

Curriculum Vitae

Name : **Dr.GOVIND NANDIPATI**
 Father's Name : N.VEERABRAHMAM
 DOB : 04-11-1975



Address for Correspondence

WORK

Associate Professor
 Department of Mechanical Engineering
 R.V.R.&J.C. College of Engineering
 Chowdavaram
 Guntur-522019
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Residence

Dr.N.Govind
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 Residence: 0863-2211212

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Educational Qualifications:

Qualification	Year of Passing	University/ Institution	Branch/Stream	Percentage
Ph.D	Nov 2012	Andhra University	Friction Stir welding	NA
Master Technology	Dec-2003	Acharya Nagarjuna University	Production Engineering	67%
Bachelor Technology	May-1999	R.V.R.&J.C. College of Engineering	Mechanical Engineering (Industrial & Production)	68%

DETAILS OF EXPERIENCE:

Place of work	Designation	From – To	Duration
MBTS Polytechnic College, Guntur.	Lecturer	July 1999 - 22 nd Nov 1999	5 months
Koneru Lakshmaiah College of Engineering (Presently-KLU)	Lecturer, Dept. of M.E	22-11-1999 - 21-11-2003	4 Years
Narasaraopeta Engineering College (JNTU)	Assistant Professor, Dept. of M.E	22-11-2003 - 12-07-2008	4 yrs 9 months
RVR&JC College of Engineering (ANU)	Assistant Professor, Dept. of M.E	14-07-2008 - 31-12-2012	4 years 5 months
RVR&JC College of Engineering (ANU)	Associate Professor, Dept. of M.E	1-1-2013 - Till date	Till date

Total Experience: 24 years (Till Now)

PROJECTS GUIDED

Under Graduate-24, Post Graduate-7
<https://publons.com/researcher/4229587/nandipati-govind/>
<https://scholar.google.com/citations?user=alQ3bMUAAAAJ&hl=en&authuser=1>
<https://vidwan.inflibnet.ac.in/profile/199066>
<https://orcid.org/0000-0001-6842-7957>

Google Scholar Citations Link:

https://scholar.google.com/citations?hl=en&user=alQ3bMUA AAAAJ&view_op=list_works&gmla=AJsN- F6tIczjSVqAe9r8gjww-V1oidu7nCmAotUP7PFXNU1oLzgCEzLy38Kor-wNQ4JlO-rboonIkwSslRdbRASEUIwxRnPYIK1PuLUJp8bFFJucYLWNXZLx5dbqjfc6XBC_y75x3oiO

PhDs' Guidance---Awarded-2, Pursuing-7

PUBLICATIONS:

