

Year: 2022

Publication Details (Journal Papers/Book Chapters/Conference Papers)

S.No	Name of the Author	Title of the Paper/Book Chapter	Journal (J)/Conference (C)/Book(B) Name	DOI No.	Citation Index
1.	Kankan K Pathak	Thermo Hydraulic Analysis of slightly inclined finned channel under natural convection	Journal of Applied Fluid Mechanics (J)	https://doi.org/10.47176/JAFM.15.04.33307 .	---
2.	Kankan K Pathak	A comparative numerical study of estimation of velocity components in mixed convection through vertical shrouded plate finned channel	ASME J. Thermal Sci. Eng. Appl.(J)	https://doi.org/10.1115/1.4055264 .	---
3.	Aunshuman Chatterjee	Performance Analysis of Francis Turbine Test Rig	International Journal of Latest Trends in Engineering and Technology (J)	http://dx.doi.org/10.21172/1.202.01	---
4.	Debarshi Mallick	Biohythane production from organic waste: challenges and techno-economic perspective	Waste-to-Energy Approaches Towards Zero Waste (B)	https://doi.org/10.1016/B978-0-323-85387-3.00011-2	---
5.	Debarshi Mallick	Pyrolysis Characterization of Biomass Feedstock Using Thermogravimetric Analysis	Recent Advances in Thermo fluids and Manufacturing Engineering (C/B)	https://doi.org/10.1007/978-981-19-4388-	---
6.	Sharmi Dev Sharma	Emerging commercial opportunities for	Waste-to-Energy Approaches	https://doi.org/10.1016/B978-0-323-85387-3.00012-4	---

		conversion of waste to energy: aspect of gasification technology	Towards Zero Waste (B)		
7.	Rajib Bhowmik	Emerging commercial opportunities for conversion of waste to energy: aspect of gasification technology	Waste-to-Energy Approaches Towards Zero Waste (B)	https://doi.org/10.1016/B978-0-323-85387-3.00012-4	---
8.	Kankan K Pathak	Impact of Biofertilizers in Sustainable Growth of Agriculture Sector	Handbook of Biomass Valorisation for Industrial Applications (B)	https://doi.org/10.1002/9781119818816.ch21	---
9.	Kankan K Pathak	A study of internet of things in smart grid and smart grid security.	Advances in smart energy systems (B)	https://link.springer.com/book/9789811924118	---
10.	Kankan K Pathak	Environmental Management of Industrial Effluent through Bioremediation Techniques	Bioremediation of Industrial Effluents (B)	Accepted for publication (Springer)	---
11.	Himangshu S Brahma	Emerging commercial opportunities for conversion of waste to energy: aspect of gasification technology	Waste-to-Energy Approaches Towards Zero Waste (B)	https://doi.org/10.1016/B978-0-323-85387-3.00012-4	---
12.	Sangeeta Das	Machining investigation of textured tungsten carbide tools	Materials Today: Proceedings (J)	Accepted for publication (Elsevier)	---
13	Aunshuman Chatterjee	Experimental determination of flexural strength of Bholuka	Materials Today: Proceedings (J)	Accepted for publication (Elsevier)	---

	Bamboo (BambusaBalcooa) of Assam, India			
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Year: 2021

Publication Details (Journal Papers/Book Chapters/Conference Papers)

S.No.	Name of the Author	Title of the Paper/Book Chapter	Journal (J)/Conference (C)/Book(B) Name	DOI No.	Citation Index
1.	Rajib Bhowmik	Predicting the elastic properties of hemp fiber- A comparative study on different polymer composite	Materials Today: Proceedings (J)	https://doi.org/10.1016/j.matpr.2021.09.562	---
2.	Sangeeta Das	Composites for Sensors and Actuators	Reference Module in Materials Science and Materials Engineering (B)	https://doi.org/10.1016/B978-0-12-803581-8.11906-X	---
3.	Sangeeta Das	Functionally Grade Composite Material Production	Reference Module in Materials Science and Materials Engineering(B)	https://doi.org/10.1016/B978-0-12-803581-8.11880-6	---
4.	Sangeeta Das	Properties for Polymer, Metal and Ceramic Based Composite Materials	Reference Module in Materials Science and Materials Engineering(B)	https://doi.org/10.1016/B978-0-12-803581-8.11897-1	---
5.	Sangeeta Das	Green Machining Techniques- A review	Green Tribology (B)	https://doi.org/10.1201/9781003139386-10	---
6.	Rajib Bhowmik	Shorea robusta (Sal) fallen leaves briquette: A potential bioenergy fuel for rural community	Innovations in Sustainable Energy and Technology(B)	https://link.springer.com/chapter/10.1007/978-981-16-1119-3_23	---
7.	Kankan K Pathak	Thermal Analysis of a Steam Turbine Unit of Namrup Thermal Power Plant, Assam, India	International conference on Progressive Research in Industrial & Mechanical Engineering (PRIME - 2021) (C/B)	https://link.springer.com/book/9789811977084	---
8.	Kankan K Pathak	Experimental study of free convective heat transfer from shrouded finned horizontal channel	International conference on Progressive Research in Industrial & Mechanical Engineering (PRIME - 2021) (C/B)	https://link.springer.com/book/9789811977084	---

