CURRICULAM VITAE

1. **Name in full (in block letters):** KRISHNA MURARI PANDEY
2. **Father's Name:** Late Yamuna Pandey
3. **Address for communication (Block letters):** DEPARTMENT OF MECHANICAL ENGINEERING, NIT SILCHAR, ASSAM-788010, INDIA.
4. **Contact Nos.:** +91-7896287110 (M)
5. **Nationality:** INDIAN
6. **Email ID:** kmpandey2001@yahoo.com
7. **Date of Birth:** 28/02/1958 **Age as on 14.12.2018: 60** years 09 months **16 days**
8. **Gender:** MALE
9. **Educational qualifications (from Matriculation onwards) with subjects & percentage of marks and the Board / University from where passed in tabular form along with attested copies of the testimonials.**

Qualification	Board/University	Year of passing	Percentage	Division	Subjects / Specialization
Matriculation	Bihar S.S.E. Board, Patna	1973	69.9%	1st	
I.Sc.	St. Xavier College, Ranchi	1975	68%	1st	PCM
B. Tech.	BHUIT, Varanasi NOW IIT BHU	1980	65.9%	1st	MECHANICAL
M. Tech.	BHUIT, Varanasi NOW IIT BHU	1987	70%	1st	HEAT POWER
Ph.D.	IIT Kanpur	1994			MECHANICAL

10. **Field / Area of Specialization:** Thermal Engineering
11. **Assessor in National Assessment and Acreditation Council (NAAC) :** Since July 2018
12. **List of all previous employment (Most recent first together with details of duties, Pay Scale and salary drawn) / Experience (Administrative, Academic & Research) in following sequence:**

S.No.	Position held (at the level of)	Pay Scale + Grade Pay /equivalent	Experience (Period may kindly be mentioned)			
			Academic/ Teaching	Administrative	Research	If any
1.	**Head of Institution/ Organisation**					
2.	**Professor (HAG)**		25/09/2018 Till date			
3.	**Professor or equivalent**	10,000 GP, PB-IV, 37,400-67000	28/05/2006 to 24/09/2018 Till date	HOD for more than 6 years	Guided 10 for Ph.D. & 78 for M.Tech.	
4.	**Associate Professor or**					

	equivalent					
5.	**Assistant Professor or equivalent**	12,300-420-18,000	15/03/1991 to 27/05/2006. This was equivalent to Assoc. Prof as now.			
6.	**Reader or equivalent**					
7.	**Lecture or equivalent**	2200-4000	06/01/1987 to 14/03/1991			

13. No. of Ph.D. guided (Completed and in progress) –Ph.D. 10 completed, 1 submitted, 12 in progress

14. M.Tech.-78 completed

15. Ph.D guided and in progress

S.No.	Name of Scholar	Research Topic	Doctoral Level	Year of completion	Co-guide/if any
1.	**A.P Singh**	Numerical investigation of combustion chamber for supersonic and hypersonic flow regimes	Ph.D (Full Time)	Completed on 4/06/2012	
2.	**Prabhash Bose**	Investigation Of Ballistic, Combustion Characteristics and Physical Properties Solid Composite Propellant for Multi Barrel Rocket Launcher	Ph.D (Part Time)	Completed on 10/02/2014	
3.	**Abhijit Sinha**	Productivity analysis of CTC tea industries of Barak Valley with special emphasis on socio-Technological aspects	Ph.D (Full Time)	Completed on 10/08/2014	**Dr. Rajat Gupta**
4.	**Pinku Debnath**	Performance Investigation of Pulse Detonation Engine and Feasibility Study of Pulse detonation Engine	Ph.D (Full Time)	Completed on 04/05/2016	
5.	**Sukanta Roga**	CFD Analysis of Scramjet Combustor with Strut Injectors and Cavity Based Flame Holders at Supersonic and hypersonic Mach Numbers	Ph.D (Full Time)	Completed on 04/02/2016	
6.	**Bidesh Roy**	The effect of modified shrouded intake valve on swirl ration and mean flow coefficient in IC Engines.	Ph.D (Part Time)	Completed	**Dr. R. D Misra**
7.	**Ajoy Debbarma**	Computational analysis of rewetting of nuclear fuel clad surface during loss of coolant accident	Ph.D (Full Time)	Completed on 06/04/2017	
8.	**Deepak Sharma**	CFD Analysis of thermal hydraulics behaviour of fuel rod using nanofluids in Light water nuclear reactor	Ph.D (Full Time)	Completed on 13/10/2017	
9.	**Gautam Choubey**	Numerical simulation with CFD on the performance of Scramjet combustor using	Ph.D (Full Time)	completed	

		Multi-strut injector			
10.	**Abhijit Dey**	Experimental Studies on composite materials	Ph.D (Full Time)	Completed on 24 January 2018	
11.	**Saroj Yadav**	A Comparative Thermal Analysis of Pin Fins for Improved Heat Transfer in Forced Convection	Ph.D (Part Time)	Submitted	
12.	**P. L. Choudhury**	Experimental and Computational Analysis on Polymer Matrix Composite Materials	Ph.D (Part Time)	Registered In July 2008	
13.	**Noor Alam**	CFD Analysis on Pulse Detonation Engine.	Ph.D (Full Time)	Registered in July 2015	**Dr. K.K Sharma**
14.	**M.K Sahoo**	Numerical analysis of Heat transfer in pin fins	Ph.D (Full Time)	Registered In July 2015	**Dr. S. Chatterjee**
15.	**Lakka Suneetha**	Numerical analysis of Improvement in combustion efficiency of scramjet engines	Ph.D (Full Time)	Registered in September 2016	**Dr. P Randive**
16.	**Bandi V.R.**	Experimental studies on composites materials	Ph.D (Full Time)	Registered in September 2016	**Dr. S. R Maity**
17.	**Ravi Ranjan**	Unsteady stress analysis of turbine blades at high speeds with commercial softwares	Ph.D (Full Time)	Registered in September 2016	**Dr. S Dey**
18.	**K.O. Reddy**	Numerical analysis of Improvement in combustion efficiency of scramjet engines using transverse injection approach	Ph.D (Part Time)	Registered since Jan 2017	**Dr. Rajat Gupta**
19.	**Surendra Yadav**	Numerical analysis of Improvement in combustion efficiency of scramjet engines using cavity based injection approach	Ph.D (Part Time)	Registered since Jan 2017	**Dr. Rajat Gupta**
20.	**Durgesh Kumar Mishra**	Experimental Analysis on Phase Change Materials	Ph.D (Full Time)	Registered in August 2017	**Dr. Sumit Bhowmik**
21	**Kumari Ambe Verma**	Numerical Investigation of scramjet combustor with ramp injector	Ph.D (Full Time)	Registered in August 2017	**Dr. K.K Sharma**
22.	**Namrata Bordoloi**	Numerical Investigation of scramjet combustor with different fuels	Ph.D (Full Time)	Registered in July 2017	**Dr. K.K Sharma**
23.	**Akhileshwar Singh**	Numerical Investigation of scramjet engines	Ph.D (Full Time)	Registered in July 2017	**Dr. Yogesh Singh**

16. M.Tech completed

Sl. No.	**Name of the**	**Title of thesis**	**Master's level**	**Year of**	**Co-guide(s) if**

	student			completion	any
1.	**Ramanuj Deb**	Thermo economic Optimization of an irreversible solar driven heat engine.	M.Tech	2006	
2.	**M. Mahesh**	Temperature distribution in a work roll in cold rolling process	M.Tech	2007	
3.	**Mukul Ray**	Studies on hydrodynamics and heat transfer characterist-ics in a circulating fluidized bed.	M.Tech	2007	
4.	**Amrit Sarkar**	Computational thermal analysis of a nuclear fuel element	M.Tech	2008	
5.	**Kaushik Deb**	Study of noise pollution in I.C. Engines	M.Tech	2008	
6.	**A.P.Singh**	Supersonic flow through De Laval nozzle with Sudden exp- ansion with Fluent Software.	M.Tech	2009	
7.	**Bikramjeet Acharya**	Computational analysis mode-ling species transport and gas-eous combustion a numerical analysis with fluent software.	M.Tech	2009	
8.	**Virendra Kumar**	Studies on Free jet flows; an analysis with fluent software	M.Tech	2009	
9.	**S.K Yadav**	Studies on rocket nozzles with fluent software	M.Tech	2009	
10.	**Amitabha Roy**	Modeling of combustion proc-ess in turbojet engines: an analysis with fluent software.	M.Tech	2009	
11.	**S.D. Verma**	Computational analysis of Noise Pollution from Internal Combustion engines	M.Tech	2009	
12.	**S.D. Pandey**	CFD Analysis of combustion of methane at high speed inlet with and without bluff body by using Fluent software	M.Tech	2010	
13.	**Ravindra Kumar**	Studies on coal combustion in circulating fluidized bed using CFD analysis	M.Tech	2010	
14.	**Bidesh Roy**	Design of S.I engine intake Valve for high level of Intake swirl generation using CFD.	M.Tech	2010	
15.	**K.K Siva Kumar Reddy**	Numerical simulation of flow and heat transfer in combusti-on chamber of rocket engine	M.Tech	2011	
16.	**T. Sivasakthivel**	Studies on developments of rocket engines	M.Tech	2011	
17.	**Surya Kumar**	Numerical analysis of flow	M.Tech	2011	

		through gas turbines			
18.	**O. Chakrabroty**	Numerical analysis of Super-sonic Combustion	M.Tech	2011	
19.	**N.Pradeep Kumar**	Unsteady analysis of thin film lubrication in journal bearings.	M.Tech	2011	**Mr. P.L. Choudhury**
20.	**S. Chakraborthy**	Numerical Analysis of perfor-mance of Centrifugal Pumps	M.Tech	2011	**Dr. D. Dutta**
21.	**Nabarun Biswas**	Unsteady Analysis of multi-lobe Bearings	M.Tech	2011	**Dr. A.C. Paul**
22.	**J.P.Kalita**	Numerical analysis of cavity based inclined injector with non-premixed combustion model in supersonic flow regime.	M.Tech	2012	
23.	**Sukanta Roga**	Numerical analysis of super-sonic combustion with dia-mond shaped strut injector using non-premixed combustion model	M.Tech	2012	
24.	**Kamalashish Deb**	Numerical analysis of ramp based inclined injector with non-premixed combustion model in supersonic flow regime	M.Tech	2012	
25.	**K.O. Reddy**	3D Computational studies On star shape grain geometry solid fuel combustion	M.Tech	2013	
26.	**Deepak Sharma**	Studies on 3D CFD steady sta-te heat transfer in nuclear fuel rods for sub channels of car-bon dioxide flow at a pressure above the critical value	M.Tech	2013	
27	**Ajoy Debbarma**	CFD analysis of flow & heat transfer in sub channel of high performance reactor with light water as coolant	M.Tech	2013	
28.	**Ravindra Kannojiya**	Studies on power generation from wind turbine	M.Tech	2013	**Dr. K.K sharma**
29.	**Sunita Deb**	2D Computational studies on cylindrical shape grain geo-metry solid fuel combustion	M.Tech	2013	
30.	**Binita Nath**	Numerical analysis of super-sonic combustion with dia-mond shaped strut injector using non- premixed combus-tion model at Mach 4 and 5.	M.Tech	2013	

31.	**G.C.C. Pratap**	Numerical analysis of nuclear Fuel Rods.	M.Tech	2014	
32.	**Prateek srivastava**	Numerical Analysis of Design & Combustion of Ramjet.	M.Tech	2014	
33.	**Gautam Choubey**	Numerical Analysis of super-sonic Combustion.	M.Tech	2014	
34.	**R. Karthik**	Numerical Analysis of River Flood of Barak River	M.Tech	2014	
35.	**Akash Raj**	3D Computational studies On Star shaped grain geom-etry solid fuel combustion	M.Tech	2014	
36.	**C. Barman**	CFD analysis of flow & heat transfer in sub channel of high performance reactor with light water as coolant	M.Tech	2014	
37.	**Abhijit dey**	Design and stress analysis of composite pressure vessel	M.Tech	2014	**Mr. P.L. Choudhury**
38.	**S.K. Sahoo**	Heat Transfer in nuclear power plants	M.Tech	2015	
39.	**Noor Alam**	Experimental studies on hybrid Engine using hydroxy gas(HHO)	M.Tech	2015	
40.	**H. Mazarbhuiya**	Stress Analysis in gas turbine Blades	M.Tech	2015	
41.	**Jitu Halloi**	Heat transfer in Nuclear power plants	M.Tech	2015	
42.	**M. K. Paswan**	CFD Analysis of Scramjet Combustion	M.Tech	2015	
43.	**R. Rajkhowa**	CFD Analysis of unmanned Aerial Vehicles with Rim Mounted Blades	M.Tech	2015	**D.H. Das**
44.	**Monoranjan Das**	CFD Analysis of Pulse detonat-ion Engines with Spiral Internal Grooves	M.Tech	2015	**D.H. Das**
45.	**S.D. Mohapatra**	Stress Analysis in Wind turbi-ne Blades	M.Tech	2015	**Mr. P.L. Choudhury**
46.	**D. Mohanty**	Transient Thermal Analysis of Modified Cr-Mo steel during Gas Metal Arc welding process	M.Tech	2015	
47.	**Rajesh Chourashiya**	CFD Analysis of heat transfer in solar flat plate collectors	M.Tech	2016	
48.	**Jitendra Kumar**	CFD Analysis of Pulse detonation engines	M.Tech	2016	

49.	**Akhileshwar Singh**	CFD Analysis of combustion in Scramjet engines	M.Tech	2016	
50.	**J. Acharya**	CFD Analysis of Aerodynamics of light weight helicopters	M.Tech	2016	**Dr. S. Chatterjee**
51.	**Raviranjan**	Further developments in design of gas turbine blades	M.Tech	2016	
52.	**Mujibur Rahman**	Numerical and experimental analysis of composite materials	M.Tech	2016	
53.	**M. Debnath**	Numerical analysis of heat transfer in welding process	M.Tech	2016	
54.	**Pritam Majumdar**	Design and analysis of underwater vehicles	M.Tech	2016	**Prof. N. V. Deshpande**
55.	**M. Sandeep**	Design and analysis of axial flow compressors	M.Tech	2016	
56.	**R K Yadav**	Heat transfer enhancement using micro fin heat sink	M.Tech	2017	
57.	**Dakshesh Kumar**	Experimental and FEA of Dyanimic Charactersitics of Cantilever Beam	M.Tech	2017	**Dr. L. Roy**
58.	**Kuldeep Singh**	Modeling and Structural Analysis of Boiler Shell with Riveted Joints	M.Tech	2017	**Dr. L. Roy**
59.	**K. S. Bhagwan**	Two phase air-aerosol flow analysis through CT based human airways	M.Tech	2017	**Dr. A.B. Deoghare**
60.	**Aditya Srivastava**	Decision making approaches for material Selection using Choquet integral	M.Tech	2017	**Dr. S.R Maity**
61.	**Vishal Anand**	Numerical Investigation On Droplet splashing over liquid thin film	M.Tech	2017	**Dr. P. Randive**
62.	**Ajay Kumar**	Performance Analysis of wind Farm model Using Savonious VAWTs having Different diam-eter and Different Heights	M.Tech	2017	**Dr. K.K sharma**
63.	**Dhrubjyoti Sarmah**	Studies on Surface modificati-on of inorganic Nano particle and its application	M.Tech	2017	**Dr. S. Halder**
64.	**Prince Kumar**	Hydrodynamic and Thermal Transport Characterstics for Turbulent Flow through Corrugated channel	M.Tech	2017	**Dr. S. Pati**