1. **(2022-23) Govind Nandipati** "Prevention of groundwater contamination from the pollutants released from dyeing industries using biochar produced from palm shell," *Journal-Urban Climate*, 2023, 49, 101515. *Urban Climate* - ISSN 2212-0955 The 2022-2023 Journal's Impact IF of *Urban Climate* is 6.663, updated in 2023, <https://www.scopus.com/authid/detail.uri?authorId=55383910400>
2. **Govind Nandipati** "Glass Fiber-Epoxy Composites with Carbon Nanotube Fillers for Enhancing Properties in Structure Modeling and Analysis Using Artificial Intelligence Technique." *ACS Omega* 2023, 8, 26, 23528–23544, June 21, 2023, <https://doi.org/10.1021/acsomega.3c01067>
3. **(2021-22) Govind Nandipati** "Optimisation using response methodology and artificial neural network in geared drilling"- *International journal of modern manufacturing technologie*. ISSN2067-3604, Vol.XIII, No.2/2021, pp-116-123 Dec2021
4. **Govind Nandipati** "Optimization of Machining Parameters in Drilling of Glass/Hemp/Bamboo Fibres Based Hybrid Polymer Composites". *Annales de Chimie - Science des Matériaux (ACSM)* Vol.46, No.3, pp.127-133, June 2022
5. **(2020-21) Govind Nandipati** "Manufacturing and testing of multi natural fiber reinforced composite" *Compliance Engineering Journal*, Volume 11, Issue 9, 2021. (SCOPUS- H-Index 5).
6. **Govind Nandipati** "Experimental Study on Mechanical Properties of Eco-Friendly Hybrid Composite" *Journal of Green Engineering*, Vol. 10_6, 3264–3277. (SCOPUS Journal).
7. **(2019-20) V. Anand Kumar, N. Govind** "Effect of Tool Pin Profile and Friction Stir Welding Speed on Tensile & Hardness Properties of Friction Stir Welded Joints of AA6082 & A319 Aluminium Alloy" "International Journal of Innovative Technology and Exploring Engineering" (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October 2019
8. **V. Anand Kumar, N. Govind** "Effect Of Welding Parameters On mechanical And Microstructural Properties Of Dissimilar Aa6082–A319 Joints Produced By Friction Stir Welding" *International Journal of Mechanical Engineering and Technology (IJMET)*, Volume 10, Issue 12, December 2019, pp. 284-293, Article ID: IJMET_10_12_031
9. **Yegireddi Shireesha, Govind Nandipati** "Experimental Investigation on Mechanical Properties of Bi-Directional Hybrid Natural Fibre Composite (HNFC)" *Materials Today: Proceedings* 18 (2019) 165–174. Elsevier.
10. **Yegireddi Shireesha, Govind Nandipati** "Properties Of Hybrid Composites And Its Applications: A Brief Review" *International Journal Of Scientific & Technology Research* Volume 8, Issue 08, August 2019 ISSN- 2277-8616
11. **V. Anand Kumar, N. Govind**, "Effect of post weld heat treatment on dissimilar friction stir welded AA6082 and A319 Aluminium Alloys": *International Journal of Mechanical and Production Engineering research and development (IJMPERD)*, Vol.9. Issue4, Aug 2019, pp1335- 1342, ISSN (P):2249-6890; ISSN (E): 2249-8001. (SCOPUS).
12. **Gopireddy Ashok Reddy, N Govind** "Optimization of Mechanical Stir Casting Parameters for Fabrication of Al5083- Sic Alloy Composite through Taguchi Method": *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 8, Issue 8, August 2019, ISSN(Online): 2319-8753 ISSN (Print): 2347-6710, Impact factor-7.512.
13. **Y. Shireesha, Govind Nandipati**, "State of Art Review on Natural Fibers": *Materials Today: Proceedings* 18 (2019) 15–24, Elsevier.
14. **(2018-19) Taylor & Francis Indexed Free Journal**
Nagarjunavarma Ganna and Dr. Govind Nandipati "Numerical Simulation of Heat Transfer in Liquid Lithium Flow through Elliptical-Shaped Cylinder" (Oct 2018)

<https://www.crcpress.com/Mechanical-Engineering-for-Sustainable-Development-State-of-the-Art-Research/Rao-Rao-Selvaraj-BoseChandramohan/p/book/9781771886819>
<http://www.appleacademicpress.com/mechanical-engineering-for-sustainable-development-state-of-the-art-research/9781771886819>