Year: 2020

Publication Details (Journal Papers/Book Chapters/Conference Papers)

S.No.	Name of the Author	Title of the Paper/Book Chapter	Journal (J)/Conference (C)/Book(B) Name	DOI No.	Citation Index
1.	Debarshi Mallick	Co-gasification of biomass blends: Performance evaluation in circulating fluidized bed gasifier	Energy(J)	https://doi.org/10.1016/j.energy.2019.116682	22
2.	Kankan K Pathak	Thermal performance of heat sinks with variable and constant heights: An extended study	International Journal of Heat and Mass Transfer(J)	https://doi.org/10.1016/j.ijheatmasstransfer.2019.118916	09
3.	Sangeeta Das	WEDM investigation and fuzzy logic modelling of AA7075/SiC metal matrix composites	Materials Today: Proceedings(J)	https://doi.org/10.1016/j.matpr.2020.02.434	03
4.	Sangeeta Das	Modelling and turning investigations of Al2024 based metal matrix composites	Materials Today: Proceedings(J)	https://doi.org/10.1016/j.matpr.2020.02.409	02
5.	Sangeeta Das	Optimization of wear coefficient and coefficient of friction of borosilicate glass ceramics using Taguchi coupled grey fuzzy logic technique	Materials Today: Proceedings(J)	https://doi.org/10.1016/j.matpr.2020.03.262	
6.	Sangeeta Das	Mechanical, surface morphological multi-objective optimization of tribological properties of V ₂ O ₅ doped lead calcium titanate borosilicate glass ceramics	Ceramics International (J)	https://doi.org/10.1016/j.ceramint.2020.04.252	06
7.	Sangeeta Das	Electrical Study of Lead Calcium Titanate Borosilicate Glass Ceramics	Advances in Lightweight Materials and Structures, Springer Proceedings in Materials (B)	https://doi.org/10.1007/978-981-15-7827-4_36	---
8.	Sangeeta Das	Dielectric and Impedance Spectroscopic Characteristics of Lead Calcium Titanate	Glass Physics and Chemistry (J)	https://doi.org/10.1134/S108765962101003X	01

		Borosilicate Glass Ceramics			
9.	Rakesh Nath	Design and Parametric Evaluation of a Staircase Climbing Forklift	International Research Journal of Engineering and Technology (IRJET) (J)	https://www.irjet.net/archives/V7/i7/IRJET-V7I7499	---
10.	Rakesh Nath	A Review on Second Generation Biodiesel Blending & their Future Perspectives	International Journal of Engineering Research and Applications (IJERA) (J)	https://doi.org/10.9790/9622-1008015159	---
11.	Swapnaneel Sarma	Effectiveness of Japanese Encephalitis Warning System developed by North Eastern Space Application Centre in case fatality ratio mitigation in three districts of Assam	2 nd International Conference on Future Learning Aspects of Mechanical Engineering (C/B)	https://doi.org/10.1007/978-981-15-9956-9_38	---
12.	Kankan K.Pathak	Impact of Bioenergy on Environmental Sustainability	Biomass Valorization to Bioenergy. Energy, Environment, and Sustainability. Springer, Singapore (B)	https://doi.org/10.1007/978-981-15-0410-5_10	04
13.	Sangeeta Das	Impact of Bioenergy on Environmental Sustainability	Biomass Valorization to Bioenergy. Energy, Environment, and Sustainability. Springer, Singapore (B)	https://doi.org/10.1007/978-981-15-0410-5_10	04
14.	Bhabajit Baruah	Sustainable Development Goals in context to BRICS Countries	Solar Energy (Springer, Singapore) (B)	https://doi.org/10.1007/978-981-15-0675-8_2	01
15.	Rakesh Nath	Sustainable Development Goals in context to BRICS Countries	Solar Energy (Springer, Singapore) (B)	https://doi.org/10.1007/978-981-15-0675-8_2	01