65	**Siddhita Yadav**	Computational study of flame behaviour on scramjet engine with tandem dual cavity	M.Tech	May 2018	
66	**Saurabh Tripathi**	Effect of Obstacles on Flame velocity in Pulse Detonation Engine	M.Tech	May 2018	
67	**Kumar Aditya Chandra**	CFD analysis solar water heater	M.Tech	May 2018	**K. K Sharma**
68	**Shivji Kumar**	CFD analysis solar water heater	M.Tech	May 2018	**K. K Sharma**
69	**Pankaj kumar Shahu**	Optimisation of process parameters of abrasive water jet machining using grey-fuzzy hybrid approach	M.Tech	May 2018	
70	**Dhiraj Raj**	Characterisation of spray formed and warm rolled Al-Si-Pb alloy	M.Tech	May 2018	**Dr.S.R.Maity**
71	**Shende suraj Balu**	Design and modeling of human middle ear for harmonic response analysis	M.Tech	May 2018	**Dr.A.B. Deoghare**
72	**Radhe Tado**	Computational study of blood flow analysis for coronary artery disease	M.Tech	May 2018	**Dr.A.B. Deoghare**
73	**Guttikonda Manohar**	Fabrication and determination of mechanical properties of AA7075/B4C Nano composite by powder metallurgy techniques	M.Tech	May 2018	**Dr.S.R.Maity**
74	**Navin Niraj**	Tribiological behaviour of magnesium metal matrix composites	M.Tech	May 2018	
75	**Ajay Yadav**	Tribiological behaviour of aluminium metal matrix composites	M.Tech	May 2018	
76	**Smriti Jaiswal**	CFD simulation of two phase air aerosol drug deposition in the human airways	M.Tech	May 2018	**Dr.A.B. Deoghare**
77	**Girija sankar Murmu**	Preparation of biodegradable plastic and bio-bag using banana peel as an alternative of plastic bag optimising with Taguchi method	M.Tech	May 2018	
78	**Netrananda Behera**	Modeling and simulation of uni-directional MMC subjected to off axis loading using cohesive zone under elevated temperature	M.Tech	May 2018	

17. No. of Projects (completed & in progress)

1.	Worked in the area of Non-Conventional Energy since Jan 1995 on Development of Micro-Hydel

	Power Plants, an AICTE project of Rs. 5.7 lakhs (Completed).
2.	Worked as a Coordinator in Modernization of Heat Transfer Laboratory, an MHRD Project of Rs. 9.0 lakhs since April 1998 (Completed).
3.	Worked in a Nationally Co-ordinated Project as Co-investigator since Jan. 2009 for 3 years on establishing an institute of excellence for advanced studies, training and research in mechanical engineering at lead institution IIT Guwahati. NIT Silchar and NERIST Itanagar are the two other participating institutions. Utilization certificate was submitted till 31-03-2012.
4.	Extraction of pineapple fibres in Barak valley of Assam, 5 lacs from KVIC to be completed in October 2012.Utilization certificate was submitted till 31-03-2013.
5.	Energy quality and productivity audit of KVIC works in Barak Valley region of Assam, 5 lacs from KVIC to be completed in October 2012. Utilization certificate was submitted till 31-03-2013.
6.	Standardisation of Measurement Protocol For Overall Heat Transfer Co-efficient (U-Valve) For Building Materials & Components For Indian Subcontinent. (In Progress) received in July 2017 for 3 years from DST.
7	State Coordinator for Assam state to Prepare a State Specific Plan for Technical Education in India- An AICTE National Project. The National coordinator is Prof. Rajesh Khanna from IIT Delhi- Since November 2018

18. Details of Memberships in societies

1.	Fellow, Institution of Engineers , India Ltd, F-119905-2 on 30-06-2015
2.	Fellow of Journal of Environmental Research and Development, an International Journal (F/638/2010).
3.	Member, American Society of Mechanical Engineers, No. 100083085 since 2010
4.	Life Member of Indian Welding Society- Membership No: L01478.
5.	Life Member of Indian Society of Technical Education. Membership No:9840
6.	Senior Member, International Association of Computer Science and Information Technology, IACSIT Singapore, Membership Number-80338108
7.	Member, Technical Committee, International Conference on Mechanical Engineering, Robotics and aerospace, ICMERAS 2010, December 2-4-2010, Bucharest, Romania (By IACSIT and IEEE).
9.	Member, Technical Committee, International Conference on Mechanical and Aerospace Engineering (CMAE 2011) New Delhi, India, March 19-20, 2011.
10.	Member, Technical Committee, International Conference on Control, Robotics and Cybernetics (ICCRC 2011) March 19-20, 2011, New Delhi, India.
11.	Member, Technical Committee, 2011, International Conference on Traffic and Logistics Engineering (ICTLE 2011), Chennai, India, April 2011.
13.	Reviewer for the ASME international conference to be held in Canada in 2010 reviewed. Reviewed one paper in September 2010.
14.	Member, Editorial Board, International Journal of Mechanical Engineering, ISST International Journal of Mechanical Engineering, Intellectuals society for socio-techno welfare, B-401, Sawarnjayantipuram, Govindpuram, Ghaziabad-201003, UP India. Since January 2010.
15.	Member, Advisory Board, The World Academy of Research in Science and Engineering. (WARSE)

1.	Taken as expert in AICTE for selection of adjunct professorship scheme in the year 2017

Key note speeches

1.	Key note Speaker in CIME 2016 organised by Krishi Sanskriti at JNU New Delhi from March 20-21, 2016. Title- Numerical Investigations into the Design and Development of Scramjet

	Combustors–A Review
2	Key note Speaker and co-editor, 2nd Annual International Conference on Advanced Material Engineering [AME2016], April 15-17, 2016, Wuhan, Hubei, China.
3	Key note speaker in International Seminar in Advances in Materials Science and Engineering, Singapore , 22-24 June 2018
4	**Key note speaker in 2018 4th International Conference on Energy, Environment and Materials Science (ICEEMS 2018) .**

Chaired in the Following Conferences

1	Chair, Program Committee, 3rd International Conference on Machine Learning and Computing, February, 2011, Singapore
2	Chaired a technical session in an International Conference organized by Krishi sanskriti at JNU New Delhi from March 20-21, 2016
3	General Chair for International Conference on Innovative Research In Applied Physics, Material Sciences, Instrumentation, Electronics, Communication, Electrical, Power Control, Computer Science and Information Technology Organized by Department of Electronics & Communication Technology, Computer Science, IT, and Instrumentation & USIC, Gauhati University, Gauhati, Assam, India and Krishi Sanskriti, New Delhi, India On Dated, 10th - 12th November, 2016, Venue: Gauhati University, Gauhati, Assam, India.

Organised Training Programmes

1	Organized one short term training programme on Computational Methods in Mechanical Engineering for a week from 12-03-2016 to 16-03-2016 as co-ordinator.
2	As co-ordinator, orgainsed one STTP on computational combustion from 31/10/2016- 05/11/2016
3	Organised one national conference in Department of Mechanical Engineering NIT, Silchar on December 20-21 2008 as chairman of the conference on the topiuc Recent advances in Mechanical Engineering

Reviewer in reputed Journals

1	Reviewer, International Journal of Hydrogen Energy, SCIE Journal, Elsevier Publications
2	Reviewer, Renewable Energy Elsevier Publications SCI Journal.
3	Reviewer, International Journal of heat & Mass Transfer, Elsevier Publications SCI Journal.
4	Reviewer, International Journal of heat & Mass Transfer, Elsevier Publications SCI Journal.
5	Reviewer, Journal of Environmental Research and Development since 2010.

19. No. of Books published (6)

1.	K.M. Pandey and Ajoy Debbarma, CFD Analysis of Flow and Heat Transfer in Sub-Channels of HPLWR(High Performance Light Water Reactor), LAP LAMBERT ACADEMIC PUBLICATIONS, GERMANY, pages 80, ISBN 978-3-659-40788-8 Published on 25-08-2013.
2.	K.M. Pandey and Deepak Sharma, 3D CFD Analysis of Heat Transfer in Sub Channels of Nuclear Reactors, LAP LAMBERT ACADEMIC PUBLICATIONS, GERMANY, pages 80, ISBN- 978-3-659-46288-7 Published on 19-08-2013.
3.	K.M. Pandey, K.K. Sharma and R. Kannojiya, Experimental Studies on Savonius and Bach Type Rotors, LAP LAMBERT ACADEMIC PUBLICATIONS, GERMANY, pages 92, ISBN- 978-3-659-19500-6, Published on 06-11-2013.

4.	Ray, Mukul; Sen, Dipak; Pandey, K. M. Circulating Fluidized Bed, LAP LAMBERT ACADEMIC PUBLICATIONS, GERMANY, pages 92, ISBN- 9783659574733, Published in 2014.
5.	K.M. Pandey and Reddy K. Obula Reddy , CFD Analysis of Solid Rocket Motors**,** LAP LAMBERT ACADEMIC PUBLICATIONS, GERMANY, pages 92, ISBN- 978-3-659-48990-7, Published on March 17, 2015.
6.	K.M. Pandey and Deb Sunita , 2D CFD Analysis of Combustion in Eight LeggedStar Shaped Perforation **,** LAP LAMBERT ACADEMIC PUBLICATIONS, GERMANY, pages 92, ISBN- 978-3-659-69490-5, Published on April 29, 2015.

20. Chapters of Books written

1.	Chapter 17, Human resource practices in private sector: a case study of Cadtrium engineering solution Pvt. Ltd. Gurgaon PP.169-185, in the book entitled Research in management and technology by Dr. Aneet and Ramanjeet Singh, copyright 2008, Gyan Jyoti Institute of Management and Technology, Mohali, Chandigarh. This book is published by Deep and Deep Publications, New Delhi in the year 2008, Price Rs. 2800.
2	Vistas of Education, Abhishek Kumar and K.M.Pandey , An Analysis of Vocational and Technical Education for persons with disabilities of North East Regions,pp 31-46, N E Books and Publishers National highway Silchar ISBN:978-81-923224-4-5.2013
3.	Written a chapter of book on Nanotechnology, Vol.5 Defence Applications, Recent advances in nonmaterial's of defence applications, Chapter 3 PP 35-53, Series Title : Nanotechnology, Series ISBN : 1-62699-000-X, Volume No. and Title : Vol.5: Defence Application, Volume (5) ISBN : 1-62699-005-0, Executive Editor : Dr. J.N. Govil, Volume Editors : Dr. Shishir Sinha and Dr. Naveen K. Navani, Publisher: Studium Press LLC, P.O. Box 722 200, Houston, TX 77072- USA.
4.	S. Yadav, K. Das, K. M. Pandey, Fluid Mechanics and Fluid Power – Contemporary Research, Springer Publications, Chapter 40, 2016, 978-81-322-2741-0.
5.	Geeta Kumari and K.M. Pandey, Studies on Workplace Spirituality and Organizational Performance, Compendium on Integrating Spirituality & Organizational Leadership, Volume 8 Spiritual Leadership for Business Transformation, ISOL FOUNDATIONS New Delhi, Editor Prof. Sunita Singh Sengupta, pp.123-133.
6.	Geeta Kumari, Gaurav Joshi and K.M. Pandey, Business Spirituality Role and Responsibilities of Entrepreneurs, Compendium on Integrating Spirituality & Organizational Leadership, Volume 9 Spirituality for Social Innovation and Social Change Reaching the Bottom of Pyramid, Spiritual Leadership for Business Transformation, ISOL FOUNDATIONS New Delhi, Editor Prof. Sunita Singh Sengupta. pp. 138-144.

21. Orcid ID: orcid.org/0000-0001-7885-0353**, Scopus ID:** 14065301500.

22. No. of Publications (National and International)–

International Journals: 197, out of which 45 are SCI/SCIE, 97 Scopus indexed research articles, h-index-10.
National Journals: 8
International Conferences-163
National Conferences- 82

23. Publications:

International Journals

1	Debnath, S., Das, B., Randive, P.R., Pandey, K.M., Performance analysis of solar air collector in the climatic condition of North Eastern India (2018) Energy, 165, pp. 281-298, DOI: 10.1016/j.energy.2018.09.038, Elsevier Ltd (SCIE)
2	Shende, S.B., Deoghare, A.B., Pandey, K.M., Characterization of harmonic response of human middle ear using finite element approach (2018) Journal of Computational Science, 29, pp. 94-98, DOI: 10.1016/j.jocs.2018.10.003, Elsevier B.V. (SCIE)
3	Kummitha, O.R., Pandey, K.M., Gupta, R., Optimization of scramjet performance with different fuel injection techniques and flame holder cavities (2018) Acta Astronautica, 152, pp. 908-919, DOI: 10.1016/j.actaastro.2018.09.026, Elsevier Ltd (SCIE)
4	Sharma, D., Pandey, K.M., Review on using nanofluids for heat transfer enhancement in nuclear power plants (2018) Kerntechnik, 83 (5), pp. 426-438, DOI: 10.3139/124.110925, Carl Hanser Verlag (SCIE)
5	Dey, A., Pandey, K.M., Wire electrical discharge machining characteristics of AA6061/cenosphere as-cast aluminum matrix composites (2018) Materials and Manufacturing Processes, 33 (12), pp. 1346-1353, DOI: 10.1080/10426914.2017.1388517, Taylor and Francis Inc. (SCIE)
6	Choubey, G., Pandey, K.M., Effect of variation of inlet boundary conditions on the combustion flow-field of a typical double cavity scramjet combustor (2018) International Journal of Hydrogen Energy, 43 (16), pp. 8139-8151, DOI: 10.1016/j.ijhydene.2018.03.062, Elsevier Ltd (SCIE)
7	Kummitha, O.R., Pandey, K.M., Gupta, R., Numerical analysis of hydrogen fueled scramjet combustor with innovative designs of strut injector (2018) International Journal of Hydrogen Energy, . Article in Press, DOI: 10.1016/j.ijhydene.2018.04.067, Elsevier Ltd (SCIE)
8	Saroj Yadav , K.M.Pandey , : A parametric thermal analysis of triangular fins for improved heat transfer in forced convection, Strojniški vestnik- Journal of Mechanical Engineering, 64(6), pp. 401-411, 2018 SCIE Journal
9	Gautam Choubey, K. M. Pandey, Effect of different wall injection schemes on the flow-field of Hydrogen fuelled strut-based scramjet combustor, Acta Astronautica, 2018, Volume 145, pp. 93-104 [ELSEVIER] [IF = 1.536] doi.org/10.1016/j.actaastro.2018.01.034
10	Obula Reddy Kummitha, Krishna Murari Pandey, Rajat Gupta, CFD analysis of a scramjet combustor with cavity based flame holders, Acta Astronautica, Volume 144, 244-253, 2018
11	Dey, A., Pandey, K.M., Selection of optimal processing condition during WEDM of compocasted AA6061/cenosphere AMCs based on grey-based hybrid approach (2018) Materials and Manufacturing Processes, 33 (14), pp. 1549-1558, DOI: 10.1080/10426914.2018.1453154, Taylor and Francis Inc. (SCIE)
12	Debbarma, A., Pandey, K.M., CFD analysis of rewetting behavior in nuclear fuel rod bundle with change in operating conditions, , 2018 Kerntechnik, 83(1), pp. 36-49 (SCIE)
13	Kummitha, O.R., Pandey, K.M., Gupta, R. Numerical analysis of hydrogen fueled scramjet combustor with innovative designs of strut injector2018 International Journal of Hydrogen Energy (SCIE)
14	K.M. Pandey, Gautam Choubey, Fayez Ahmed, Dilbahar Hussain Laskar, Pushpdeep Ramnani, Effect of variation of hydrogen injection pressure and inlet air temperature on the flow-field of a typical double cavity scramjet combustor, , International Journal of Hydrogen Energy, volume 42(2017), pp20824-20834. (SCIE)