15. (2017-18) S.Kiran Kumar, **Dr. N. Govind** Assoc Prof. “Experimental Investigation on Performance, Combustion Characteristics of Diesel Engine by using Sunflower Oil” , published in “ International Journal of Thermal Technologies”, Vol.8,No.1(March 2018),E-ISSN: 2277- 4114.
16. S.Kiran Kumar, **Dr. N. Govind**, “Performance ,Emission and Combustion Evaluation of Diesel Engine Using Methyl Esters of Sunflower Oil” Journal of Mechanical Engineering and Developments ,Vol.41, No.1,2018, ISSN:1024-1752,pp1-8.Jan.2018
17. K.K Sureddy, **Dr.NGovind**, “Experimental Investigations on a Diesel Engine Fueled with Bio Diesel Blends and Diethyle Ether as an additive” published in International Journal of I.C.Engines and Gas Turbines, vol.4, Issue1,Jan.2018.
18. S.Kiran Kumar, **Dr.NGovind**, “ A study on Diesel Engine with Sunflower oil-Diesel blends at Different injection pressures”, published in International Journal of Recent Research aspects.ISSN:2349-7688,vol.4,Issue4,Pg 413-417,Dec2017
19. (2016-17) S.Kiran Kumar, **Dr. N. Govind**, “Experimental Studies on Performance and Combustion Characteristics of a DI Engine Fueled with Sunflower Blends” , published in “ International Journal of Applied Engineering Research” ISSN 0973-4562, Volume 12, Number 24 (2017) pp15509-15516.
20. S.Kiran Kumar, **Dr. N. Govind**, “ Performance, Emission Characteristics of CI Engine and Effects of the Blends Containing Low ratios of Alternative fuels” published in “International Journal of Manufacturing Engineering and Technology” Volume8,Issue 12, December 2017,pp.634-643, Article ID: IJMET_08_12_066.ISSN Print:0976-6340 and ISSN Online: 0976- 6359.

21. NagarjunaVarma Ganna, **Dr.N.Govind**, “Experimental Heat Transfer Analysis of Magnetic MicroFluid in the presence of Magnetic fluid” ARPN Journal of Engineering and Applied Sciences” Vol.11,No.16, August 2016, ISSN 1819-6608, pp10035-10040.
22. NagarjunaVarma Ganna, **Dr.N.Govind**, “Numerical Analysis of a PRD for a Tethered Lighter than Air Vehicle” published in World Wide Journal of Multidisciplinary Research and Development, Page No 183-187. Vol. 3, Issue No. 7, July 2017, ISSN 2454-6615,
23. D.Venkatesh , **Dr.N.Govind**, “Modelling and Structural Analysis of Automobile Lorry Chassis” International Journal of Engineering Science and Computing(IJESC), July 2017, pp14134-14139, Impact factor-5.611, **Source Normalized Impact Factor - 3.868**
24. **(2015-16)** Anil Kumar G, **Dr. N. Govind** Assoc Prof, Prof. Ravindra K, V.Anand Kumar ‘Development of Software Using Matlab for Design Optimization of Brake for Mini bike’, published in IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)- Nov. - Dec. 2015. ISSN: 2278-1684, p-ISSN: 2320-334X, Volume 12, Issue 6 during, pp 24-29.
25. Anil Kumar G, **Dr. N. Govind**, Assoc Prof, Prof. Ravindra K, “ Evaluation of Optimum Pattern of Blow Holes to enhance Damping in Casting structures” published in “ International Journal of Engineering Research & Technology (IJERT)” Vol.5 Issue 02, February-2016, ISSN: 2278-0181, pp:297-303.
26. Nagarjuna Varma Ganna, **Dr.Govind Nandipati** “ Experimental Heat Transfer Analysis of Magnetic Micro fluid in the presence of Magnetic fluid” published in “ARPN Journal of Engineering and Applied Sciences” , ISSN 1819-6608, Vol.11, No.16, August 2016, pp10035-40.
27. **(2014-15)** **Dr. N. Govind**, Dr. K. Ravindra, Dr. Nageswara Rao “Study on Processing and Mechanical Properties of Nano SiCp reinforced AA7075” was published in the International Journal of Engineering Science (IJES), Vol 3 , Issue 12, Version I, Dec. 2014, pp: 29-34.
28. **(2012-13)** **Dr.Govind.N**, Dr. Ravindra.K, Dr.Nageswara Rao Damera and Dr.Ramanaiah.N “*Fabrication and Study of the Mechanical Properties of AA2024 Alloy Reinforced with B4C Nano-particles using Ultrasonic cavitation method*” IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320-334X, Volume 7, Issue 1, June 2013, pp-01-04’
29. **(2010-2011)** **N.Govind** , D.Nageswara Rao , N.Ramanaiah , “ Effect of micro structural changes on mechanical properties of friction stir welded Nano SiC reinforced AA6061 Composites” , International Journal of Engineering Science and Technology(IJEST) , Vol.2(11), 2010 . 6491- 6499. ISSN : 0975-5462.
30. **Govind.N**, Ravindra.K , Ramanaiah.N and Nageswara Rao Damera “*Fabrication of Aluminium AA6061 Metal Matrix Nano Composites*”, International Journal of Emerging Technologies in Science and Engineering, Vol.3, No.2, Jan 2011, pp36-41. ISSN :1923-91
31. **N.Govind** , D.Nageswara Rao , N.Ramanaiah , K.Prasada Rao, “*Investigations on Mechanical Properties of Friction Stir Processed, Nano-Reinforced, AA6061 Composites*”, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 6, Number 1 (2011) pp. 53-63.