Year: 2019

Publication Details (Journal Papers/Book Chapters/Conference Papers)

S.No.	Name of the Author	Title of the Paper/Book Chapter	Journal (J)/Conference (C)/Book(B) Name	DOI No.	Citation Index
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S.No.	Name of the Author	Title of the Paper/Book Chapter	Journal (J)/Conference (C)/Book(B) Name	DOI No.	Citation Index
1.	Kankan K Pathak	A study of enhanced heat and mass transfer from variable height fin array undergoing natural convection	ASME J. Thermal Sci. Eng. Appl. (J)	https://doi.org/10.1115/1.4044426	2
2.	Kankan K Pathak	Computational study of mixed convective heat transfer from a shrouded vertical dual-height plate fin array	International Journal of Thermal Sciences (J)	http://dx.doi.org/10.1016/j.ijthermalsci.2019.05.014	2
3.	Debarshi Mallick	Co-gasification of coal/biomass blends in 50 kWe circulating fluidized bed gasifier	Journal of Energy Institute (J)	https://doi.org/10.1016/j.joei.2019.04.005	31
4.	Sangeeta Das	Structural, optical, and nuclear magnetic resonance studies of V ₂ O ₅ -doped lead calcium titanate borosilicate glasses	Journal of Physics and Chemistry of Solids(J)	https://doi.org/10.1016/j.jpics.2018.10.030	19
5.	Dheeman Bhuyan	Numerical Investigation of Blood Flow Characteristics Through Cannulated Aorta	Journal of Biomimetics, Biomaterials and Biomedical Engineering(J)	https://doi.org/10.4028/www.scientific.net/jbbbe.43.28	---
6.	Rakesh Nath	Parametric Evaluation of Beam Deflection on Piezoelectric Material Using Implicit and Explicit Method Simulations: A study	Practice, Progress, and Proficiency in Sustainability (B)	https://doi.org/10.4018/978-1-5225-7958-8.ch004	---

S.No.	Name of the Author	Title of the Paper/Book Chapter	Journal (J)/Conference (C)/Book(B) Name	DOI No.	Citation Index
		in Energy Engineering			
7.	Debarshi Mallick	Detailed study of pyrolysis kinetics of biomass using thermogravimetric analysis	International conference on Current Trends in Renewable and Alternate Energy (ICRAE) AIP Conference Proceedings 2019 (C/B)	https://doi.org/10.1063/1.5096505	5
8.	Debarshi Mallick	Production and performance analysis of Biodiesel from Algae	International Conference in Advanced Materials for Energy Science and Technology (Carbon - Science and Technology) (ISSN 0974-0546) (C/J)	https://doi.org/10.13140/RG.2.2.24513.61284	---
9.	Debarshi Mallick	Pyrolysis kinetics of water hyacinth using thermogravimetric analysis	International Conference in Advanced Materials for Energy Science	https://doi.org/10.13140/RG.2.2.24513.61284	---

S.No.	Name of the Author	Title of the Paper/Book Chapter	Journal (J)/Conference (C)/Book(B) Name	DOI No.	Citation Index
			and Technology (Carbon - Science and Technology) (ISSN 0974-0546) (C/J)		
10.	Rajat K.Kakati	Production and performance analysis of Biodiesel from Algae	International Conference in Advanced Materials for Energy Science and Technology (Carbon - Science and Technology) (ISSN 0974-0546) (C/J)	□□□□ https://doi.org/10.13140/RG.2.2.24513.61284 □□□□□□□□	---
11.	Rajat K.Kakati	Pyrolysis kinetics of water hyacinth using thermogravimetric analysis	International Conference in Advanced Materials for Energy Science and Technology (Carbon - Science and Technology) (ISSN 0974-0546) (C/J)	□□□□ https://doi.org/10.13140/RG.2.2.24513.61284 □□□□□□□□	---
12.	Sangeeta Das	Applications of Tribology on Engine Performance	Automotive Tribology (B)	□□□□ https://doi.org/10.1007/978-981-15-0434-1_16	1
13.	Aunshuman	Application of back	International	□□□□ http://dx.doi.org/10.21172/1.133.09	---