15	Gautam Choubey, K.M. Pandey, Effect of strut +wall injection techninque on the performance of two-strut scramjet combustor, International Journal of Hydrogen Energy Volume42, Issue 18, 4 May 2017 http://dx.doi.org/10.1016/j.ijhydene.2017.04.024, Pages 13259-13275. (SCIE)
16	Gautam Choubey, K.M. Pandey, Effect of parametric variation of strut layout and position on the performance of two-strut scramjet combustor, International Journal of Hydrogen Energy, Volume 42, Issue 15, 13 April 2017 http://dx.doi.org/10.1016/j.ijhydene.2017.03.014, Pages 10485-10500. (SCIE)
17	Gautam Choubey, K.M. Pandey, Investigation on the effects of operating variables on the performance of two-strut scramjet combustor, International Journal of Hydrogen Energy (2016), Volume 41, Issue 45, 7 December 2016, pages 20753-20770, http://dx.doi.org/10.1016/j.ijhydene.2016.09.157 (SCIE)
18	Choubey G, Pandey KM, Effect of variation of angle of attack on the performance of two-strut scramjet combustor, International Journal of Hydrogen Energy (2016), Volume 41, Issue 26, 13 July 2016, Pages 11455-11470 http://dx.doi.org/10.1016/j.ijhydene.2016.04.048 Elsevier Publications , SCIE Journal
19	Pinku Debnath and K.M.Pandey, Exergetic Efficiency Analysis of Hydrogen-Air Detonation in Pulse Detonation Combustor Using CFD , International Journal of Spray Combustion and Dynamics,9 (1) PP.4, 2017,DOI:10.1177/1756827716653344, Sage Publications, online version (SCIE Journal)
20	K.M. Pandey, S. Roga and Gautam Choubey, "Computational Analysis of Hypersonic Combustor Chamber Using Strut Injector at Flight Mach 7," Combustion Science and Technology. Taylor & Francis, Volume 187(9), pp. 1392-1407, September 2015 (SCI Journal) DOI: 10.1080/00102202.2015.1035371, (SCI Journal)
21	K M Pandey, S.Roga and Gautam Choubey, Numerical Investigation on Hydrogen-fuelled Scramjet Combustor with Parallel strut fuel injector at a Flight Mach number of 6, April 2016 Journal of Applied Fluid Mechanics, Vol.9 No.3 PP.1215-1220, ISSN: 1735-3572, eISSN: 1735-3645 (SCIE Journal)
22	Mahto, N.K., Choubey, G., Suneetha, L., Pandey, K.M. Effect of variation of length-to-depth ratio and Mach number on the performance of a typical double cavity scramjet combustor, Acta Astronautica 128, PP.540, 2016 (SCIE Journal)
23	Gautam Choubey and K.M.Pandey, Numerical studies on the performance of Scramjet combustor with alternating wedge-shaped strut injector, published in International Journal of Turbo and Jet Engines DOI: 10.1515/TIJ20150048, September, Published online on 9th Sept. 2015, De Gruyter Publications China, SCIE International Journal. Source Normalized Impact per Paper (SNIP): 0.749, (SCIE Journal).
24	Pinku Debnath and K.M.Pandey, Numerical Investigation of Detonation Combustion Wave in Pulse Detonation Combustor with Ejector, Journal of Applied Fluid Mechanics, 10 (2) pp. 725 (www.jafmonline.net. SCIE Journal) 2017
25	Chiranjib Bhowmik, Sumit Bhowmik, Amitava Ray and Krishna Murari Pandey, Optimal Green Energy Planning For Sustainable Development: A Review" Renewable and Sustainable Energy Review.Vol.71, PP.796.doi.org/10.1016/j.rser.2016.12.105,2017. (SCIE)
26	A. Debbarma and K. M. Pandey, "Influence on rewetting temperature and wetting delay during rewetting rod bundle by various radial jet models", Kerntechnik, March 2016, Vol. 81, No.1 Pages 38-49, SCIE International Journal Published from Hanser E-library, Germany SCIE Journal.

27	Ajoy Debberma and K.M.Pandey, Numerical analysis on the effect of flow rates and jet diameters in rewetting vertical nuclear fuel bundles with jet impingements, Annals of Nuclear Energy, Volume 94, August 2016, PP.518-529 Elsevier Publications, DOI:10.1016/j.anucene.2016.04.023, SCI Journal.
28	Ajoy Debberma and K.M.Pandey, CFD analysis of rewetting of a single sector AHWR fuel cluster with changing jet directions, Nuclear Engineering and Design Volume 308, November 2016, Pages 51–59 , https://doi.org/10.1016/j.nucengdes.2016.08.007
29	Pandey, K.M., Chaurasiya, R., A review on analysis and development of solar flat plate collector, Renewable and Sustainable Energy Reviews, Vol-67, PP.641, 2017
30	P. Debnath, K. M. Pandey, Numerical Investigation of Detonation Combustion Wave in Pulse Detonation Combustor with Ejector, Journal of Applied Fluid Mechanics, Vol. 10, No. 2, pp. 725-733, 2017, ISSN 1735-3572, EISSN 1735-3645
31	Kummitha, O.R., Suneetha, L., Pandey, K.M, Numerical analysis of scramjet combustor with innovative strut and fuel injection techniques, International Journal of Hydrogen Energy, 2017 Vol.42 (15), pp.10524.
32	Pandey, K M and Rathakrishnan E, Influence of cavities in flow development in sudden expansion: a comparison between supersonic and subsonic flow regime, International Journal of Turbo and Jet Engines, Volume 23(2), pp. 97-112. 2006. ISSN- 0334-0082. (SCIE Journal).
33	Pandey, K.M. and Rathakrishnan E, Annular cavities for base flow control, International journal of Turbo and Jet Engines, Volume 23(2), pp.113-127, 2006 ISSN-0334-0082. (SCIE Journal)
34	Ray M. and Pandey, K.M. Experimental studies on hydrodynamics of re-circulating fluidized beds, International journal of Turbo and Jet Engines, Volume 24(2), pp.75-84 2007, ISSN- 0334-0082. (SCIE Journal).
35	Rajat Gupta., Abhijit Sinha and Krishna Murari Pandey "Computational Fluid Dynamics (CFD) study of tea withering trough considering leaf layer as porous medium", Progress in Computational Fluid Dynamics, Volume14(5) PP. 304-315,. (DOI-10.1504/PCFD.2014.064561.)(SCIE Journal),2014.
36	Rajat Gupta., Abhijit Sinha, Krishna Murari Pandey and Sanjay Kumar Dey, "Exergy analysis of coal fired tea drying furnace", International Journal of Exergy, Volume 15(1) pp.. 54 – 732015, DOI 10.1504/IJEX.2015.069318, (SCIE Journal),2015.
37	D. Sharma and K.M. Pandey, Facile synthesis of TiO_2 nanoparticle and numerical investigation of nanofluids heat transfer characteristics for application in nuclear reactor using CFD Code has been published in Nanoscience and Nanotechnology Letters, Vol.8, pp.365-374, 2016.
38	D. Sharma and K. M. Pandey, Size control synthesis and characterization of ZnO nanoparticles and its application as ZnO-water based nanofluid in heat transfer enhancement in light water nuclear reactor, Kerntechniq, 82 (2017) 1; page 1–13, DOI 10.3139/124.110635.
39	Yadav,.S., Das, K. and Pandey K.M. A comparative analysis of heat transfer in extended surfaces with and without holes, Lecture Notes in Mechanical Engineering Volume Part F8, 2017, Pages 421-429.
40	Abhijit Dey and Krishna Murari Pandey, "Magnesium Metal matrix Composites - a review", Rev.Adv.Mater. Volume 42,No. 1, PP.58-67, 2015(SCIE Journal),2015.
41	Abhijit Dey and Krishna Murari Pandey, Characterisation Of Fly Ash and Its Reinforcement Effect on Metal Matrix Composites: A Review, Reviews on Advanced Material Science, April 2016. Vol.44(2), PP.168-181, (SCIE Journal)

42	A. Dey, S. Debnath and K.M.Pandey, "Optimization of EDM Process Parameters for Al6061/Cenosphere Composite using Grey based Hybrid Approach", Transaction of non-ferrous metal society China, Vol.27 May 2017, PP.998-1010. (SCIE Journal)
43	Mujibur Rahman, Abhijit Dey and Krishna Murari Pandey, "Machinability of Cenosphere Particulate Reinforced AA6061 Aluminum Alloy Prepared by Compocasting", Part B: Journal of Engineering Manufacture, DOI: 10.1177/0954405417699013., March 2017. (SCIE Journal)
44	Pannalal Choudhury, Sudipta Hasder, Nazrul Islam Khan,Jialai Wang and Krishna Murari Pandey, Enhanced creck suppression ability of hybrid glass fiber reinforced laminated composites fabricated using GNP/epoxy system by optimised UDM parameters, Ultrasonics –Sonochemistry, 39 (2017)174-187. (SCIE Journal)
45	Abhijit Dey and K.M.Pandey, Wire Electrical Discharge Machining Characteristics of AA6061/Cenosphere As-Cast Aluminium Matrix Composites, Materials and Manufacturing Processes, Taylor and Francis Publications https://doi.org/10.1080/10426914.2017.1388517, 2017. (SCIE Journal)
46	Deepak Sharma and K. M. Pandey, "Numerical Investigation of Heat Transfer Characteristics in Triangular Channel in Light Water Nuclear Reactor by using CuO-Water based Nanofluids", Indian Journal of Science and Technology, Vol 9(16), DOI: 10.17485/ijst/2016/v9i16/92574, April 2016.
47	Debbarma, A., Pandey, K.M., Sharma, D., Choubey, G.,CFD Analysis of rewetting vertical nuclear fuel rod by dispersed fluid jet impingement, Perspectives in Science (2016), http://dx.doi.org/10.1016/j.pisc.2016.04.010.
48	Ajoy Debbarma and Krishna Murari Pandey,CFD Study of Rewetting Nuclear Fuel Rod Bundle by Zig-Zag Jet Impingement, Indian Journal of Science and Technology, Vol 9(16), DOI: 10.17485/ijst/2016/v9i16/92572, April 2016.
49	K M Pandey, Pinku Debnath, Review on recent advances in Pulse detonation engines, published in Journal of combustion, Hindwai publication (Scopus indexed and indexed in Thomson Reuters) Hindawi Publishing CorporationJournal of Combustion, Volume 2016, Article ID 4193034, 16 pages, http://dx.doi.org/10.1155/2016/4193034.
50	Deepak Sharma and K.M.Pandey, 3D CFD Steady State Heat transfer in Nuclear Fuel Rod Assembly and Effect of Increasing Rod Diameter on Different Properties in Journal of Energy, Heat and Mass Transfer 37 (2015), Published from IIT Madras, Chennai, India, an International Journal.
51	A. Dey, S. Debnath, K.M.Pandey, R.N.Rai, "Application of Response Surface Method on Electro Discharge Machining of AA6061–Cenosphere AMCs Prepared by Compocasting Method", revision submitted in Measurement, journal of International Measurement Confederation MEAS-D-16-00277, 2017.
52	Ajoy Debbarma, K.M Pandey, Numerical Analysis of Flow and Heat transfer in Sub-channel of Supercritical Water Reactor, Procedia Engineering, Volume64, pp..507-517, 2013 Elsevier Publications, (DOI- 10.1016/j.proeng.2013.09.125)
53	Obula Reddy and K.M. Pandey, Experimental and numerical analysis of forced convection heat transfer in turbulent flow, Procedia Engineering 127 (2015) 711 – 718, Elsevier Publications, doi: 10.1016/j.proeng.2015.11.375
54	K. Obula Reddy, V. R Reddy Bandi and K.M. Pandey, 3D Numerical analysis for thermal-hydraulic characteristics of water flow inside a circular tube with twisted tape with helical protrusions, Procedia Engineering 127 (2015) 1134 – 1141, Elsevier Publications, doi: 10.1016/j.proeng.2015.11.478
55	A. Debbarma and K.M. Pandey, "CFD Study on Emergency Core Cooling of Hot Vertical Nuclear Fuel Rod Bundle by Jet Impingement", Materials today proceedings, Volume 4,

	Issue 2, Part A, 2017, Pages 2534–2543, https://doi.org/10.1016/j.matpr.2017.02.107
56	A. Debbarma and K.M. Pandey, CFD Analysis of Rewetting Temperature and Wetting Delay during Emergency Cooling of Vertical Nuclear Fuel Rod Bundle with Water Jet Impingement, Materials today proceedings, Volume 4, Issue 2, Part B, 2017, Pages 4144–4152, https://doi.org/10.1016/j.matpr.2017.02.117
57	Deepak Sharma, K.M. Pandey, C. Chandrashekhar A Pratap, Computational Study of Effect of Varying Properties of Carbon Dioxide on Convective Heat Transfer in Sub Channels Flow at a Pressure Just Above the Critical Value, Materials today proceedings, Volume 4, Issue 2, Part A, 2017, Pages 1293–1302, https://doi.org/10.1016/j.matpr.2017.01.150
58	Gautam Choubey, K. M Pandey, Ambarish Maji, Tuhin Deshmukhya, Ajoy Debbarma, Computational Investigation of Multi-Strut Injection of Hydrogen in a Scramjet Combustor,. Materials today proceedings, Volume 4, Issue 2, Part A, 2017, Pages 2608–2614. https://doi.org/10.1016/j.matpr.2017.02.115
59	Pannalal Choudhury, Subhankar Das, Sudipta Halder & Krishna Murari Pandey, Free edge mixed mode delamination analysis of laminated composites with wrap-around configuration-A Finite Element Study, Published in Journal of Institution of Engineers, Series D, Dec 2015, pp 1-11. DOI-10.107/s40033-015-0099-z
60	K.M. Pandey and S. Roga, "CFD Analysis of Hypersonic Combustion of H2-Fueled Scramjet Combustor with Cavity Based Fuel Injector at Flight Mach 6," Applied Mechanics and Materials, Trans Tech publications Switzerland. Volume 656, pp53-63,(2014). (Indexed in Thomson Reuters and Scopus), (DOI-10.4028/www.scientific.net/AMM.656.53)
61	PinkuDebnath, K M Pandey, "Effect of Blockage Ratio on Detonation Flame Acceleration In Pulse Detonation Combustor Using CFD" Applied Mechanics and Materials, Trans Tech publications Switzerland. Volume 656, pp.64-71.2014 (Indexed in Thomson Reuters and Scopus), (DOI-10.4028/www.scientific.net/AMM.656.64)
62	K M Pandey, AbhijitDey and P.L.Choudhury, "Buckling Behaviour of Circular Ring Stiffened Filament Wound Composite Pressure Hull through Finite Element Analysis", Applied Mechanics and Materials, Trans Tech publications Switzerland. volume 656, pp.288-297,(2014).(Indexed in Thomson Reuters and Scopus), (DOI-10.4028/www.scientific.net/AMM.656.288)
63	Upendra Kumar , Binod Kumar, Krishna Murari Pandey, "SEM and EDAX Study of Pretreated Rice Husk for the Sorption of Cu(II) from Wastewater" Applied Mechanics and Materials Volume 656,pp.17-22, (2014) Trans Tech Publications, Switzerland, 10.4028/www.scientific.net/AMM.656.17
64	K.M.Pandey and S.Roga, "CFD Analysis of Scramjet Combustor with Non-Premixed Turbulence Model Using Ramp Injector," Applied Mechanics and Materials, Transtech publications Switzerland, Volume 555, pp.18-25, (2014) (Indexed in Thomson Reuters and Scopus). (DOI- 10.4028/www.scientific.net/AMM.555.18)
65	Krishna M. Pandey, Ritabrata Thakur, AbhinavHazarika, TarunAshutosh, DipankarGogoi, Non-Newtonian Computational Fluid Dynamics (CFD) Modeling on Left Coronary Artery with Multiple Blockages, Applied Mechanics and Materials, Trans Tech publications Switzerland. Volume 592-594, pp.1924-1929, (2014) (Indexed in Thomson Reuters and Scopus), (DOI-10.4028/www.scientific.net/AMM.592-594.1924).
66	Pinku Debnath, K M Pandey, "Computational Study of Deflagration to Detonation Transition in Pulse Detonation Engine Using Shchelkin Spiral", Applied Mechanics and Materials, Trans Tech publications Switzerland. Volume 772, pp.136-140, (2015), (Indexed in Thomson Reuters and Scopus), (DOI-10.4028/www.scientific.net/AMM.772.136)
67	Deepak Sharma, Pandey Krishna Murari, "Computational Study of effect of Increasing Heat Flux on Convective Heat Transfer in Sub Channels of Carbon dioxide Flow at Pressure