Lectures Delivered:

1. Delivered lecture on “Nanotechnology” in AICTE approved FDP on Emerging Technologies and Challenges in Mechanical Engineering” conducted by Department of mechanical Engineering, RVR&JC College of Engineering, Guntur.

Patents Published this A.Y-2022-23

1. Title of invention: “An artificially intelligent method for Detailed Estimation of Road undulations using Ariel images” The Patent Office Journal No. 37/2022 Dated 16/09/2022, Page 578226.

Webinars Attended:

1. Webinar On ‘CNC TOOLING’ Date: 25th May 2020 conducted by MSME Technologies, In association With KENNAMETAL, Visakhapatnam,
2. Webinar on IOT based solution to fight COVID-19 conducted by Chennai Institute of Technology on 22.05.2020
3. Webinar on “Enjoyable & Engaging Tools to Learn Coding” conducted by Chennai Institute of Technology on 19.05.2020
4. Webinar on “Computer Vision Overview” conducted by Chennai Institute of Technology on 16.05.2020

5. Webinar on “Industry 5.0: Next Generation Technologies” Organized by Department of Mechanical Engineering, Narayana Engineering College, on 7th May 2020.
6. Webinar-Short Term Training Program on “Research Methodology” from 28th May - 30th May 2020 by Department of Mechanical Engineering, AMALJYOTHI College Engineering, Kottayam Kerala.

Book Chapters

1. **Govind Nandipati** “Experimental study on Tensile Behavior of Triaxial Hybrid Fiber composites” March 2022

DOI: [10.1007/978-981-16-7787-8_40](https://doi.org/10.1007/978-981-16-7787-8_40) In book: Recent Advances in Manufacturing Processes and Systems (pp.493-502).

WORKSHOPS AND CONFERENCES ATTENDED:

1. UGC Sponsored National Seminar on Advances in Metal Matrix Composites (AMMC-2K14)” on 27th & 28th March 2014 held at Department of Mechanical Engineering, University College of Engineering and Technology, Acharya Nagarjuna University, A.P
2. National Seminar on “Advances in Biomaterials For Medical Application (ABMA-2014)” on 14th & 15th March 2014, held at Department of Mechanical Engineering, RVR&JC College of Engineering, Guntur .

