. Nallusamy and S. Muthamizhmaran, (2015), "Enhancement of productivity and overall equipment efficiency using time and motion study technique -A review", **Advanced Engineering Forum**, Vol. 14, Pp. 59-66
32. S. Nallusamy and P. Ambedkar, (2015), "Analysis and ranking of critical supply chain risk factors in small & medium scale industries using QFD", **Advanced Engineering Forum**, Vol. 14, Pp. 67-75
33. G.B. Dinagaraj, S. Nallusamy and R. Suganthini Rekha, (2015), "Threat reduction in logistics via real-time vehicle routing system using wireless technologies", **International Journal of Research in Mechanical, Mechatronics and Automobile Engineering**, Vol. 1(1), Pp. 9-19

34. **S. Nallusamy**, K. Balakannan, R. Suganthini Rekha and K. Balasubramanian, (2015), "A review on valuable trends of product data management (PDM) occupied in new product development (NPD)", **Applied Mechanics & Materials**, Vol. 786, Pp. 262-268
35. K.Balakannan, **S. Nallusamy** and Gautam Majumdar, (2015), "Hybrid DEA decision model for supplier evaluation and selection", **Int. Journal of Research in Mechanical, Mechatronics and Automobile Engg.**, Vol. 1(1), Pp. 39-47
36. N. Manikanda Prabu, **S. Nallusamy** and R.Suganthini Rekha, (2015), "A MICMAC and ISM for correlation analysis of supply chain intricacy drivers", **Int. Journal of Research in Mechanical, Mechatronics and Automobile Engg.**, Vol. 1(1), Pp. 48-54
37. Charles X, **S. Nallusamy** and P.S. Chakraborty, (2013), "Use of electrically heated metal catalytic converter in cold starting to reduce automotive emissions", **International Journal of Science, Tech. and Arts Research**, Vol. 2(3), Pp. 1-6
38. N. Manikanda Prabu, **S. Nallusamy** and K. Thirumalai Rasu, (2013), "Experimental analysis of jatropha curcas bio-diesel for optimum blend characteristics", **International Journal of Industrial Engineering and Management Science**, Vol.3(2), Pp.63-69
39. **S. Nallusamy**, Bijan Sarkar, Gautam Majumdar and V. Anbalagan, (2008), "Comparative analysis of performance of urban state transport undertakings in India", **Research Bulletin, The Institute of Cost and Works Accountants of India**, Vol. XXXI, Pp. 123-133
40. V. Anbalagan, **S. Nallusamy** and P. Kumar, (2007), "Performance evaluation of metropolitan transport corporations in India", **Indian Journal of Transport Management**, Vol.31(2), Pp. 103-121
41. **S. Nallusamy**, Bijan Sarkar, Gautam Majumdar and V. Anbalagan, (2007), "Critical analysis on maintenance systems for vehicles in state transport undertaking", **Indian Journal of Transport Management**, Vol. 31(1), Pp. 35-54
42. **S. Nallusamy**, Bijan Sarkar, Gautam Majumdar and V. Anbalagan, (2006), "Failure mode effect analysis for refurbished buses in state transport undertaking", **Indian Journal of Transport Management**, Vol. 30(2), Pp.205-222

PAPER PUBLICATIONS IN CONFERENCES

(ANNEXURE - IV)

1. **S. Nallusamy**, R.T. Chander and GV Punnarao, (2021), "Experimental Study on Reinforced Aluminium Metal Matrix Composites with B4C through Different Techniques ", **International Conference on Applied Research and Engineering, Cape Peninsula University of Technology**, at South Africa, 26-28 November 2021.