	Above Critical Value", Applied Mechanics and Materials, Trans Tech publications Switzerland. Volume 772, pp8-13, 2015 (Indexed in Thomson Reuters and Scopus), (DOI-10.4028/www.scientific.net/AMM.772.8)
68	S. Roga and K.M. Pandey, "Computational Analysis of Hydrogen-Fueled Scramjet Combustor using Cavities in Tandem Flame Holder," Applied Mechanics and Materials, Trans Tech publications Switzerland. Volume 772, pp.130-135,2015 (Indexed in Thomson Reuters and Scopus), (DOI-10.4028/www.scientific.net/AMM.772.130) .
69	K.M.Pandey, Sujoy Chakraborty and A.P.Singh, Numerical analysis of Centrifugal Pumps with Fluent Software , International Journal of Applied Engineering Research (IJAER) Volume 6 (9), pp.1117-1126, (2011)ISSN 0973-4562, Research India Publications, [Indexed in Scopus].
70	A. Biswas, K. M. Pandey and R. Deb, Performance analysis of solar driven heat engines with internal irreversibility‟s under maximum power and power density condition, ARPN Journal of engineering and applied sciences, Volume 1(3), pp.1-11, October 2006 , ISSN No. 1819-6608. (Indexed in Scopus).
71	R. Jagannath, N.G.Naresh and K.M.Pandey, 2007 „Studies on Pressure loss in sudden expansion in flow through nozzles: A Fuzzy Logic Approach‟, ARPN Journal of Engineering and Applied Sciences, Volume2 (2), pp.50–61, April 2007. ISSN No. 1819-6608. (Indexed in Scopus)
72	Gautam Choubey, Lakka Suneetha, K. M Pandey, Composite materials used in Scramjet- A Review, Materials Today: Proceedings 5 (2018) 1321–1326.
73	A. Dey, B.V.Reddy, K.M.Pandey, Wire electrical discharge machining characteristics ofAA6061/cenosphere aluminium matrix composites using RSM, Materials Today: Proceedings 5 (2018) 1278–1285
74	R. Basak, P.L.Choudhury, K M Pandey, Effect of Temperature variation on Surface Treatment of Short Jute Fiber-Reinforced Epoxy Composites, Materials Today: Proceedings 5 (2018) 1271–1277
75	Saroj Yadav and K M Pandey, A Comparative Thermal Analysis of Pin Fins for Improved Heat Transfer in Forced Convection, Materials Today: Proceedings 5 (2018) 1711–1717.
76	Noor Alam and K. M. Pandey, Experimental Study of Hydroxy Gas (HHO) Production with Variation in Current, Voltage and Electrolyte Concentration, *IOP Conf. Ser.: Mater.Sci.Eng.* **225-**012197. 2017 (Indexed in Scopus)
77	Hussain Mahamed Sahed Mostafa Mazarbhuiya and Krishna Murari Pandey, Steady State Structural Analysis of High Pressure Gas Turbine Blade using Finite Element Analysis, 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225-012113 (Indexed in Scopus)
78	S. B. Kharata, A B Deoghareb, K M Pandey, Airflow and Particle Transport Through Human Airways:ASystematic Review, 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225-012132 (Indexed in Scopus)
79	Ravi Ranjan Kumar and Prof. K. M. Pandey, Static Structural and Modal Analysis of Gas Turbine Blade, 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225-012102 (Indexed in Scopus)
80	Prince Kumar, Dr. K.M. Pandey, Effect on Heat Transfer Characteristics of Nanofluids Flowing under Laminar and Turbulent Flow Regime – A Review, 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225-012168 (Indexed in Scopus)
81	Ratnesh Kumar Yadav, Rasmi Basak, Dr. K. M. Pandey, Review on Heat Transfer from Fins, 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225-012145 (Indexed in Scopus)
82	K.M.Pandey and A.P. Singh, "Transient Analysis of Supersonic Combustion with Jet Co-Flow with Finite Rate Chemistry Model" International Review of Aerospace Engineering - April 2011, Volume 4 (2), pp. 93-102. Praiseworthy prize publications, Italy (Indexed in

	Scopus).
83	Roy, B., Misra, R.D., Pandey, K.M. Characterization of shrouded intake valve in terms of mean flow coefficient and swirl ratio, Source of the Document International Journal of Applied Engineering Research, 11 (1), pp. 273-277,2016
84	K.M.Pandey and A.P. Singh, "Comparative Analysis of Jet Co-Flow and Modified Jet Co-Flow Based Injection at Mach 2 with LES Modelling", Accepted in International Review of Aerospace Engineering, Volume 4(5) pp. 278-285. October 2011, Praiseworthy prize publications, Italy (Indexed in Scopus).
85	K.M. Pandey, N.K.Saha and EzazAhemad, "3D CFD analysis of helicopter rotor at Higher Rotational Speeds", Accepted in International Review of Aerospace Engineering, Volume 4(5), pp. 278-285,October 2012, Praise worthy prize publications, Italy (Indexed in Scopus).
86	K.M.Pandey, Gourav Kumar and AnandSurana and D.Deka, " 3D CFD Analysis of Airbus A380 During Take-Off, Cruising And Landing Modes And Comparison With Low Reynolds Number High Lifts1223 Airfoil,"International Review of Aerospace Engineering Volume5(3), pp.80-88. June 2012, Praise worthy prize publications, Italy (Indexed in Scopus).
87	K.M.Pandey and P. Bose, "Star Shape Solid Propellant Grain for Multi Barrel Rocket Launcher Application," International Review of Aerospace Engineering, Volume 5 (4), pp.167-175, Praise worthy prize publications, Italy (Indexed in Scopus).
88	Pandey, K.M., Deb, R, Thermo-economics of an irreversible solar driven heat engine, WIT Transactions on Engineering Sciences, 53, pp. 423-435, 2006 (Indexed in Scopus)
89	K.M.Pandey and Amit Kumar, Studies on Base Pressure in Suddenly Expanded Circular Ducts: A Fuzzy Logic App.roach, International Journal of Engineering and Technology, Volume2(4), pp.379-386, August 2010, Published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI: 10.7763/IJET.2010.V2.151.) (http://www.ijetch.org/).
90	K.M.Pandey and Sushil Kumar, Flow through nozzles in sudden expansion in cylindrical ducts with area ratio 2.89 at Mach 2.4: A fuzzy logic approach, International journal of innovation, management and technology Volume1(3),pp. 305-311. August 2010 , published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI- 10.7763/IJIMT.2010.V1.57) (http://www.ijimt.org/)
91	K.M.Pandey and A.P.Singh, Recent advances in experimental and numerical analysis of combustor flow fields in supersonic flow regime, International Journal of Chemical Engineering and Applications, Volume 1(2), pp.132-137,September 2010, ISSN: 2010-0221, published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI: 10.7763/IJCEA.2010.V1.22) (http://www.ijcea.org/).
92	K.M.Pandey and A.P.Singh, CFD analysis of conical nozzle for Mach 3 at various angles of divergence with fluent software, , International Journal of Chemical Engineering and Applications, Volume 1(2), pp.179-185, September 2010, ISSN: 2010-0221, published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI: 10.7763/IJCEA.2010.V1.31)
93	GeetaKumari, K.M.Pandey and S.S.Khanka, Studies on health problems of software people: a case study of faculty of Gurgaon College of Engg. And GIMT Gurgaon-International Journal of Innovation, Management and Technology Volume1(4), pp.388-397, November 2010, Published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI-10.7763/IJIMT.2010.V1.70)
94	K.M.Pandey, D.H.Das and B.Acharya, Effects of variation of specific heat on temperature in gaseous combustion with fluent software, , International Journal of Environmental Science and Development, Volume 1(5), pp.419-422 December 2010, ISSN: 2010-0264, published by IACSIT, International Association for Computer Science and Information Technology,

	Singapore. (DOI: 10.7763/IJESD.2010.V1.80)
95	K.M.Pandey and M.Mahesh, Determination of temperature distribution in a cylindrical nuclear fuel rod-a mathematical app.roach, International Journal of Innovation, Management and Technology Volume1(5) , pp.464-468 , December, 2010, Published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI- 10.7763/IJIMT.2010.V1.81)
96	GeetaKumari, K.M.Pandey and S.S.Khanka, Studies on health problems of software people: a case study of SAP LAB Gurgaon- accepted for Publication in International Journal of Innovation, Management and Technology Volume1 (5), pp.493-501, December, 2010, Published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI- 10.7763/IJIMT.2010.V1.86)
97	Geeta Kumari and K.M.Pandey , Studies on Performance Management System of Sona Group of Companies , Gurgaon, India, - accepted for Publication in International Journal of Innovation, Management and Technology Volume1(5), pp.527-533, December, 2010, Published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI- 10.7763/IJIMT.2010.V1.92)
98	K.M.Pandey and T. Sivasakthivel, Recent Advances in Scramjet Fuel Injection – A Review,International Journal of Chemical Engineering and Applications, Volume1(4), pp.294-301, 2010, published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI: 10.7763/IJCEA.2010.V1.52)
99	K.M.Pandey and Virendra Kumar, CFD Analysis of Four Jet Flow at Mach 1.74 with Fluent Software, International Journal of Chemical Engineering and Applications, Volume1(4),pp.302-308,2010, ISSN: 2010-0221, published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI: 10.7763/IJCEA.2010.V1.53).
100	K.M.Pandey and T.Sivasakthivel, "CFD Analysis of a Hydrogen Fueled Mixture is Scramjet Combustor with a Strut Injector by Using Fluent Software," International Journal of Engineering and Technology Volume 3(2), pp. 109-115, April, 2011.(DOI: 10.7763/IJET.2011.V3.208.)
101	K.M. Pandey, VishwaBhushan Singh, AnupBaishya, PrashantJha and Vikaskumar, "CFD Analysis of Cantilevered Expansion and Compression Type Ramp Injector," International Journal of Engineering and Technology Volume 3(2), pp.116-121, April, 2011. (DOI: 10.7763/IJET.2011.V3.209.)
102	K. M. Pandey, P Kalita, K Barman, A. Rajkhowa and S.N.Saikia, "CFD Analysis of Wall Injection with Large Sized Cavity Based Scramjet Combustion at Mach 2." International Journal of Engineering and Technology Volume 3(2), pp. 122-129, April, 2011. (DOI: 10.7763/IJET.2011.V3.210.)
103	K.M.Pandey and Amrit Sarkar, Structural Analysis of Nuclear Fuel Element with Ansys Software, , International Journal of Engineering and Technology, Volume3,(2)pp.187-192, April 2011, Published by IACSIT, International Association for Computer Science and Information Technology, Singapore, (DOI-10.7763/IJET.2011.V3.222).
104	GeetaKumari and Dr.K.M.Pandey, "Analysis of an Individual‟s Behaviour in Work Environment for a Better Output," International Journal of Innovation, Management and Technology Volume 2(2), pp.156-161, 2011. (DOI-10.7763/IJIMT.2011.V2.123).
105	K. M. Pandey, B. K. Azad, S. P. Sahu and M. Prajapati, "Computational Analysis of Mixing in Strut Based Combustion at Air Inlet Mach number 2," International Journal of Environmental Science and Development Volume 2(1), pp.73-80, 2011. (DOI: 10.7763/IJESD.2011.V2.100).
106	K.M.Pandey and A.P. Singh, " Numerical Analysis of Combustor Flow Fields in Supersonic Flow Regime with Spalart-Allmaras and k-ε Turbulence Models" International Journal of

	Engineering and Technology Volume3(3),pp.208-214,June, 2011.(DOI: 10.7763/IJET.2011.V3.226)
107	S.Chakraborty and K.M.Pandey, Numerical Studies on Effects of Blade Number Variations on performance of centrifugal Pumps, International Journal of Engineering and Technology Volume3(4), pp. 410-416, August 2011 Published by IACSIT, InternationalAssociation for Computer Science and Information Technology, Singapore. (DOI: 10.7763/IJET.2011.V3.262).
108	N.Biswas and K.M.Pandey, Transient CFD Analysis of Multi-Lobe Bearings for A Gas Turbine at 60000RPM, International Journal of Engineering and TechnologyVolume3(5), pp.512-517, October 2011, Published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI: 10.7763/IJET.2011.V3.278).
109	GeetaKumari and K.M.Pandey, Studies on Stress Management: A Case Study of Avtar Steel Industries, Chennai, India, International Journal of Innovation, Management and Technology, Volume2 (5), pp.360-367. October 2011 (DOI-10.7763/IJIMT.2011.V2.159)
110	K.M. Pandey, AnupBaishya and VishwaBhushan Singh, "A Comparative Study of Cantilevered Ramp Injector with Standard k-ε and RNG k-ε Turbulence Models," International Journal of Chemical Engineering and ApplicationsVolume 2(5), pp.352-358, October, 2011. (DOI: 10.7763/IJCEA.2011.V2.133)
111	K.M.Pandey and T.Sivasakthivel, "CFD Analysis of a Hydrogen Fueled Mixture in Scramjet Combustor with a Strut Injector by Using Fluent Software," International Journal of Engineering and Technology. Volume 3(2), pp.109-115, 2011. (DOI-10.7763/IJET.2011.V3.208)
112	K.M. Pandey, G.Kumar, D.Das, D. Deka, A. Surana and H.J. Das, CFD analysis of an isolated main helicopter rotor for a hovering Flight,IRACST-Engineering Science and Technology: An International journal(ESTIJ), Volume 2(1) Feb, pp.131-137. 2012, Published in ASME with paper no. IMECE2012-89227, pp.543-551 (DOI- 10.1115-IMECE2012-89227).
113	GeetaKumari, Jyoti Bhatt and K.M.Pandey, Recruitment and Selection Process: A Case Study of Hindustan Coca-Cola Beverage Pvt.Ltd, Gangyal, Jammu, India, International Journal of Innovation, Management and Technology Volume1(4), pp.441-446., November 2010, Published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI 10.7763/IJIMT.2010.V1.77)
114	K.M.Pandey and S.K.Yadav, CFD Analysis of a Rocket Nozzle with Four Inlets at Mach 2.1, International Journal ofChemical Engineering and Applications, Volume1,(4), pp. 319-325, 2010, published by IACSIT, International Association for Computer Science and Information Technology, Singapore. (DOI:10.7763/IJCEA.2010.V1.55).
115	K.M.Pandey and Ravindra Kumar, "Numerical Analysis of Coal Combustion in Circulating Fluidized Bed, "International Journal of Chemical Engineering and ApplicationsVolume 2(6), pp. 390-394, 2011. (DOI- 10.7763/IJCEA.2011.V2.140).
116	K.M.Pandey and S.K.Yadav, International Journal of Environmental Research and Development (JERAD), CFD Analysis of a Rocket Nozzle with Four Inlets at Mach 2.1, Volume4 (2), Oct-Dec 2010.
117	SangeetaPathak and K.M.Pandey, experimental investigation on morphological aberrations of the peas with variation in doses of pesticides, International Journal of Environmental Research and Development (JERAD), Volume 4.(3), pp..713-725.Jan.-March 2010.
118	K.M.Pandey, K.Deb and U. Kumar, experimental studies on controlling piston slap noise of standard engine of hero Honda splendour, International Journal of Environmental