3. National Workshop on “Advances in Material Processing” on 29th March held at Department of NanoTechnology, University College of Engineering and Technology, Acharya Nagarjuna University. A.P
4. National Workshop on “Computational Mechanics” conducted by Departments of CIVIL and Mechanical Engineering, RVR and JC College of Engineering.
5. “National conference on” Latest Innovations in Mechanical Engineering (LIME- 2013)” on 28th April, 2013 held at Department of Mechanical Engineering, Andhra University(A).
6. National workshop on “Engineering failures-Prediction, Prevention and Post Analysis” 13th February 2015, conducted by Department of Metallurgical Engineering, A.U College of Engineering, Andhra University, Visakhapatnam.
7. NRB Research Dessimation workshop on “Friction Stir Processing of Aluminium Alloys and Composites” held on 5th March 2015 at Indian Institute of Technology, Madras, Chennai.
8. First Annual Chapter Convention of Quality Concepts with the Theme “Make in India-A Vision through Quality Concepts” held at Tirupati on 28th&29th September,2015.
9. National Seminar on “Development of Tools using Biomaterials for Medical Applications” held on 18th -19th September 2015. held at Department of Mechanical Engineering, RVR&JC College of Engineering, Guntur,
10. National Seminar on “Advances in Metal Matrix Nano-Composites” held on 11th-12th December,2015, Department of Mechanical Engineering, University College of Engineering &Technology, AcharyaNagarjunaUniversity,Guntur.
11. National Seminar on “March to Make in India through Engineering Advancements organized during September 29th-30th,2016.at held at Department of Mechanical Engineering, RVR&JC College of Engineering, Guntur.
12. 6th International & 27th All India Manufacturing Technology, Design and Research Conference, AIMTDR 2016, held at Department of Production Engineering and Industrial Management, College of Engineering PUNE.
13. Short Term Course on “ Artificial Neural Network &Fuzzy Logic through ICT” during 24th – 28th April 2017 conducted by National Institute of Technical Teachers Training and Research, Chandigarh,
14. Short Term Course on “Design and Development through ICT” during 6th–10th Nov 2017 conducted by National Institute of Technical Teachers Training and Research, Chandigarh.
15. Two Week Faculty Development Programme on “Innovations in Renewable Energy harvesting and Environment Friendly Process Technologies for Sustainable Development during 23rd Oct - 4th Nov 2017, conducted by Department of Chemical Engineering, RVR&JC College of Engineering, Guntur.
16. International Confernce on “ Advances in Materials and Manufacturing Engineering, on 22nd-24th January 2018, organized by Department of Mechanical Engineering, University College of Engineering &Technology, Acharya Nagarjuna University, Guntur.
17. Continuing Education Program on Innovative Methods for Teaching mechanical Engineering” held during 22nd -26th April, 2018 at National Institute of Technology, Warangal, India-TEQIP-III.
18. Short Term Training Program through ICT on “Outcome Based Education and Accreditation” organized by National Institute of Technical Teachers’ Training and Research, Kolkatta during 24.09.18-28.09.2018.
19. Faculty Development Program (FDP101X) on “Foundation Program in ICT for Education” conducted by IIT Bombay, during 13th September-18th October 2018.
20. Faculty Development Program (FDP201X) on “Pedagogy for Online and Blender Teaching-Learning Process” conducted by IIT Bombay, during 30th October-13th December 2018.
21. National Seminar cum workshop on “Operations Research and Manufacturing Engineering” during 30-31 July 2018 held at Department of Mechanical Engineering, College of Engineering, Sri Venkateswara University, Tirupathi.
22. Faculty Development Program on “ICT in Advanced Manufacturing Engineering” organized by E&ICT Academy, NIT, Warangal during 27th May-1st June 2019.
23. National workshop on “Recent Advances in Welding Metals (RAWM-2013)” on 29th- 30th