2. **S. Nallusamy**, S. Sundar and S. Saravanan, (2021), "Experimental study and analysis on surface integrity by hardened steel end milling", **7th International Conference and Exhibition on Sustainable Energy and Advanced Material**, Universiti Teknikal Malaysia Melaka, at Singapore, November 23, 2021.
3. **S. Nallusamy**, S. Sujatha and M. Rajaram Narayanan, (2021), "Design and Analysis of Epoxy Granite Reinforced with Steel Vertical Machine Center Spindle Housing", **3rd International Conference on American Association for Advances in Functional Materials**, at USA, August 18-20, 2021
4. **S. Nallusamy**, M. Rajaram Narayanan, S. Sujatha and R. Suganthini Rekha, (2021), "Experimental Investigation of Mechanical Properties and Effect of Porosity on Epoxy Granite Composite", **4th Int. Symposium on Advanced Material and Application**, at Incheon, South Korea, February 05-07, 2021
5. Gautam Majumdar and **S. Nallusamy**, (2019), "ABC Analysis and Diminution of Inventory Level through Forecasting Technique in a Medium Scale Manufacturing Industry", **International Conference on Industrial Engineering and Operations Management**, at Pilsen, Czech Republic, July 23-26, 2019
6. Rajat S. Sen, Gautam Majumdar and **S. Nallusamy**, (2019), "Enhancement of Overall Equipment Effectiveness through Implementation of Total Productive Maintenance", **Int. Conf. Ind. Engg. and Operations Mgt.**, at Pilsen, Czech Republic, July 23-26, 2019
7. M. Rajaram Narayanan, **S. Nallusamy** and M. Ragesh Sathiyar, (2018), "Design and Analysis of a Wind Turbine Blade with Dimples to Enhance the Efficiency through CFD with ANSYS R16.0", **International Conference on Advanced Materials and Engineering Materials**, at Bangkok, May 17-18, 2018
8. **S. Nallusamy**, M. Rajaram Narayanan and R. Suganthini Rekha, (2018), "Design and Performance Analysis of Vehicle Tyre Pattern Material using Finite Element Analysis and ANSYS R16.2", **International Conference on Advanced Materials and Engineering Materials**, at Bangkok, May 17-18, 2018
9. **S. Nallusamy**, M. Rajaram Narayanan and S. Saravanan, (2018), "Investigation on structural steel and silicon carbide aluminum metal matrix composite spur gears using PTC Creo and ANSYS 16.0", **Int. Conference on Materials Design and Applications**, at Colombo, Sri Lanka during April 04-06, 2018.
10. M. Rajaram Narayanan and **S. Nallusamy**, (2018), "Analysis on vibration characteristics of wind turbine blade to improve the effectiveness through CFD developed by ANSYS", **International Conference on Materials Design and Applications**, at Colombo, Sri Lanka during April 04-06, 2018.
11. **S. Nallusamy**, M. Sreedharan, S. Sudangan and S. Srinath, (2017), "An experimental analysis of pollution performances in an insulator material through artificial polluted conditions", **National Conference on Advanced Materials: Processing and Characterization**, at National Institute of Technology, Trichy, February 27-28, 2017, pp.115-121, ISBN 978-93-86724-04-5
12. **S. Nallusamy**, R. Suganthini Rekha, A. Karthikeyan, (2016), "Investigation on Mechanical Properties of Coir Fiber Reinforced Polymer Resin Composites Saturated with Different Filling Agents", **International Conference on Advanced Material Technologies (ICAMT)-2016**, Organized by Indo American Technical Campus, Visakhapatnam, 27th and 28th December 2016

13. A. Karthikeyan, **S. Nallusamy**, "Investigation on Mechanical Properties and Wear Behavior of Al-Si-SiC-Graphite Composite using SEM and EDAX", **International Conference on Advanced Material Technologies**, Organized by Indo American Technical Campus, Visakhapatnam, Andhra Pradesh, India, 27th and 28th Dec. 2016
14. R. Suganthini Rekha, P. Periyasamy and **S. Nallusamy**, "Manufacturing enhancement through reduction of cycle time using different lean techniques", **International Conference on Advanced Material Technologies**, Organized by Indo American Technical Campus, Visakhapatnam, Andhra Pradesh, India, 27th and 28th Dec. 2016
15. Suman Kumar Jha, **S. Nallusamy**, Ashwin Mathur, "Enhancement of heat rejection rate in heat sink using phase change materials", **International Conference on Researches in Science, Management and Engineering**, Organized by International Organization of Scientific Research and Development, Coimbatore, Feb. 18 & 19, 2016.
16. **S. Nallusamy**, K. Balakannan, P.S. Chakraborty, Gautam Majumdar, "Reliability analysis of passenger transport vehicles in public sector undertaking", **National Conference on Trends and Innovations in Mechanical Engineering**, at Dr. M.G.R. Educational and Research Institute, Chennai, April 17th, 2015, ISBN 978-93-84654-07-8
17. Suman Kumar Jha, **S. Nallusamy**, N. Ethiraj, N. Manikanda Prabu, "A review on application of thermal energy storage system using phase change materials", **Int. Conf. on Advances in Materials, Manuf. and Applications**, at National Institute of Technology, Trichy, April 9-11, 2015, pp.9-14, ISBN 978-93-84743-68-0, Bonfring
18. **S. Nallusamy**, K. Balakannan, R. Suganthini Rekha, K. Balasubramanian, "A review on valuable trends of product data management (PDM) occupied in new product development (NPD)", **International Conference on Applications and Design in Mechanical Engineering**, at The School of Mechatronics Engineering, Universiti Malaysia Perlis, Penang, Malaysia, 30-31 March 2015
19. M. Gowtham, **S. Nallusamy**, N. Manikanda Prabu, "Performance analysis of four stroke petrol engine using hydroxy as an additive fuel", **International Conference On Science Technology Engineering and Management**, at Jeppiaar Engineering College, Chennai, March 26 & 27, 2015
20. **S. Nallusamy**, N. Manikanda Prabu, R. Suganthini Rekha, "Investigation on design aspects of an inspection robot for concrete structure", **International Conference on Advances in Production and Industrial Engineering**, at National Institute of Technology, Trichy, Feb 20-21, 2015, pp. 22-27
21. **S. Nallusamy**, P. Senthil kumar, P. Maniiarasan, N. Manikanda Prabu, "Study on sustainable development of small scale industries through green lean practices", **Int. Conference on Advances in Production and Industrial Engg.**, at National Institute of Technology, Trichy, Feb 20-21, 2015, pp. 515-519
22. K. Balakannan, **S. Nallusamy**, P.S. Chakraborty, Gautam Majumdar, "Analysis of best practice supply chain management in automobile industries", **Int. Conference on Advances in Production and Industrial Engineering**, at National Institute of Technology, Trichy, Feb 20-21, 2015, pp. 576-581