S.No.	Name of the Author	Title of the Paper/Book Chapter	Journal (J)/Conference (C)/Book(B) Name	DOI No.	Citation Index
	Chatterjee	propagation neural network in predicting hc emission from i. C. Engines	Journal of Latest Trends in Engineering and Technology (J)		
14.	Dheeman Bhuyan	A Brief History of Prosthetics and Orthotics of the Lower Body and Their Types	Research Anthology on Emerging Technologies and Ethical Implications in Human Enhancement (B)	https://doi.org/10.4018/978-1-7998-8050-9.ch018	5
15.	Dheeman Bhuyan	Design of a Prosthetic Ankle Complex: A Study in Biomimetic System Design	Research Anthology on Emerging Technologies and Ethical Implications in Human Enhancement (B)	https://doi.org/10.4018/978-1-7998-80509.ch019	---
16.	Dheeman Bhuyan	Design of Prosthetic Heart Valve and Application of Additive Manufacturing	Research Anthology on Emerging Technologies and Ethical Implications in Human Enhancement (B)	https://doi.org/10.4018/978-1-7998-8050-9.ch024	---

Publications of Faculty Members for 2018

Sl No.	Name of the Faculty	Publications	Journal
1	Rajib Bhowmik	Design and Fabrication of Manual Rice Planter	International Journal for research in Engineering applications and Management, vol 4, issue 3
2	Arunabh Choudhury	Design and Fabrication of self charging bicycle	International Journal for current Engineering and Scientific Research
3	Swapnaneel Sarma	Design and Fabrication of self charging bicycle	International Journal for current Engineering and Scientific Research
4	Swapnaneel Sarma	Fabrication of Automatic Power Hacksaw using slider Crank Mechanism	IRACST – Engineering Science and Technology: An International Journal (ESTIJ), Vol. 8, No. 3, 2018
5	Arunabh Choudhury	Fabrication of Automatic Power Hacksaw using slider Crank Mechanism	IRACST – Engineering Science and Technology: An International Journal (ESTIJ), Vol. 8, No. 3, 2018
6	Rakesh Nath	Study of rocker Bogie suspension system with spherical wheels and its application on vehicle chassis	Asian Journal of convergence in technology, vol 4, issue 1
7	Debarshi Mallick	Discernment of synergism in pyrolysis of biomass blends using thermogravimetric analysis.	Bioresource Technology, 261 (2018) 294–305
8	Bhaskor Jyoti Bora	Performance and emission characteristics of an emulsified mahua bio-diesel run diesel engine	Indo-Japan bilateral symposium on future perspective of bio-resource utilisation in northeastern region (IJBS 17)-
9	Rajat Kamal Kakati	Performance and emission characteristics of an emulsified mahua bio-diesel run diesel engine	Indo-Japan bilateral symposium on future perspective of bio-resource utilisation in northeastern region (IJBS 17)-

10	Debarshi Mallick	Co-Pyrolysis kinetics of coal/biomass blends	Proceedings of 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference
11	Debarshi Mallick	Detailed study of Pyrolysis kinetics of biomass using thermogravimetric analysis	International conference on renewable and alternate energy(ICRAE)
12	Bhaskor Jyoti Bora	Detailed study of Pyrolysis kinetics of biomass using thermogravimetric analysis	International conference on renewable and alternate energy(ICRAE)
13	Aunshuman Chatterjee	Determination of optimum blend of diesel and tyre pyrolysis oil in 4 stroke CI engine based on emission parameters	International Journal of latest trends in engineering and technology. Vol 10, issue 3, pp 40-43
14	Sharmi Dev Sharma	Production and property study of biodiesel from olive oil	
15	Sharmi Dev Sharma	Production and property study of biodiesel from Myrobalan oil	
16	Debarshi Mallick	Investigation of a Biogas run dual fuel diesel engine using algae biodiesel as pilot fuel	International conference on renewable and alternate energy(ICRAE)
17	Bhaskor Jyoti Bora	Investigation of a Biogas run dual fuel diesel engine using algae biodiesel as pilot fuel	International conference on renewable and alternate energy(ICRAE)
18	Himangshu Shekar Brahma	Performance of a compression ignition engine using canola biodiesel	International Journal for current Engineering and Scientific Research, vol 5, issue 3
19	Dr. Sangeeta Das	Parametric optimization of dry sliding wear and friction of germanium doped lead calcium titanate borosilicate glass ceramics	Ceramics International
20	Dr. Sangeeta Das	Tribological study of strontium bismuth titanate borosilicate glass ceramics	Materials Today: Proceedings
21	Dr. Sangeeta Das	Mechanical and tribological characterization of lead calcium titanate borosilicate glass ceramic doped with ferric oxide	Materials Today: Proceedings