	Research and Development (JERAD), Volume 4(1) , pp..239-253. July-September 2009, K.M.Pandey, K.Deb and U. Kumar, experimental studies on effect of noise level control for 7.5 KVA Diesel generator set with an enclosure, International Journal of Environmental Research and Development (JERAD), Volume 4(2), pp.506-516. Oct-Dec 2009.
119	K.M. Pandey and A.P. Singh, "Computational analysis of Supersonic combustion with Co-axial Jet flow", International Journal of Environmental Research and Development (JERAD), Volume 6(2), pp.344-355Oct-Dec 2010.
120	K.M. Pandey, A. Surana, D.Deka, Numerical Analysis Of Helicopter Rotor at 400 Rpm, International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, Volume-2(1), pp. 253-258. March 2012,
121	K.M. Pandey and A.P. Singh, Numerical Simulation Of Combustion Chamber Without Cavity At Mach 3.12, International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-2(1), pp. 134-141, March 2012.
122	K.M. Pandey, S.K. Reddy K.K., Numerical Simulation of Wall Injection with Cavity in Supersonic Flows of Scramjet Combustion, International Journal of Soft Computing and Engineering (IJSCE) , Volume-2(1), pp. 142-150, March 2012 ISSN: 2231-2307,
123	K.M.Pandey, Jagannath Rajshekharan and SukantaRoga, Wall Static Pressure Variation In Sudden Expansion In Flow Through De Laval Nozzles At Mach 1.74 And 2.23 In Circular Ducts Without Cavities: A Fuzzy Logic App.roach, International Journal of Soft Computing and 21 Engineering (IJSCE), Volume-2(1), pp.303-310, March 2012, ISSN: 2231-2307.
124	P.Bose and K.M.Pandey, Structural failure analysis of rocket motors, accepted for publication in coming issue of International Journal of Environmental Research and Development (JERAD).
125	GeetaKumari, VitteshBahuguna and K.M.Pandey, Studies on job satisfaction in engineers India limited, Published in Global Journal of Business and Management, April 2012(www.globaljournals.org) published from USA.
126	K.M. Pandey, SujoyChakraborty and A.P.Singh, Numerical Studies on Effects of Blade Number Variations on Performance of Centrifugal Pumps at 2500 RPM, accepted for publication in coming issue of International Journal of Environmental Research and Development (JERAD).
127	SukantaRoga, K.M.Pandey and A.P.Singh, Computational analysis of supersonic combustion using wedge shaped strut with turbulent non-premixed combustion model, International Journal of Soft Computing and Engineering (IJSCE), Volume-2(2), pp.344-353, May 2012.ISSN: 2231-2307
128	J.P. Kalita, K.M. Pandey and A.P. Singh, Computational analysis of combustion chamber using cavity based fuel injector with non – premixed combustion model, Global journal of Reseaches in Engineering, Mechanical and Mechanics Engineering, volume 12 (3), pp.40-51. June 2012
129	K.Deb, K.M. Pandey and A.P. Singh, Computational analysis of combustion chamber using cavity based fuel injector with non – premixed combustion model, Global journal of Reseaches in Engineering, Mechanical and Mechanics Engineering, volume 12 (3), pp.40-51.June 2012.
130	K.M. Pandey and Bidesh Roy , CFD Analysis of Intake Valve for Port Petrol Injection SI Engine Global journal of Researches in Engineering, Mechanical and Mechanics Engineering, volume 12(5) July 2012.
131	K.M.Pandey and A.P.Singh, Design and development of De Laval nozzle for Mach 3 and 4 using method of characteristics with Fluent software, International Journal of Mechanical Engineering, www.isst.org.in, Intellectuals society for socio-techno welfare, B-401,

	Sawarnjayantipuram, Govindpuram, Ghaziabad-201003, UP India, pp.61-72. June 2010
132	K.M.Pandey and A.P.Singh, Numerical Analysis of Combustor Flow Fields in Supersonic Flow Regime With Finite Rate Chemistry Model, International Journal of Mechanical Engineering, www.isst.org.in, Intellectuals society for socio-techno welfare, B-401, Sawarnjayantipuram, Govindpuram, Ghaziabad-201003, UP India. December 2010
133	K.M.Pandey and A.P. Singh, "Numerical Analysis of Supersonic Combustion by Strut Flat Duct Length with S-A Turbulence Model," International Journal of Engineering and Technology Volume 3(2), pp. 193-198, April, 2011.
134	S.N. Pandey and K.M. Pandey, CFD Analysis of Turbulence Combustion, International Journal of Fluids Engineering, Volume 3(2), pp.173-186,2011, International Research Publication House, http://www.irphouse.com,ISSN 0974-3138
135	S.Chakraborty, B.J.Saikia, D.Rana and K.M.Pandey, CFD Analysis of Flow through Turbine Cascade and Determination of Optimum Angle of Attack"-accepted for publication In International Journal Of Applied Engineering Research (IJAER).
136	K.M.Pandey, N.Biswas and A.P.Singh, Transient analysis of 3-lobe bearings at 20,000 RPM for a gas turbine, International Journal Of Applied Engineering Research (IJAER),Volume 6 (10), pp.1247-1261, 2011, Research India Publications, ISSN 0973-4562
137	K.M.Pandey, SujoyChakraborty and A.P.Singh, Numerical analysis of Centrifugal Pumps with Fluent Software , International Journal Of Applied Engineering Research (IJAER), Volume 6 (9), pp.1117-1126, 2011, Research India Publications. ISSN 0973-4562
138	K.M.Pandey and T. Sivasakthivel, CFD Analysis of Mixing and Combustion of a Hydrogen Fuelled Scramjet Combustor with a Strut Injector by Using Fluent Software, International Journal of Chemical Engineering and Applications, Vol.3, No.5, October 2011, PP.446-453, 25 published by IACSIT, International Association for Computer Science and Information Technology, Singapore.
139	K.M. Pandey and A.P. Singh, "Numerical Analysis of Hypersonic Combustion with Cavity Based Injection with Finite Rate Chemistry Model", Accepted in Journal of Science and Technology, Published by Assam University, Silchar Assam, India.
140	S. Chakraborty, K.M.Pandey and Bidesh Roy, Numerical analysis on blade number variations on performance of centrifugal pumps at various rotational speeds, International Journal of Engineering, Science and Metallurgy, IJESM, Volume 2 No.1, to be Published in March 2012 (www.ijesm.com)
141	K.M.Pandey, S.Chakraborty, K.Deb, CFD Analysis of Flow through Compressor Cascade, International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-2, Issue-1, March 2012, PP. 362-371. (Impact factor 0.52)
142	K.M.Pandey, Sushil Kumar, JyotiPrakashKalita, Wall Static Pressure variation in sudden expansion in cylindrical ducts with cavities for supersonic flow for Mach 1.58 and 2.06: A Fuzzy Logic Approach, International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-2, Issue-1, March 2012, PP. 372-378. (impact factor 0.52)
143	P. Bose and K.M. Pandey, Recent Advances in Solid Fuels for Rockets of Multi Barrel Rocket Launchers, IRACST – Engineering Science and Technology: An International Journal (ESTIJ), ISSN: 2250-3498, Vol.2, No.1, 2012, PP. 83-89.
144	Ravindra Kumar and K.M.Pandey, CFD Analysis of Circulating Fluidized Bed Combustion, IRACST – Engineering Science and Technology: An International Journal (ESTIJ), ISSN: 2250-3498, Vol.2, No.1, 2012, PP. 163-174.
145	K. M. Pandey, Upendra Kumar and Subodh Deb Verma, CFD Analysis of Flow Field inside the Expansion Chamber of Internal Combustion Engines, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-1, Issue-3,

	February 2012, PP. 25-29.
146	P Bose, K M Pandey, Analysis of Thrust Coefficient in a Rocket Motor, International Journal of Engineering and Advanced Technology (IJEAT),Volume-1(3), pp. 30-33 February 2012 ISSN: 2249 – 8958.
147	SukantaRoga, K.M.Pandey and A.P.Singh, CFD analysis of supersonic combustion using diamond shaped strut injector with standard k-epsilon non-premixed combustion model, International Journal of Advanced Trends in Computer Science and engineering (IJATCSE). www.warse.org (The World Academy of Research in Science and Engineering), 2011.
148	GeetaKumari, VitteshBahuguna and K.M.Pandey, Studies on job satisfaction: a case study of engineers India limited, Journal of Applied Management and Investment, Volume 1(2), May 2012
149	A.K.Pandey, G.P.Pandey and K.M.Pandey, Mass Communication and Rural Development : A study of Palamau Commissionery of Jharkhand state, Shiv Shakti International Journal in Multidisciplinary and Academic Research Volume 1(2), pp.1-12, July-August, 2012, ISSN 2278-5973
150	A.K.Pandey, G.P.Pandey and K.M.Pandey, Traditional Media of Communication as tool for effective Rural Development and Health awareness: A case study of Garhwa district and village dalko of Jharkhand state, PP.1-15, Shiv Shakti International Journal in Multidisciplinary and Academic Research Volume 1(3), pp.1-15 September-October, 2012, ISSN 2278-5973
151	Krishna M. Pandey, SukantaRoga, CFD Analysis of Supersonic Combustion Using Diamond-Shaped Strut Injector With K-w Non-Premixed Combustion Model, Transaction on Control and Mechanical Systems (TCMS), Volume 1(3), pp.114-124, July, 2012
152	K.M.Pandey, Virendra Kumar and PrateekSrivastava, CFD Analysis of Twin Jet Supersonic Flow with Fluent Software, Current Trends in Technology and Science, an International Journal, Volume1(2), pp.84-91, September 2012
153	S.DebBarma, K.M.Pandey and U Kumar, Review on noise pollution from internal combustion engines, Proceedings of International conference on energy and environment, March 19-21, Taj Chandigarh, Chandigarh, India.PP.111-114 Published online on World Academy of Science, Engineering and Technology, Volume 39, March 2009, ISSN 2070-3740,www.openj-gate.org, Proceedings of World Academy of Sciences, Engineering and Technology, peer reviewed open access International Journal, No.51, March 2009, paper no.183
154	Sangeeta Pathak and K.M.Pandey, Studies on doses of pesticides on mutations in seed character of the plants for a better environment, Proceedings of International conference on energy and environment, March 19-21, Taj Chandigarh, Chandigarh, India PP 778-780. Published online on World Academy of Science, Engineering and Technology, Volume 39, March 2009, ISSN 2070-3740. www.openj-gate.org, Proceedings of World Academy of Sciences, Engineering and Technology, peer reviewed open access International Journal, No.51, March 2009, paper no.2131. 27
155	P. Bose, K.M.Pandey, Analysis Of Anisotropy And Viscoelastic Properties Of Composite Solid Propellant And Its Suitability For Use In Solid Rocket Under Field Deployment, International Review of Aerospace Engineering ,Volume 5(5). October 2012 Praiseworthy prize publications, Italy.
156	P Bose and KM Pandey, Neutral burning grain geometry of composite propellant for solid rockets of multi barrel rocket launcher, International Review of Aerospace Engineering, Volume 5(5), pp.229-239, December 2012. Praiseworthy prize publications, Italy.
157	K.M.Pandey and P. Bose and K.O. Reddy, Numerical Analysis Comparison of Solid Fuel Scramjets with Viscous Model and Turbulence Chemistry Model at Mach 2, International Review of Aerospace Engineering,Volume 5(6). December 2012, Praiseworthyprize

	publications, Italy.
158	K.M. Pandey, Deepak Sharma, K. Obula Reddy, OveepsaChakraborty, CFD analysis of cavity based combustion of hydrogen at Mach number 1.4, Current Trends in Technology and Sciences, Volume 1(3), (Nov. 2012). ISSN: 2279-0535.
159	Ajay Kumar Pandey, G.P.Pandey, K. M. Pandey, Mass media exposure of the respondents: A case study of Latehar district of Jharkhand state in India, Shiv Shakti International Journal in Multidisciplinary and Academic Research (SSIJMAR) Volume1,(4) (ISSN 2278 – 5973).
160	K. M. Pandey and R. Kannojiya , A review on extraction of pine apple fibers for making commercial products, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my) –published in JERAD.
161	Deepak Sharma and K. M. Pandey, Energy quality and productivity audit of KVIC based industries in Barak valley region of Assam state in India, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my) –published in JERAD.
162	K.M. Pandey and K.O.Reddy, Recent advances in India in solving the problems of food security, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my) –published in JERAD.
163	AjoyDebbarma and K. M. Pandey, Environmental impact assessment and management : Protecting ecology in North-East, India, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my) –published in JERAD.
164	R.Debnath, P.L.Choudhury and K.M.Pandey, Influence of fiber orientation and laminate stacking sequence on out-of plane and in-plane bending natural frequencies of laminatedcomposite ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my) –published in JERAD.
165	P. Bose and K. M Pandey, Mathematical modelling of propellant grain geometry suitable for solid rockets used in multi barrel rocket launcher application, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my) –published in JERAD.
166	T. Ashutosh, R. Thakur, A. Hazarika and K.M Pandey, CFD analysis of the flow over a National Advisory Committee for Aeronautics (NACA) 0009 airfoil, in International Review of Aerospace Engineering, Feb.2013, Praise worthy prize publications, Italy.
167	A. Hazarika , R. Thakur , T. Ashutosh and K.M Pandey "CFD Analysis of Flow over Airfoil with Variation in Inlet Velocity, International Review of Aerospace Engineering, Volume 5(6), Feb 2013, Praise worthy prize publications, Italy.
168	K. M Pandey and Binita Nath, CFD Analysis of Supersonic Combustion using wedge shaped strut having circular inlet with standard K-Є Non premixed turbulence model, International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) Special issue, Volume2(1), pp.205-214, 2013. World Academy of Research in Science and

	Engineering (WARSE)
169	K. M. Pandey and S. Roga , Computational Analysis of Supersonic Combustion Using Ramp Injector with Standard K-ω Turbulence Model, International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) Special issue, Volume2(1), pp.30-40,2013World Academy of Research in Science and Engineering (WARSE).
170	K Obula Reddy, K M Pandey, Burn back Analysis of 3-D Star Grain Solid Propellant, International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) Special issue, Vol.2, No.1, World Academy of Research in Science and Engineering (WARSE), 7-8 January 2013, PP.215-223.
171	A.P. Singh, K.M. Pandey, ArunBurman, Mohit Sharma and NavneetTyagi, Numerical Analysis of Hpersonic Combustion without Cavity Based Injection with Finite rate Chemistry Model, International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) Special issue, Volume2(1), pp.60-66,2013, World Academy of Research in Science and Engineering (WARSE)
172	K.M. Pandey and Sunita Deb, Computational Fluid Dynamics Analysis Of Combustion In Two Dimensional Star Shaped Perforated And Circular Perforated Ammonium Perchlorate Composite Propellant With HTPB Binder, International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) Special issue, Volume2(1), pp.235-244,7-8 January 2013, World Academy of Research in Science and Engineering (WARSE)
173	Subhankar Das, P.L. Choudhury and K.M. Pandey, On reduction of Stress Concentration at Delaminated Composite Laminate, International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) Special issue, Volume2(1), pp.224-234, 7-8 January 2013, World Academy of Research in Science and Engineering (WARSE).
174	Abhijit Dey, Gaurav Chaudhary, P.L. Choudhury and K.M.Pandey, "Study of Post-Buckling Behavior of Carbon-Epoxy Composite Pressure Vessel Subjected to Hydrostatic Pressure", International Journal of Trends in Economics Management & Technology, Volume 3 Feb 2014.
175	Abhijit Dey, P.L. Choudhury and K.M.Pandey, A Computational Study of Buckling Analysis of Filament Wound Composite Pressure Vessel Subjected to Hydrostatic Pressure", Global Journal Research and Engineering, Volume 14(1) January 2014.
176	GeetaKumari, Gaurav Joshi and K M Pandey, Analysis of Factors Affecting Job Satisfaction of the Employees in Public and Private Sector, International Journal of Trends in Economics Management & Technology, Volume 3 Feb 2014
177	K.M Pandey and Gautam Choubey, "Numerical analysis of Hypersonic Combustion of a Scramjet Combustor with a Central lobed Strut Injector at flight Mach Number 7",International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-3(9), pp.52-58 (2014) ISSN: 2278-3075
178	Gautam Choubey and K.M Pandey "Numerical analysis of Hypersonic Combustion of a Scramjet Combustor with a Central lobed Strut Injector by varying the angle of attack", International Journal of Advanced Mechanical Engineering, Research India Publications, New Delhi, Volume 4(3), pp. 269-276(2014), ISSN: 2250-3234
179	R.Karthik, U Kumar and K.M.Pandey, CFD Analysis in the Field of River Engineering, A Review, International Review of Applied Engineering Research, Research India Publications, New Delhi, Volume 4(4) pp. 337-342(2014), ISSN: 2248-9967.
180	Prateek Srivastawa and K M Pandey, Computational Analysis of Hypersonic Combustion Using Flame Stabilizing Fuel Injection with Species Transport Model", International Journal of Advanced Mechanical Engineering, Research India Publications, New Delhi, Volume 4(3) pp. 405-412(2014). ISSN: 2250-3234
181	Pinku Debnath& K. M. Pandey, "Detonation Enhancement in Pulse Detonation Engine with