- April, 2013 held at Department of Mechanical Engineering, Andhra University(A).
24. National Seminar on “Solar Energy Harvesting Through Photovoltaic Cells and Storage” on 21-22 June, 2013, Department of Physics and Chemical Engineering, RVR and JC College of Engineering.(Inhouse)
 25. National Seminar on “Futuristic Trends of Nano Composites and their Fabrication”6- 7th September 2013, Department of Mechanical Engineering, RVR and JC College of Engineering.(Inhouse)
 26. National workshop on “Nanotechnology A Fuel for Chemical Industry”20-21th September 2013, Department of Chemical Engineering, RVR and JC College of Engineering.(Inhouse).
 27. One day faculty development program on “Characterization of Nano Materials” on 27th April, 2012, Dept of Mechanical Engineering and Chemistry under TEQUIP- IISC 1.2, V.R.Siddartha Engineering College, Vijayawada.
 28. ATAL- FDP on "Artificial Intelligence" from 2021-1-25 to 2021-1-29 at Birla Institute of Technology, Mesra, Ranchi.
 29. ATAL-FDP on "Artificial Intelligence and Machine Learning" from 2021-1-18 to 2021-1-22 at MVJ COLLEGE OF ENGINEERING.
 30. Workshop on “Cloud Projects using Cloudsim” Organised by Dept of IT IndraGanesan College of Engg during 18.05.2021-19.05.2021.
 31. Emerging Trends in Renewable Energy Technologies June20th-24th 2022 (ETRET-2022) at Dept of Mechanical Engg.MNIT, Allahabad, PrayagRaj.
 32. Six days faculty Development Programme on “ *Challenges and Advances in Upstream oil and Gas Industry*” during 06.02.2023 -11.02.2023,organized by Department of Petroleum Engineering and HRD centre,Deemed to be university, Chennai.
 33. Five days faculty Development Programme on “ *Trends and Challenges in the Development of Electric vehicles* “(series-1) held from 26th-30th September 2022 organised by Dept. Of Mechanical Engineering , Lendi College of Engineering and Technology, Vizianagaram, AP.
 34. Five days faculty Development Programme on “ *Trends and Challenges in the Development of Electric vehicles*” (series-2) held from 14th-38th November 2022 organised by Dept. of Mechanical Engineering, Lendi College of Engineering and Technology, Vizianagaram, AP.
 35. Five days online FDP on the theme “Inculcating Universal Human values in Technical Education” organized by AICTE from 4th Dec. to 8th Dec.2023.
 36. One week online faculty development programe titled “ MATLAB for Mechanical Engoneering” conducted by Department of mechanical Engineering, Raghu Engineering College from 10th July to 15th July 2023.
 37. Two day workshop on “ Six Sigma” organized by Department of Mechanical Engineering ,LendiInstitute of Engineering and Technology,Jonnada,Vizianagaram-535005 from 21st -22nd December.

(Dr.N.Govind)

The details of **Citations** paper wise & year wise, **H-Index & Impact Factor** for each journal

S. no	Name of Faculty	Title of Paper	Journal Title	Impact factor	H-Index	Citations					
						2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	Dr.N.Govind- 2010-11	Effect of Microstructural changes on Mechanical properties of Friction stir welded Nano SiC reinforced AA6061 composite	International Journal of Engineering Science and Technology 2 (11), 6491-6499	3.14		1	2	2		2	1
2	Dr.N.Govind 2010-11	Fabrication of Aluminium AA6061 Metal Matrix Nano Composites	International Journal of Emerging Technologies in Science and Engineering volume 3 Issue2 Pages 36-41	5.27							
3	Dr.N.Govind 2010-11	Investigations on Mechanical Properties of Friction Stir Processed, Nano-Reinforced, AA6061 Composites	International Journal of Applied Engineering Research 6 (1), 53-63	4.96							
4	Dr.N.Govind 2012-13	Fabrication and Study of the Mechanical Properties of AA2024 Alloy Reinforced with B4C Nano-particles using Ultrasonic cavitation method	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) 7 (1), 01-04	3.781		1	2	1	1	2	
5	Dr.N.Govind 2017-2018	Performance, Emission and Combustion Evaluation of	Journal of Mechanical Engineering and Developments 41 (01), 1024-1752								1

		Diesel Engine Using Methyl Esters of Sunflower Oil										
6	Dr.N.Govind 2017-18	Experimental Investigations on a Diesel Engine Fueled with Bio Diesel Blends and Diethyle Ether as an additive	Published in International Journal of I.C.EnginesandGasTurbines Volume 4 Issue 01									
7	Dr.N.Govind 2013-14	Study on Processing and Mechanical	The International Journal Of Engineering And Science (IJES) 3 (12	9.05 2					1			