22	Dr. Sangeeta Das	Processing and optical characterization of lead calcium titanate borosilicate glass doped with germanium	Journal of Physics and Chemistry of Solids
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Publications of Faculty Members for 2017

<i>Sl No.</i>	<i>Name of the Faculty</i>	<i>Publications</i>	<i>Journal</i>	<i>Year</i>
1	Dheeman Bhuyan	3D CAD Modelling and Computational Fluid Analysis of Piston Valve of Twin Tube Shock Absorbers	Materials Today: Proceedings	2017
2	Arunabh Choudhury	Design and Fabrication of self charging bicycle	International Journal for current Engineering and Scientific Research	2018
3	Swapnaneel Sarma	Design and Fabrication of self charging bicycle	International Journal for current Engineering and Scientific Research	2018

4	Dheeman Bhuyan	Computational Fluid Flow Analysis of Base Valve of Twin Tube Shock Absorbers	Materials Today: Proceedings	2017
5	Rakesh Nath	Design of Rocket Bogie with Spherical wheel Insertion	International Journal of Research and Innovation in Applied Science (IJRIAS), Volume II, Issue X	2017
6	Debarshi Mallick	Co-Pyrolysis kinetics of coal/biomass blends	Proceedings of 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference	2017
7	Rajib Bhowmik	Design and Fabrication of Manual Rice Planter	International Journal for research in Engineering applications and Management, vol 4, issue 3	2018

8	Swapnaneel Sarma	Fabrication of Automatic Power Hacksaw using slider Crank Mechanism	IRACST – Engineering Science and Technology: An International Journal (ESTIJ), Vol. 8, No. 3, 2018	2018
9	Arunabh Choudhury	Fabrication of Automatic Power Hacksaw using slider Crank Mechanism	IRACST – Engineering Science and Technology: An International Journal (ESTIJ), Vol. 8, No. 3, 2018	2018
10	Rakesh Nath	Study of rocker Bogie suspension system with spherical wheels and its application on vehicle chassis	Asian Journal of convergence in technology, vol 4, issue 1	2018
11	Bhaskor Jyoti Bora	Performance and emission characteristics of an emulsified mahua bio-diesel run diesel engine	Indo-Japan bilateral symposium on future perspective of bio-resource utilisation in northeastern region (IJBS 17)-	2018

12	Rajat Kamal Kakati	Performance and emission characteristics of an emulsified mahua bio-diesel run diesel engine	Indo-Japan bilateral symposium on future perspective of bio-resource utilisation in northeastern region (IJBS 17)-	2018
13	Aunshuman Chatterjee	Determination of optimum blend of diesel and tyre pyrolysis oil in 4 stroke CI engine based on emission parameters	International Journal of latest trends in engineering and technology. Vol 10, issue 3, pp 40-43	2018
14	Sharmi Dev Sharma	Production and property study of biodiesel from olive oil		2018
15	Sharmi Dev Sharma	Production and property study of biodiesel from Myrobalan oil		2018
16	Himangshu Shekar Brahma	Performance of a compression ignition engine using canola biodiesel		2018

17	Debarshi Mallick	A comprehensive kinetic analysis of bamboo waste using Thermogravimetric analysis	2nd International Conference on Energy Power and Environment (ICEPE 2018)	2018
18	Debarshi Mallick	Performance Evaluation of Co-gasification of Low Grade Coal and Sawdust in a Circulating Fluidized Bed Gasifier.	National Conference on Recent Science and Technology (NCRASST 2018)	2018
19	Kankan Kishore Pathak	A numerical study of natural convective heat transfer from a shrouded vertical variable height non-isothermal fin array	Applied Thermal Engineering, 130, pp.1310-1318	2018
Books				
20	Debarshi Mallick	Gasification of Mixed Biomass: Analysis Using Equilibrium, Semi-equilibrium, and Kinetic Models	In Coal and Biomass Gasification (pp. 223-241)	2017