	Obstacle Spacing Using CFD," Communicated to Combustion Science and Technology, SCI Journal.
182	Abhijit Dey, S.C Saha& K.M. Pandey, Study of Mechanical Properties change during friction stir spot welding of aluminium alloys, Current Trends in Technology and Sciences, Volume 3(1), pp. 26-33, (2014), ISSN: 2279-0535.
183	Geeta Kumari, Dr.Gaurav Joshi &Dr. K. M. Pandey, Job Satisfactionand Job Stress In Software Companies: A Review, Advances in Economics and Business Management (AEBM) Volume 2 (7), PP756-760, Published by KrishiSanskriti Publications, New Delhi, 2015.
184	Geeta Kumari, Dr.Gaurav Joshi &Dr. K. M. Pandey, Factors Influencing Of Job Satisfaction Among Employess In Software Industries: A Case Study of Wipro Ltd., Greater Noida, India, Advances in Economics and Business Management (AEBM) Volume 2(7), pp751-755, Published by KrishiSanskriti Publications, New Delhi, 2015
185	Kumari, G.,Joshi, G., Pandey K. M., "A Comparative Analysis of Job satisfaction of male and female software professionals in HCL Pvt. Ltd, Noida, India", GJIMT's 9th International Conference on Sustainable Business Growth, Saturday, 6th June, 2015 at GJIMT, Phase-2, Mohali, Chandigarh, India.
186	Kumari, G. Joshi, G., Pandey K. M.," Job satisfaction among Software Professionals in IBM India Pvt. Ltd., Gurgaon, India: A Comparison between officers and staff", Advances in Economics and Business Management (AEBM), Vol.2, no.12, pp.1128-1132.p-ISSN:2394-1545, e-ISSN:2394-1553.
187	Kumari, G.,Joshi, G., Pandey K. M.," Factors Affecting Job Satisfaction of Software Professionals at IBMIndia Pvt.,Ltd., Gurgaon, India", Advances in Economics and Business Management (AEBM),Vol.2, no.12, pp.1202-1204, p-ISSN:2394-1545, e-ISSN:2394-1553.
188	K.M.Pandey, Numerical Investigations into the Design and Development of Scramjet Combustors–A Review,Journal of Material Science and Mechanical Engineering (JMSME), p-ISSN: 2393-9095; e-ISSN: 2393-9109; Volume 3, Issue 2; January-March, 2016 pp. 90-94, © Krishi Sanskriti Publications, http://www.krishisanskriti.org/Publication.html.
189	Pritam Majumder, K.M. Pandey and N.V. Deshpande, "Design and Analysis of a Propeller Blade for Underwater Vehicle", Journal of Material Science and Mechanical Engineering ,Volume 3, Issue 2; 2016, pp.105-110.
190	K. M. Pandey and Jitendra Kumar, "CFD Analysis of Pulse Detonation Engine- A Review", Journal of Material Science and Mechanical Engineering, Volume 3, Issue 2; 2016, pp.111-116.
191	Krishna Murari Pandey and Mriganav Debnath, "An Analysis of Various Machining Process on Composite Materials-A Review", Journal of Material Science and Mechanical Engineering, Volume 3, Issue 2; 2016, pp. 117-120.
192	Mujibur Rahman and Krishna Murari Pandey, "Current Research Trends in Aluminium Metal Matrix Composites–A Review", Journal of Material Science and Mechanical Engineering, Volume 3, Issue 2; 2016, pp. 121-125.
193	K. M. Pandey and Rajesh Chaurasiya, "Thermal Stratification in Hot Fluid Storage - A Review", Journal of Material Science and Mechanical Engineering, Volume 3, Issue 2; 2016, pp. 126-130.
194	Akhileshwar Singh and K.M. Pandey, "Experimental and Numerical Analysis of Combustion in Scramjet Engine: A Review", Journal of Material Science and Mechanical Engineering, Volume 3, Issue 2; 2016, pp. 131-135.
195	Jnanaranjan Acharya, K.M Pandey and Shushovan Chatterjee, "A Review on Aerodynamics of Flight in Adverse Condition", Journal of Aeronautical and Automotive Engineering (JAAE), Volume 3, Issue 1; 2016, pp. 38-42.

196	Utsav Vatsayan K.M Pandey and A.Biswas, "Effects of Heat Treatment on Materials Used In Automobiles: A Case Study", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),Volume 11, Issue 5 Ver. I (Volume 11, Issue 5 Ver. I (Sep-Oct. 2014), pp. 90-95.
197	K.M.Pandey and Abhijit Dey, "Wear Behaviour of Mg Alloy and its Composites A review", To be published in (Materials Science Forum, ISSN print 0255-5476 ISSN cd 1662-9760 ISSN web 1662-9752).

National Journals:

1.	Gupta, R., Sinha, A., Pandey, K.M. and Dey, S.K. "Impact of health factors of female tea pluckers on the productivity of tea industries of Barak valley, Assam", Accepted in Industrial Safety Chronicle- a journal of National safety council, Mumbai, India , Vol. XLIV (1), pp. 105-108, April-June, 2013.
2.	S. Roga and K.M. Pandey, "Computational Analysis of Scramjet Combustor Chamber Using Cavity Based Fuel Injector at Mach 4 Air Inlet," Journal of Emerging Technology in Mechanical Science and Engineering, vol. 5, pp.103-108, ISSN No.: 0976-2558, March 2014.
3.	S. Roga, K.K. Sharma and K.M. Pandey, "Computational Analysis of Supersonic Combustor Chamber Using Non-Premixed Combustion Model," Journal Of Emerging Technology In Mechanical Science and Engineering, vol. 5, pp.120-125, ISSN No.: 0976-2558, March 2014.
4.	P Debnath & K M Pandey, "Deflagration to Detonation Transition Enhancement in Pulse Detonation Engine Using CFD", Journal of Emerging Technology In Mechanical Science and Engineering, Volume-5, Special Issue, pp. 1-5, March 2014, ISSN NO: 0976-2558
5.	Akash Raj, K M Pandey, "Burnback analysis of Axi-symmetric grain with truncated cone bore and aft end has cylinder cut-off and section of end burning grain in solid propellant rocket motor", Journal of Emerging Technology In Mechanical Science and Engineering, Volume-5, Special Issue, pp. 66-70, March 2014, ISSN NO: 0976-2558
6.	K M Pandey, Abhijit Dey, Gaurav Chaudhary, P.L. Choudhury, "Post Buckling of Circular Ring Stiffened Filament Wound Composite Pressure Vessels by Finite Element Page 29 of 52 Analysis", journal of Emerging Technology In Mechanical Science and Engineering, Volume-5, Special Issue, pp. 82-86, March 2014, ISSN NO: 0976-2558
7.	P.L Choudhury, Gaurav Chaudhary, Abhijit Dey, K M Pandey, "Interlaminar Stress Analysis of Composite Laminates with External Ply drop using Finite Element Method", Journal of Emerging Technology In Mechanical Science and Engineering, Volume-5, Special Issue, pp. 77-81, March 2014, ISSN NO: 0976-2558
8.	Chandradeep Barman, K M Pandey, "CFD Analysis of Heat Transfer in sub channels of Nuclear Reactor using supersonic Freon R-12 as Coolant", Journal of Emerging Technology In Mechanical Science and Engineering, Volume-5, Special Issue, pp. 71-76, March 2014, ISSN NO: 0976-2558

International Conference:

[1].	Hussain Mahamed Sahed Mostafa Mazarbhuiya and Krishna Murari Pandey, Steady State Structural Analysis of High Pressure Gas Turbine Blade using Finite Element Analysis, 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225 012113.
[2].	Noor Alam and K. M. Pandey, Experimental Study of Hydroxy Gas (HHO) Production with Variation in Current, Voltage and Electrolyte Concentration, 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225 012197.
[3].	Reshmi Basak et al, Impacts of Temperature Disparity on Surface Modification of Short Jute Fiber-Reinforced Epoxy Composites 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225 012114
[4].	Prince Kumar and K.M. Pandey, Effect on Heat Transfer Characteristics of Nanofluids Flowing under Laminar and Turbulent Flow Regime – A Review 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225 012168
[5].	Ravi Ranjan Kumar and K. M. Pandey, Static Structural and Modal Analysis of Gas Turbine Blade2017 IOP Conf. Ser.: Mater. Sci. Eng. 225 012102.
[6].	Ratnesh Kumar Yadav et al, Review on Heat Transfer from Fins 2017 IOP Conf. Ser.: Mater. Sci. Eng. 225 012145.

[7].	Saroj Yadav & Krishna M Pandey, A Parametric Thermal Analysis Of Triangular Fins For Improved Heat Transfer In Forced Convection, 10th International Conference On Sustainable Energy And Environmental Protection (June 27th – 30th, 2017, Bled, Slovenia), Mechanical Engineering.Pp.53-67.
[8].	Obula Reddy Kummitha, Krishna Murari Pandey & Rajat Gupta , 19 Numerical Analysis Of Scramjet Combustor With Innovative Designs Of Strut Injector, 10th International Conference On Sustainable Energy And Environmental Protection (June 27th – 30th, 2017, Bled, Slovenia), Modelling And Simulation. Pp. 151-164
[9].	Gautam Choubey & Krishna Murari Pandey, Effect Of Strut + Wall Injection Techniques On The Flow-Field Of Circular-Shaped Multi-Strut Scramjet Combustor, 10th International Conference On Sustainable Energy And Environmental Protection (June 27th – 30th, 2017, Bled, Slovenia), Modelling And Simulation. Pp.121-130.
[10].	Suman Debnath, Abhilekh Sonowal, Biplab Das, Pitambar Randive & K.M. Pandey, Performance Analysis of Solar Air Collector in North East Region of India, 10th International Conference On Sustainable Energy And Environmental Protection (June 27th – 30th, 2017, Bled, Slovenia), Renewable Energy Sources. Pp. 471-480.
[11].	Abhijit Dey, Krishna Murari Pandey & Biplab Das, Optimisation of Wire Electro Discharge Machining Parameter Using Desirability Based Multi Objective RSM While Machining of Al6061–Cenosphere AMCs, 10TH International Conference On Sustainable Energy And Environmental Protection (June 27th – 30th, 2017, Bled, Slovenia), Mechanical Engineering. Pp. 41-51.
[12].	A. Dey, B.V. Reddy, K.M. Pandey, Wire electrical discharge machining characteristics ofAA6061/cenosphere aluminium matrix composites using RSM, accepted for presentation in the International Conference on Processing of Materials, Minerals and Energy:PMME-2016, 29th – 30th July, 2016, PACE Institute of Technology and Sciences, Ongole, Prakasam, Andhra Pradesh, India.
[13].	R. Basak, P.L. Choudhury, K M Pandey, Effect of Temperature variation on Surface Treatment of Short Jute Fiber-Reinforced Epoxy Composites, accepted for presentation in the International Conference on Processing of Materials, Minerals and Energy:PMME-2016,29th – 30th July, 2016, PACE Institute of Technology and Sciences, Ongole, Prakasam, Andhra Pradesh, India.
[14].	Saroj Yadav and K M Pandey, A Comparative Thermal Analysis of Pin Fins for Improved Heat Transfer in Forced Convection, accepted for presentation in the International Conference on Processing of Materials, Minerals and Energy :PMME-2016, 29th – 30th July, 2016, PACE Institute of Technology and Sciences, Ongole, Prakasam, Andhra Pradesh, India.
[15].	I.B. Laskar, S. Chatterjee, K.M Pandey, Facile Synthesis And Characterization of Silver Support Zinc Oxide Nano Particles , ICCE-24 is held in July 17-23, 2016 near Haikou, Hainan Island, China.
[16].	Abhijit Dey and, Krishna Murari Pandey, Machinability Study of Compocasted Cenosphere/Aa6061 Aluminium Matrix Composites Using Grey Based Response Surface Methodology, ICCE-24 is held in July 17-23, 2016 near Haikou, Hainan Island, China.
[17].	Mriganav Debnath, Krishna Murari Pandey, Upendra Kumar, Optimization of Various Process Parameters during EDM of Aluminium based Metal Matrix Composites, ICCE-24 is held in July 17-23, 2016 near Haikou, Hainan Island, China.
[18].	Reshmi Basak, P.L. Choudhury, and K M Pandey, Effect of Temperature Variation on Surface Treatment of Short Jute Reinforced Epoxy Composites, ICCE-24 is held in July 17-23, 2016 near Haikou, Hainan Island, China.
[19].	Krishna Murari Pandey, Abhijit Dey, A Review on Tribological Characteristics of Magnesium Cast Alloys and Its Composites, ICCE-24 is held in July 17-23, 2016 near Haikou, Hainan Island, China.
[20].	Ajoy Debbarma and K.M. Pandey, Numerical Analysis of Flow and Heat Transfer in the Sub-Channel of Supercritical Water Reactor, Paper presented in ASME 2013 International Mechanical Engineering Congress & Exposition IMECE 2013, November 15-21, 2013, SAN DIEGO, CA, USA.
[21].	K.M. Pandey and Binita Nath, Numerical Simulation of a Hydrogen Fueled Scramjet Combustor at Mach 1.5 Using Strut Injectors at Mach 2.47 Air Speed, Paper presented in November 15-21, 2013, San Diego, CA, USA, ASME 2013 International Mechanical Engineering Congress and Exposition,IMECE2013-66036.

[22].	K. M. Pandey and Pinku Debnath, "Performance Investigation on Single Phase Pulse Detonation Engine Using Computational Fluid Dynamics" Proceedings of the ASME 2013 International Mechanical Engineering Congress & Exposition, IMECE2013, November 15-21, 2013, SAN DIEGO, CA, USA, IMECE2013-66274.
[23].	K.M. Pandey and S.S. Vel, CFD Analysis of Scramjet Combustor Using Strut with Circular and Planer Injector presented and published in IMECE2010, 2011 ASME International Mechanical Engineering Congress and Exposition, November 11-17, 2011, Denver, Colorado, USA (IMECE 2011-62310)
[24].	P Debnath & K M Pandey, "Deflagration to Detonation Transition Enhancement in Pulse Detonation Engine Using CFD", International Conference on Modeling, Optimization and Computing (ICMOC2014) 10th-11th April, 2014, Noorul Islam University, Kanyakumari, Tamilnadu, India.
[25].	K M Pandey & P Debnath, "Performance Studies on Pulse Detonation Engines: A Review" International Conference on Advance Trends in Engg. & Technology (ICATET 2014), 18th-19th April, 2014, Arya College of Engineering & I.T.
[26].	K.M. Pandey, A. Surana, D. Deka and Gaurav Kumar, CFD analysis of an isolated Main Helicopter Rotor for a hovering flight at varying RPM IMECE 2012, ASME International Mechanical Engineering Congress and Exposition, November 9-15, 2012, Houston, Texas, USA (IMECE 2012-89227), Included in digital library of ASME.
[27].	K.M. Pandey and S.S. Vel, CFD Analysis of Scramjet Combustor Using Strut with Circular and Planer Injector accepted in IMECE 2012, ASME International Page 31 of 52 Mechanical Engineering Congress and Exposition, November 9-15, 2012, Houston, Texas, USA (IMECE 2012-85738).
[28].	P. Bose and K.M. Pandey, Structural failure analysis of rocket motors, 4th International Congress on Environmental Research, SVNIT Surat, India, December 15-17, 2011.
[29].	K.M. Pandey and S.N. Pandey, Comparative study of CO2 capture and storage technology: A Review, 4th International Congress on Environmental Research, SVNIT Surat, India, December 15-17, 2011.
[30].	K.M. Pandey, P.L. Choudhury and N. Pradeep Kumar, Transient analysis of a thin film lubricated journal bearing at 1500 rpm, 4th International Congress on Environmental Research, SVNIT Surat, India, and December 15-17, 2011.
[31].	K. M. Pandey and Surya Kumar, : Computational Simulation and Effect of Swirl Angle on Soot Formation of 2D Swirl Burner in Gas Turbine, 4thInternational Congress on Environmental Research, SVNIT Surat, India, December 15-17, 2011.
[32].	S. K. Reddy, K. M. Pandey and A. P. Singh "Numerical Simulation with k-ε Turbulence Model for Combustion Chamber of Rocket Engines" The 11th Asian International Conference on Fluid Machinery and the 3rd Fluid Power Technology Exhibition. Paper ID: AICFM_ES_001, November 21-23, 2011, IIT Madras, Chennai, India.
[33].	A.P. Singh, Oveepsa Chakraborty and K. M. Pandey, CFD Analysis of Cavity Based Combustion of Hydrogen at Mach number 1.2" The 11th Asian International Conference on Fluid Machinery and the 3rd Fluid Power Technology Exhibition. Paper ID: AICFM_ES_002, November 21-23, 2011, IIT Madras, Chennai, India.
[34].	K.M. Pandey and Amrit Sarkar, Thermal analysis of nuclear fuel elements with Ansys software, International Conference on Nuclear Engineering (ICONE-17) organized by ASME, Brussels, Belgium, July 12-16, 2009.The paper was presented but it is not published in the proceedings.
[35].	K.M. Pandey, Surendra Yadav and A P Singh, Study on rocket nozzles with combustion chamber, using fluent software at Mach 2.1, the 10th Asian symposium on visualization, March1-5,2010, SRM University, Chennai, India
[36].	K.M. Pandey, Virendra Kumar and A P Singh, Study on free single jet flow: a numerical analysis with fluent software, the 10th Asian symposium on visualization, March1-5, 2010, SRM University, Chennai, India
[37].	K.M.Pandey Prateek Srivastava, K.C.Sharma and A.P.Singh, Study on supersonic flows in the De Laval nozzle at Mach number 1.5 and its flow development in a suddenly expanded duct, the 10th