		Properties of nanoSiCp reinforced AA7075										
8	Dr.N.Govind 2014-15	Development of Software Using Matlab for Design Optimization of Brake for Minibike	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) 12 (06), 24-29	3.781								
9	Dr.N.Govind 2015-16	Evaluation of Optimum Pattern of Blow Holes to enhance Damping in Casting structures	International Journal of Engineering Research & Technology (IJERT) Volume 5 Issue 02 Pages 297-303									
10	Dr.N.Govind 2016-17	Experimental Heat Transfer Analysis of Magnetic Microfluid in the presence of Magnetic fluid	ARPJ Journal of Engineering and Applied Sciences 11 (16), 10035-10040	1.75								
11	Dr.N.Govind 2017-18	Performance, Emission Characteristics of CI Engine and Effects of the Blends Containing Low ratios of Alternative fuels	International Journal of Manufacturing Engineering and Technology 8 (Volume 8 Issue 12) Pages 634-643									
12	Dr.N.Govind 2017-18	A study on Diesel Engine with Sunflower oil- Diesel blends at Different injection pressures	International Journal of Recent Research Aspects 4 (04), 413-417	1.235								

13	Dr.N.Govind 2017-18	Experimental Studies on Performance and Combustion Characteristics of a DI Engine Fueled with sunflower Blends	International Journal of Applied Engineering Research 12 (24), 15509-15516	4.96							
14	Dr.N.Govind 2017-18	Numerical Analysis of a PRD for a Tethered Lighter than Air Vehicle	World Wide Journal of Multidisciplinary Research and development 3 (07), 183-187	4.32							
15	Dr.N.Govind	“Experimental	International Journal of	1.752							

	2017-18	Investigation on Performance, Combustion Characteristics of Diesel Engine by using Sunflower Oil”	Thermal Technologies”, Vol.8,No.1(March 2018),E- ISSN: 2277-4114.									
16	Dr.N.Govind 2018-19	Preheating of Biodiesel for the Improvement of the Performance Characteristics of Di Engine	American Journal of Mechanical Engineering 6 (2), 61-65									
17	Dr.N.Govind 2018-19	“Numerical Simulation of Heat Transfer in Liquid Lithium Flow through Elliptical-Shaped Cylinder”	Taylor & Francis Indexed Free Journal	High								
18	Dr.N.Govind 2018-19	Nnumerical simulation of heat transfer in liquid lithium flow through elliptical cylinder	Mechanical Engineering for Sustainable Development: State-of-the-Art ...	E-Book								
19	Dr.N.Govind 2018-19	Modelling and structural analysis of automobile lorry chassis”	International journal of Engineering Science and computing Volume7IssueNo7,July 2017	3.865								
20	Dr.N.Govind 2019-20	Effect of Tool Pin Profile and Friction Stir Welding Speed on Tensile & Hardness Properties of Friction Stir Welded Joints of AA6082 & A319 Aluminium	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October 2019	5.15								

		Alloy									
21	Dr.N.Govind 2019-20	Effect Of Welding Parameters On Mechanical And Microstructural Properties Of Dissimilar Aa6082-A319 Joints Produced By Friction Stir Welding	International Journal of Mechanical Engineering and Technology (IJMET) Volume 10, Issue 12, December 2019, pp. 284-293, Article ID: IJMET_10_12_031	9.82 2 86							

22	Dr.N.Govind 2019-20	Experimental Investigation on mechanical Properties Of Bi-Directional Hybrid Natural Fibre Composite (HNFC)	Materials Today: Proceedings 18 (2019) 165-174	Elsevier								
23	Dr.N.Govind 2019-20	Properties Of Hybrid Composites And Its Applications :A Brief Review	International journal of scientific & technology research volume 8, issue 08, august 2019 issn 2277-8616	7.466								
24	Dr.N.Govind 2019-20	“State of Art Review on Natural Fibers”:	Materials Today: Proceedings 18 (2019) 15- 24,Elsevier.	Elsevier								
25	Dr.N.Govind	Optimisation of Mechanical Stir casting Parameters for Fabrication of Al ₅₀ 83_SiC alloy Composite through Taguchi Method	International Journal of Innovative Research in Science,Engineering and Technology,Vol.8,Issue 8,August 2019.ISSN (Online):2319-8753									