21	Debarshi Mallick	Co gasification of Coal and Biomass blends: Chemistry and engineering	Elsevier	2017
22	Debarshi Mallick	Synergistic Effects in Gasification of Coal/Biomass Blends: Analysis and Review	In Coal and Biomass Gasification (pp. 223-241)	2017

Publications of Faculty Members for 2016-2017

Sl No.	Name of the Faculty	Publications	Journal	Year
1	Bhaskor Jyoti Bora	Emission Reduction Operating Parameters for a Dual-Fuel Diesel Engine Run on Biogas and Rice-Bran Biodiesel,	ASCE Journal of Energy Engineering	2016
2	Dheeman Bhuyan	Design and Analysis of Base Valve of Twin Tube Dampers	Applied Mechanics and Materials	2016

3	Anal Ranjan Sengupta	Vertical Axis Wind Turbines in the built environment - A review	ISESCO Journal of Science and Technology, vol 12, No 22	2017
4	Anal Ranjan Sengupta	Studies of some high solidity symmetrical and unsymmetrical blade H-Darrieus rotors with respect to starting characteristics, dynamic performances and flow physics in low wind streams	Renewable Energy	2016
5	Rajib Bhowmik	Design and Fabrication of paddy Transplanter	IRACST – Engineering Science and Technology: An International Journal (ESTIJ), ISSN: 2250-3498 Vol.6, No.4, July-August 2016	2016

6	Anal Ranjan Sengupta	An analysis of wind energy potential of silchar (Assam, India) by using different models	International Journal of Engineering and Management Sciences	2016
7	Anal Ranjan Sengupta	Comparative study of the performances of symmetrical and unsymmetrical blade H-Darrieus rotors in low wind speed conditions	National Research Scholars' Conclave on Innovation and Recent Trends in Science and Technology (IRTST), 2016, NIT Srinagar., At NIT Srinagar, Jammu and Kashmir, India	2016
8	Anal Ranjan Sengupta	Experimental Analysis of a high solidity cambered blade H-rotor in low wind streams	Proceedings of the 6th International and 43rd National Conference on Fluid Mechanics and Fluid Power December 15-17, 2016, MNNITA, Allahabad, U.P., India	2016

9	Dheeman Bhuyan	Static structural analysis of piston valve of twin tube dampers	IEEE	2017
10	Aunshuman Chatterjee	Application of back propagation neural network in predicting Nox emission from I.C.Engines	International Journal of Current Advanced Research. Vol 6, issue 5, May 2017. p-3791-3795 DOI: http://dx.doi.org/10.24327/ijcar.2017.3795.0369	2017
11	Kankan Kishore Pathak	Comparison between exact thermal boundary condition and harmonic mean conductivity condition at the solid-fluid interface for finite thickness shrouded non-isothermal fin array	Applied Mathematical Modelling vol.45, pp. 323-335, 2017	2017

12	Kankan Kishore Pathak	Evaluation of heat transfer coefficient of a shrouded vertical array of heat sinks (fins): a computational approach	International Journal of Mechanical Engineering and Technology, vol. 8 (4), pp. 319-326	2017
13	Kankan Kishore Pathak	Computational study on heat transfer from a shrouded upright rectangular fin array: a typical case study	Journal of Chemical and Pharmaceutical Sciences, pp. 46-49	2017
14	Kankan Kishore Pathak	Effects of fin tip to shroud clearance on the thermal performance of rectangular vertical shrouded fin array	IEEE sponsored 4th International Conference on innovation in information, embedded and communication systems (ICIIECS '17)	2017
Books				

15	Bhaskor Jyoti Bora	Effect of Load Level on Performance and Emission Characteristics of a Biogas Run Dual Fuel Diesel Engine	Fluid Mechanics and Fluid Power- Contemporary Research	2016
16	Debarshi Mallick	Pyrolysis analysis of Sawdust, Coal and the blends of coal and Sawdust using Thermogravimetric analyzer	Proc. 6th International and 43rd National Conference on Fluid Mechanics and Fluid Power, Allahabad, India, pp. 110	2016
17	Debarshi Mallick	Effects of operating parameters in a Circulating Fluidized Bed (CFB) Biomass Gasifier"	Proc. 6th International and 43rd National Conference on Fluid Mechanics and Fluid Power, Allahabad, India, pp. 106 - 107	2016
18	Debarshi Mallick	Co-pyrolysis study of sawdust and coal blends using Thermogravimetric analysis"	Proc. National conference on Sustainable Mechanical Engineering: Today and Beyond	2016