	Asian symposium on visualization, March1-5, 2010, SRM University, Chennai, India
[38].	K.M Pandey, L.Roy, A.P. Singh, S.S.Saha, I. Haque, CFD Analysis For Pressure And Temperature of Multilobe Bearings At 20000 Rpm For A Gas Turbine Engine, the 10th Asian symposium on visualization, March 1-5, 2010, SRM University, Chennai, India.
[39].	K.M. Pandey, P.L. Choudhury, A.P. Singh Amrit Kumar Singh and Kamlendra Singh, CFD Analysis of Journal Bearing of Hydraulic Turbine For 210 MW Power Output, the 10th Asian symposium on visualization, March 1-5, 2010, SRM University, Chennai, India.
[40].	K.M. Pandey Prateek Srivastava, K.C. Sharma and A.P. Singh, Study on supersonic flows in the De Laval nozzle at Mach number 1.5 and its base pressure in a suddenly expanded duct, the 10th Asian symposium on visualization, March 1-5, 2010, SRM University, Chennai, India.
[41].	K.M. Pandey, P.L. Choudhury and A.K. Singh, CFD analysis of horizontal axis wind turbine, 3rd International Congress of Environmental Research, September 16-18, 2010, University of Mauritius, Reduit, Mauritius.
[42].	K.M. Pandey, A review on wind energy generation, 3rd International Congress of Environmental Research, September 16-18, 2010, University of Mauritius, Reduit, Mauritius. 33
[43].	K.M. Pandey, D.H. Das and Amitava Roy, Numerical Studies on Variation of Pressure and Velocity inside the Combustion Chamber of a Turbojet Engine with Fluent Software, 3rd International Congress of Environmental Research, September16-18, 2010, University of Mauritius, Reduit, Mauritius.
[44].	K.M.Pandey and A.K.Johri, A review on recent research in CFD area in context with hydraulic turbines, 3rd International Congress of Environmental Research, September16-18, 2010, University of Mauritius, Reduit, Mauritius.
[45].	K.M.Pandey and Bidesh Roy, Intake valve design for high level swirl induction in carbureted park ignition engine, 3rd International Congress of Environmental Research, September16-18, 2010, University of Mauritius, Reduit, Mauritius.
[46].	Sangeeta Pathak and K.M.Pandey, Experimental studies on genotoxic effects of pesticides on M1 generation of peas, 3rd International Congress of Environmental Research, September16-18, 2010, University of Mauritius, Reduit, Mauritius.
[47].	K.M.Pandey and S.N.Pandey, CFD analysis of combustion phenomena at high speed fuel inlet of Mach 0.9 for methane without bluff body, 3rd International Congress of Environmental Research, September16-18, 2010, University of Mauritius, Reduit, Mauritius.
[48].	K.M.Pandey and S.K.Yadav : CFD Analysis for pressure and temperature for a rocket nozzle with two inlets at mach 2.1 and the comparison with single inlet, 3rd International Congress of Environmental Research, September16-18, 2010, University of Mauritius, Reduit, Mauritius.
[49].	K.M.Pandey, A.P.Singh and R.Sudarshan, CFD analysis of a Kaplan turbine at a head of 15 meters with Fluent software, 3rd International Congress of Environmental Research, September 16-18, 2010, University of Mauritius, Reduit, Mauritius.
[50].	K.M.Pandey, Studies on Base Pressure in Suddenly Expanded Circular Ducts: A Fuzzy Logic Approach, The 2nd International Conference on Machine Learning and Computing (ICMLC 2010), Bangalore, India, February 9-11, 2010, PP.237-242, and ISBN 978-0-7695-3977-5
[51].	G.Sharma, R.Jagannath and K.M.Pandey, Wall Static Pressure Variation in Sudden Expansion in Flow Through Nozzles at Mach 1.74 and 2.23: A Fuzzy Logic Approach, The 2nd International Conference on Machine Learning and Computing (ICMLC 2010), Bangalore, India, February, 9-11, 2010, PP.243-247, ISBN 978-0-7695-3977-5.
[52].	Pandey K.M., Mohnish Kumar, Shushil Kumar and Amit Kumar, Studies on wall static pressure in sudden expansion in flow through nozzles at Mach number 1.58: A fuzzy logic approach, International Conference on recent advances in experimental fluid mechanics, K.L. College of Engineering, Vijaywada, March 3-6, 2008.
[53].	Pandey K.M., Mohnish Kumar, Shushil Kumar and Amit Kumar, Studies on base pressure in sudden expansion in flow through nozzles at Mach number 2.4: A fuzzy logic approach, International Conference on recent advances in experimental fluid mechanics, K.L.College of

	Engineering, Vijaywada, and March 3-6, 2008.
[54].	K.Deb, U.Kumar and K.M.Pandey, Studies of reverberation time for the room with 200, Kva diesel generator set without enclosures, International Conference on Modeling and Simulation, CITICOMS 2007, Department of Chemical Engineering, Coimbatore Institute of Technology, Coimbatore, India, August 27-29, 2007.
[55].	Amrit Sarkar and K.M.Pandey, Temperature distribution from a nuclear fuel rod using Pdetool of Matlab, International Conference on Modeling and Simulation, CITICOMS 2007, Department of Chemical Engineering, Coimbatore Institute of Technology, Coimbatore, India, August 27-29, 2007
[56].	K.M.Pandey and R. Deb, Thermoeconomics of an irreversible solar driven heat engine, Advanced computational methods in heat transfer IX, Wessex institute of Technology, Ashurt lodge, New Forest,U.K. July 5-7, 2006, PP 417-426 Witpress 2006, ISBN- 1-84564-176-0, ISSN 1743-3533 Online, ISSN- 1746-4471 Print.
[57].	Pandey K M, Review on flow through nozzles in sudden expansion, 22nd International Symposium on Space Technology and Science, Morioka, Japan, May 28 - June 4, 2000, pp 968-973, ISTS 2000-e-20
[58].	Pandey K M, Studies on flow through nozzles in sudden expansion with passive control, International conference at IISc, Bangalore on recent advances in Mechanical Engineering, Dec 20-22, 1995, pp 1511-1518, Narosa publications, New Delhi, India, 1996, Volume 2 ISBN- 81-7319-089-5.
[59].	Pandey K M, Studies on variation of pressure and lift coefficient as function of angle of attack using vortex based panel method for Jukowski aerofoil, International Conference on Computational Methods in Engineering, Nov 11-13, 1992, Singapore.
[60].	Pandey K M, Rathakrishnan E and Oberai M M, Studies on flow development in flow through nozzles in sudden expansion with passive control, accepted in 19thInternational Symposium on space technology and science, May 15-24, 1994, Yokohama, Japan, ISTS 1994-d-10.
[61].	Pandey K M, Base flow behaviour in sudden expansion: a comparison between supersonic and subsonic flow regime 20th International Symposium on Space Technology and Science, Tokyo, May 1996, ISTS 1996-d-11.
[62].	Pandey K M, Pressure loss in flow through nozzles with sudden expansion: A comparison between supersonic and subsonic flow regime, International Conference on Advances in Mechanical and Industrial Engg, Dept of Mechanical and Industrial Engg., Roorkee, India, Feb 6-8, 1997, pp 417-426, Ajay printers and publishers, Roorkee, India, Volume 2 ISBN- 81-86463-15-1.
[63].	Pandey K M, Influence of cavities on flow development in sudden expansion: a case study in supersonic flow regime, Flucom ‟97 Fifth Triennial International Symposium in Tokyo Sept 1-4, 1997.
[64].	Pandey K M, Experimental studies on influence of flow development in sudden expansion: a comparison between supersonic and subsonic flow regime, 8th International Symposium on Flow Visualization, Sorrento (NA), Italy, and Sept 1-4, 1998.
[65].	Pandey K M, Redesign of solar cookers: An overview, International Conference on Energy Storage Technology and Systems (ICOESTS), School of Energy and Environmental Studies, Devi Ahilya University, Khandwa Road, Indore, Feb 1-4, 1999.
[66].	Participated in an International Conference on Recent Advances in Experimental Fluid Mechanics Dept of Aerospace Engg, IIT Kanpur as member of International Technical Committee, Dec 18-20, 2000.
[67].	Pandey A K and Pandey K M, Recent advances in air pollution control, presented in International Symposium on Techno-Commercial and Decentralized Approach in Waste to Energy, Department of Mechanical Engineering, Malviya Regional Engineering College, Jaipur, India, and March 1-3, 2002.
[68].	Pandey K M and Pandey A K, Impact of Utilization of Non-Conventional Energy Sources on the Environment, accepted in World Renewable Energy Congress VII, Cologne, Germany, and June 29 - July 5, 2002.
[69].	Pandey K M, Promoting and sustaining innovations in technician education and training, accepted in

	International Conference on Ship and Ocean Technology, Department of Naval Architecture IIT Kharagpur India, Dec 18-20, 2002.
[70].	Pandey K M and Dharmendra Kumar, Automated Speaker Recognition using Principal Component Analysis, presented in 47thcongress of ISTAM, IIT Guwahati, and Dec 23-26, 2002.
[71].	Pandey K M and Dharmendra Kumar, Fast Discovery of Association Rules from Transaction Databases, presented in 47th congress of ISTAM, IIT Guwahati, Dec 23-26, 2002.
[72].	K.M. Pandey and A.K. Pandey, Usage of non conventional power generation for controlling environmental pollution: - A case study of Silchar city, accepted in 12th International Scientific Symposium on Transport and Air pollution, Avignon, France, 16th– 18thJune, 2003.
[73].	A.K. Pandey, K.M. Pandey and J.S. Virk, Pollution control of air" an overview, accepted in 12th International Scientific Symposium on Transport and Air pollution, Avignon, France, 16th– 18th June, 2003.
[74].	K. M. Pandey, P. Jain, D. Dandotiya and A.K.Pandey, Recent advances in solar photovoltaic energy systems: an overview, 14th International Photovoltaic Science and Engineering Conference, Chulalongcorn University, Bangkok, Thailand, Jan. 26-30, 2004.
[75].	K.M. Pandey and Geeta Kumari, Gasifier technology: a novel solution to rural energy requirements, presented in first International Conference on Renewable Energy organized by Central Board of Irrigation and Power, Le Mandarin Hotel, Jan path, New Delhi, Oct 6-8 2004
[76].	K.M. Pandey and Geeta Kumari,, Review of media awareness to control environmental pollution: a case study of NIT Silchar, International Association of Science and Technology for Development-USA, International Conference on Environmental modelling and Simulation(EMS 2004), St. Thomas, Virgin Islands, USA, November 22 to 24 2004.
[77].	K.M. Pandey and Geeta Kumari, Usage of renewable energy: a solution towards environmental pollution control, The International Association of Science and Technology for Development-USA, International Conference on Power and Energy Systems (PES 2004), Clearwater Beach, Florida, USA, November 28 to December 1, 2004.
[78].	K.M. Pandey and Geeta Kumari, Recent advances in non-conventional energy systems: a case study of developments in India, The International Association of Science and Technology for Development-USA, International Conference on Power and Energy Systems (PES 2004), Clearwater Beach, Florida, USA, November 28 to December 01 2004.
[79].	K.M. Pandey and Geeta Kumari, Present status of India in non-conventional power generation: an overview, The International Association of Science and Technology for Development-USA, International Conference on Power and Energy Systems (PES 2004), Clearwater Beach, Florida, USA, November 28 to December 01 2004.
[80].	K.M. Pandey and Manoj Kumar, Commercial, Institutional and Industrial Recovery in Waste Management: A Case Study of West Virginia, 2nd International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management, De La Salle University, Philippines, Hotel Hyatt Regency, Manila, Philippines,
[81].	K M Pandey and D Sen, Energy Management: National Scenario, International conference on Challenges and Strategies for Sustainable Energy, Efficiency and Environment, UP Technical University Lucknow, 10-11 June 2006
[82].	K.M. Pandey and M. Mahesh, Determination of temperature distribution in a cylindrical nuclear fuel rod- a mathematical approach, International conference on heat power cycles, September 11-14, university of Newcastle, Newcastle, United Kingdom.
[83].	Geeta Kumari, Vandana Sharma and K M Pandey, Advances in mechanical engineering software management, accepted in International Conference on Technology Management, Kolej University Technology, Tun Hussein Onn Page 35 of 52 (KUITTHO), Faculty of Technology management, Palm Garden Hotel, IOI Resort, Kuala Lumpur, Putryjaya, Malaysia, December 4-5, 2006
[84].	Geeta Kumari, Vandana Sharma and K M Pandey, Human resource practices in private sector: a case study of Cadtrium engineering solutions (P) Ltd. Gurgaon, presented in International Conference on Research in Management and Technology, Gyan Jyoti Institute of Management and Technology, Mohali, Chandigarh, March 23-24, 2007

[85].	Geeta Kumari, Vandana Sharma and K M Pandey and Sanjay Pandey, Training and development needs of human resources in a software company: a case study of Cadtrium engineering solutions (P) Ltd. Gurgaon, accepted in Guru Nanak Institute of Management and Technology Ludhiana in International Conference on Management challenges in the present era Institute of Management and Technology, May 05, 2007.
[86].	Geeta Kumari, Vandana Sharma and K M Pandey, training needs identification in the development of software technology in a small enterprise, 8th International Conference on operations and quantitative management, emerging perspective of decision making in a new 37 globalized world, theory, practices and future directions, AIMS International and ABAC School of management, Assumption University, Bangkok, Thailand, October 17-20, 2007
[87].	Geeta Kumari, Vandana Sharma and K M Pandey, performance evaluation of human resource in a small enterprise company, 8th International Conference on operations and quantitative management, emerging perspective of decision making in a new globalized world, theory, practices and future directions, AIMS International and ABAC School of management, Assumption University, Bangkok, Thailand, October , 17-20, 2007.
[88].	Geeta Kumari, K.M. Pandey and J.S. Virk Training and development needs of human resources in a software company: a case study of Cadtrium Engineering solutions Delhi, Proceedings of the 6th AIMS International conference on management, Indian Business Academy, Greater Noida, December 28-31, 2008 PP.365-370.
[89].	Geeta Kumari, J.S. Virk and K.M. Pandey, Health effects of software people: an overview, Proceedings of the 6th AIMS International conference on management, Indian Business Academy, Greater Noida, December 28-31, 2008 PP.371-374.
[90].	S. Debbarma, K.M. Pandey and U Kumar, Review on noise pollution from internal combustion engines, Proceedings of International conference on energy and environment, March 19-21, Taj Chandigarh, Chandigarh, India.PP.111-114 Published online on World Academy of Science, Engineering and Technology, Volume 39, March 2009, ISSN 2070-3740.
[91].	Sangeeta Pathak and K.M. Pandey, Studies on doses of pesticides on mutations in seed character of the plants for a better environment, Proceedings of International conference on energy and environment, March 19-21, Taj Chandigarh, Chandigarh, India PP 778-780. Published online on World Academy of Science, Engineering and Technology, Volume 39, March 2009, ISSN 2070-3740.
[92].	K.M. Pandey, A.P Singh and R. Sudersan, Computational studies on total pressure loss in De Laval Nozzle at Mach 2.1 in Sudden expansion duct with fluent software.3rdInternational Conference at advances in Mechanical Engineering, department of mechanical engineering, SVNIT Surat, Jan. 4-6, 2010, pp.224-228.
[93].	Sunita Deb, K M Pandey and Gaurav Joshi, A review on direction of work by Khadi and Village Industries Commission in context with food security of India accepted in International Scientifc and Practical conference on Strategy of Economic Development of the Food Industry and Ensuring Food Security of Country, Odessa National Academy of Food Technologies, Ministry of Education and Science, Youth and Sport of Ukraine, October 29-31, 2012.
[94].	Saurabh Jangid, Geeta Kumari, K M Pandey, Recent advances in Khadi and Village Industries Commission work for development of food materials for rural poor community of India- accepted in International Scientifc and Practical conference on Strategy of Economic Development of the Food Industry and Ensuring Food Security of Country, Odessa National Academy of Food Technologies, Ministry of Education and Science, Youth and Sport of Ukraine, October 29-31, 2012.
[95].	Saurabh Jangid, Geeta Kumari, K M Pandey, Food security in north-eastern India and some suggestions for Khadi and Village Industries Commission of India: A critical analysis- accepted in International Scientifc and Practical conference on Strategy of Economic Development of the Food Industry and Ensuring Food Security of Country, Odessa National Academy of Food Technologies, Ministry of Education and Science, Youth and Sport of Ukraine, October 29-31, 2012.
[96].	M. Manik, K M Pandey and N. V. Despande, A review on food culture of people in north-eastern India- accepted in International Scientific and Practical conference on Strategy of Economic Developement of the Food Industry and Ensuring Food Security of Country, Odessa National Academy of Food Technologies, Ministry of Education and Science, Youth and Sport of Ukraine,