23. G.B. Dinagaraj, **S. Nallusamy**, R.Suganthini Rekha, "Risk minimization in logistics via real-time vehicle routing system and wireless technologies", **International Conference on Advances in Production and Industrial Engineering**, at National Institute of Technology, Trichy, Feb20-21, 2015, pp.600-605
24. **S. Nallusamy**, X. Charles, D. Jerif Daniel, "Characteristic studies of nano fluids in heat transfer", **International Conference on Advances in Design and Manufacturing** at National Institute of Technology, Trichy, Dec 5-7, 2014, pp. 183- 190, ISBN 978-93-84743-12-3, Bonfring
25. K. Balakannan, **S. Nallusamy**, P.S. Chakraborty, "Effective trends of PDM involved in new product development", **International Conference on Advances in Design and Manufacturing** at National Institute of Technology, Trichy, Dec 5-7, 2014, pp 191-195, ISBN 978-93-84743-12-3, Bonfring
26. N. Manikanda Prabu, **S. Nallusamy** and T. Senthil Kumar, "Effect of solvent ether on internal combustion engine with J20 optimum characterized Bio-Diesel", **International Mechanical Engineering Congress 2014** at National Institute of Technology, Trichy, June 13th-15th, 2014
27. **S. Nallusamy**, "Characteristic analysis of bio-fuel emissions (NOx) and reduction techniques" **3rd International Conference on Advances In Engineering And Technology** at Dr MGR Educational And Research Institute University, Chennai, held on 5 @6th April. 2013, pp. 44- 50, ISBN: 978-81-9089080-6-5, Bonfring
28. **S. Nallusamy**, N. Manikanda Prabu, "An investigation on jatropha curcas bio-Diesel", **2nd National Conference on Innovative Research on New Technologies** at Jayalakshmi Institute of Technology, Dharmapuri held on March 22, 2013, pp. 76-81
29. **S. Nallusamy**, "Reliability of state transport undertaking Chennai", **International Conference on Advances in Industrial Engineering Applications** in Anna University, Chennai, 6-8, Jan 2010.
30. **S. Nallusamy**, "Fleet maintenance management in MTC, Chennai", **National Conference on Emerging Trends in Engineering and Technology** at Rajarajeswari Engineering College, Chennai, 4th & 5th April, 2008.
31. **S. Nallusamy**, X. Charles, "Electromagnetic automobile engine system", **National Conference on Emerging Trends in Automobile Technology** at Bhathidasan University, Coimbatore, 8th & 9th, February, 2007.
32. **S. Nallusamy**, Bijan Sarkar, Gautam Majumdar, "Reliability analysis of passenger transport vehicles in metropolitan transport corporation (MTC), Chennai", **15th International Conference on New Horizons of Mechanical Engineering** at Rajiv Gandhi Technological University, Bhopal, 18th to 20th, March 2007.

Prof. (Dr.). S. Nallusamy