	October 29-31, 2012.
[97].	K.M. Pandey and N.V. Despande, CFD analysis of Combustion phenomena of expansion type ramp Injector using expansion angle 5 degrees and fuel inlet at Mach 1.40 accepted in IMECE 2012, ASME International Mechanical Engineering Congress and Exposition, November 9-15, 2012, Houston, Texas, USA (IMECE 2012-86102).
[98].	K.M. Pandey and N.V. Despande, CFD analysis of wall injection with cavity based scramjet Combustion at Mach 2 for larger length to diameter ratio-accepted in IMECE 2012, ASME International Mechanical Engineering Congress and Exposition, November 9-15, 2012, Houston, Texas, USA (IMECE 2012-86527).
[99].	U. Kumar and K.M. Pandey, SEM and EDAX study of rice husk for the sorpyion of Cu (II) from Wastewater accepted in IMECE 2012, ASME International Mechanical Engineering Congress and Exposition, November 9-15, 2012, Houston, Texas, USA (IMECE 2012-89227).
[100].	K.M Pandey, R.K Gupta and A.R Jaiswal, Numerical analysis of the isolated aircraft wing with variation of angle of attack at 0.4 Mach cruising speed using fluent software, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my)
[101].	K. M. Pandey and R. Kannojiya , A review on extraction of pine apple fibers formaking commercial products, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my)
[102].	Deepak Sharma and .K. M. Pandey, Energy quality and productivity audit of KVICbased industries in Barak valley region of Assam state in India, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT)., 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my)
[103].	K.M. Pandey and K.O. Reddy, Recent advances in India in solving the problems of food security ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT), 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my)
[104].	Ajoy Debbarma and K. M. Pandey, Environmental impact assessment and management: Protecting ecology in North-East, India, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT), 21030, Kuala Terengganu, Terengganu (MALAYSIA). (www.umt.edu.my)
[105].	R. Debnath, P.L. Choudhury and K.M. Pandey, Influence of fiber orientation and laminate stacking sequence on out-of plane and in-plane bending natural frequencies of laminated composite ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT), 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my)
[106].	P. Bose and K. M Pandey, Mathematical modelling of propellant grain geometry suitable for solid rockets used in multi barrel rocket launcher application, ICER-12, 5th International Congress of Environmental Research, 22-24 November, 2012, Centre for Socioeconomic Development, University Malaysia Terengganu (UMT), 21030, Kuala Terengganu, Terengganu (Malaysia). (www.umt.edu.my).
[107].	K. M Pandey and Binita Nath, CFD Analysis of Supersonic Combustion using wedge shaped strut having circular inlet with standard K-Є Non premixed turbulence model, Proceeding of the International Conference on Advances in Computer Science and Engineering (ICACSE 2013), Lords Institute of Engineering and Technology, Vidya Vikas Institute of Technology, Hyderabad, India in association with World Academy of Research in Science and Engineering (WARSE), 7-8 January 2013, PP.437-442.
[108].	K. M. Pandey and S. Roga , Computational Analysis of Supersonic Combustion Using Ramp Injector with Standard K-ω Turbulence Model, Proceeding of the International Conference on Advances in Computer Science and Engineering (ICACSE 2013), Lords Institute of Engineering and

	Technology, Vidya Vikas Institute of Technology, Hyderabad, India in association with World Academy of Research in Science and Engineering (WARSE), 7-8 January 2013, PP.31-36.
[109].	K Obula Reddy, K M Pandey, Burn back Analysis of 3-D Star Grain Solid Propellant, Proceeding of the International Conference on Advances in Computer Science and Engineering (ICACSE 2013), Lords Institute of Engineering and Technology, Vidya Vikas Institute of Technology, Hyderabad, India in association with World Academy of Research in Science and Engineering (WARSE), 7-8 January 2013, PP.443-448.
[110].	A.P. Singh, K.M. Pandey, Arun Burman, Mohit Sharma and Navneet Tyagi, Numerical Analysis of Hypersonic Combustion without Cavity Based Injection with Finite rate Chemistry Model, Proceeding of the International Conference on Advances in Computer Science and Engineering (ICACSE 2013), Lords Institute of Engineering and Technology, Vidya Vikas Institute of Technology, Hyderabad, India in association with World Academy of Research in Science and Engineering (WARSE), 7-8 January 2013, PP.56-62.
[111].	K.M. Pandey and Sunita Deb, Computational Fluid Dynamics Analysis Of Combustion In Two Dimensional Star Shaped Perforated And Circular Perforated Ammonium Perchlorate Composite Propellant With HTPB Binder, Proceeding of the International Conference on Advances in Computer Science and Engineering (ICACSE 2013), Lords Institute of Engineering and 40 Technology, Vidya Vikas Institute of Technology, Hyderabad, India in association with World Academy of Research in Science and Engineering (WARSE), 7-8 January 2013, PP.449-454.
[112].	Subhankar Das, P.L. Choudhury and K.M. Pandey, On reduction of Stress Concentration at Delaminated Composite Laminate, Proceeding of the International Conference on Advances in Computer Science and Engineering (ICACSE 2013), Lords Institute of Engineering and Technology, Vidya Vikas Institute of Technology, Hyderabad, India in association with World Academy of Research in Science and Engineering (WARSE), 7-8 January 2013,PP.455-458.
[113].	Sinha, A., Gupta, R. and Pandey K.M. "Design and analysis of a modified tea withering trough using Computational Fluid Dynamics (CFD)-A case study", Accepted in 10thInternational conference on Mechanical Engineering, BUET, Dhaka, Bangladesh, 20-22 December 2013. Will be published Procedia Engineering (Elsevier).
[114].	Sinha, A., Gupta, R. and Pandey K.M. "First law analysis of tea drying furnace in Cut-Tear-Curl (CTC) tea manufacturing-A case study", Accepted in 1st International conference on Energy system modelling and optimization, NIT Durgapur, India, 9th -11th December, 2013.
[115].	K.M. Pandey, K.K Sharma, Kumar Gaurav, Tarun Ashutosh, Abhinav Hazarika, Ritabrata Thakur, CFD Analysis of Blood Flow through Carotid Artery with 30% Blockage, International Congress of Environmental Research-2013, Aurangabad, India, December 19-21, 2013.
[116].	K. M. Pandey and Prateek Srivastava, Design and Combustion in Ramjet engines: A Review, International Congress of Environmental Research-2013, Aurangabad, India, December 19-21, 2013.
[117].	K.M. Pandey, R. Kannojiya and K.K. Sharma, Performance Study of Single and Double-stage Bach Type Savonius Rotor having Blade Shape factor 0.4 with Varying Overlap Ratios, International Congress of Environmental Research-2013, Aurangabad, India, and December 19-21, 2013.
[118].	R. Thakur, A.Hazarika, and T. Ashutosh and K.M.Pandey, Computational Analysisof Variation of Blood Flow in Multiple Blockages in Coronary Artery, International Conference on Advances in Civil, Structural and Mechanical Engineering, ACSME-2014, 4-5 January, Bangkok, Thailand organised by Institute of Research Engineers and Doctors, USA.
[119].	Deepak Sharma and K.M. Pandey, Computational study of convective heat transfer in sub channels of carbon dioxide flow at a pressure just above the critical value, , International Conference on Advances in Civil, Structural and Mechanical Engineering, ACSME-2014, 4-5 January, Bangkok, Thailand organised by Institute of Research Engineers and Doctors, USA.
[120].	S. Roga and K.M. Pandey, "CFD Analysis of Supersonic Combustion Using Kerosene Fueled Scramjet Combustor With Double-Cavity Flame holders," International Conference on Innovation in Design, Manufacturing and Concurrent Engineering (IDMC 2014) 01st-03rd, March 2014
[121].	S. Roga and K.M. Pandey, "CFD Analysis of Supersonic Combustion Using H2 Fueled Scramjet Combustor With Diamond-shaped Fuel Injector," International Conference on Innovation in Design, Manufacturing and Concurrent Engineering (IDMC 2014) 01st-03rd, March 2014, NIT-

	Rourkela.
[122].	Abhijit Dey, K.M Pandey and P.L. Choudhury," A comparison study of post-buckling analysis of filament wound composite pressure vessel subjected to hydrostatic pressure", Accepted in 41 International Conference on Innovation in Design, Manufacturing and Concurrent Engineering, National Institute of Technology, Rourkela, March 1-3, 2014.
[123].	K.M. Pandey and Sukanta Roga, CFD Analysis of Scramjet Combustor with Non-Premixed Turbulence Model Using Ramp Injector accepted for publication in the Proceedings of OPTIROB 2014- International Conference on Aerospace, Robotics, Manufacturing Systems, Mechanical Engineering, Biomechanics, Neuro rehabilitation, Human motricities, June 26-30, 2014, Hotel President Mangalia Mangalia, Romania.
[124].	Gautam Choubey, K.M Pandey "Numerical analysis of Hypersonic Combustion of a Scramjet Combustor with a Central lobed Strut Injector by varying the angle of attack", paper published in International conference on "Innovative Trends in Mechanical, Material, Manufacturing, Automotive, Automobile and Aeronautical Engineering" (ITMMMAAAE-2014), Feb.15-16, 2014, Organized by "Krishi Sanskriti, JNU, New Delhi.
[125].	Gautam Choubey, K.M Pandey "Numerical Investigation of Hypersonic Combustion for a Hydrogen-fuelled Scramjet Engine at Flight Mach Number of 7", 5th International and 41st National Conference on Fluid Mechanics and Fluid Power [FMFP-2014] organized by IIT Kanpur 12th December-14th December (abstract accepted).
[126].	Prateek Srivastava and K M Pandey, Computational Analysis of Hypersonic Combustion Using Flame Stabilizing Fuel Injection with Species Transport Model, paper published in International conference on "Innovative Trends in Mechanical, Material, Manufacturing, Automotive, Automobile and Aeronautical Engineering" (ITMMMAAAE-2014), Feb. 15-16, 2014, Organized by "Krishi Sanskriti, JNU, New Delhi.
[127].	R. Karthik, U Kumar and K.M. Pandey, CFD Analysis in the Field of River Engineering, A Review, paper published in International conference on "Innovative Trends in Mechanical, Material, Manufacturing, Automotive, Automobile and Aeronautical Engineering" (ITMMMAAAE-2014), Feb. 15-16, 2014, Organized by "Krishi Sanskriti, JNU, New Delhi.
[128].	K M Pandey, Pinku Debnath, "CFD Simulation of Detonation Enhancement Technique in Pulse Detonation Engine with Variation in Mach number" 3rd GlobalConference on Materials Science and Engineering (CMSE 2014), Shanghai, China, Oct. 20th-23rd. CMSE2014
[129].	Gautam Choubey and K M. Pandey, Numerical investigation of hypersonic combustion of a scramjet combustor with a wedge shaped strut injector with the variation in angle of attack, Proceedings of the International Mechanical Engineering Congress (IMEC) on Advances in mechanical Engineering, National Institute of Technology. Tiruchirappalli, Tamil Nadu, India. June 13-15, 2014 , PP.10-13
[130].	G. Chanakya, Deepak Sharma and K M .Pandey, Numerical heat transfer analysis of nuclear fuel sub-channels, Proceedings of the International Mechanical Engineering Congress (IMEC) on Advances in mechanical Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India. June 13-15, 2014, PP.137-140
[131].	Abhijit Dey, K M .Pandey and P. L. Choudhury, A comparison study of filament wound composite cylindrical shell used in under water vehicle application by Finite Element Method, 5th International and 26th All India Manufacturing Technology, Design and Research Conference AIMTDR 2014 Department of Mechanical Engineering, IIT Guwahati, India, December 12-14, 2014.
[132].	Gaurav Chaudhary, Abhijit Dey, P.L. Choudhury and K.M. Pandey, Delamination Prediction on Tapered Composite Laminate with Single Step and Consecutive Ply-Drop,International Conference on Pollymer Composites (ICPC 2014) Mechanical Engineering Department, National Institute of Technology Karnataka, Surathkal, Mangalore - 575 025, Karnataka, India, December 19, 2014 to December 20, 2014.
[133].	Saroj Yadav and K.M. Pandey, A Comparative Analysis of Heat Transfer in Extended Surfaces with and without Holes, published in5th International and 41st National Conference on Fluid Mechanics and Fluid Power (FMFP-2014) December 12-14, 2014, IIT Kanpur, Kanpur-208016.
[134].	Gautam Choubey and K.M. Pandey, A Computational analysis of hypersonic combustion, published in5th International and 41st National Conference on Fluid Mechanics and Fluid Power (FMFP-2014) December 12-14, 2014, IIT Kanpur, Kanpur-208016.

[135].	Shashikanta Dasmohapatra, P.L. Choudhury and Dr. K.M. Pandey, Structural Analysis of Wind Turbine Rotor Blade-A Review, published in 7TH International Congress of environmental organised by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014.
[136].	S.K. Sahoo, A. Debbarma and K.M. Pandey, Review on thermal hydraulics behaviour of sub channels of super critical water reactor, published in 7TH International Congress of environmental organised by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014.
[137].	R. Rajkhowa, D.H. Das and K.M. Pandey, Studies on Vertical Takeoff and Landing (VTOL) aircrafts: A Review, published in 7TH International Congress of environmental organized by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014.
[138].	M. Das, D.H. Das, and Dr. K.M. Pandey Performance Analysis of Pulse Detonation Engine -A Review, published in 7TH International Congress of environmental organized by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014.
[139].	Hussain M. S. M. Mazarbhuiya and Dr. K. M. Pandey, Stress Analysis Of Gas Turbine Blade: A Review, published in 7TH International Congress of environmental organized by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014.
[140].	Munesh Kumar Paswan and Dr. K.M. Pandey, Large Eddy Simulation of Fuel Injector in Scramjet Combustion Chamber: A Review, published in 7TH International Congress of environmental organized by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014.
[141].	Debkant Mohanty and K.M. Pandey, Transient Thermal Analysis of Modified Cr-Mo Steel During Gas Metal Arc Welding – A Review, published in 7TH International Congress of environmental organized by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014
[142].	Noor Alam and K.M. Pandey, A review on Hydroxy Gas (HHO) Production with Variation in Current, Voltage and Electrolyte Concentration, published in 7TH International Congress of environmental organized by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014.
[143].	Jitu Haloi, Deepak Sharma and Dr. K.M. Pandey, CFD Analysis of Heat Transfer in Nuclear Reactor Fuel Rods Using Lead as Coolant -A Review, published in 7TH International Congress of environmental organized by Journal of Environmental Research And Development (JERAD), R. V. College of Engineering, Bangalore, India in December 26-28, 2014.
[144].	Geeta Kumari, Dr. Gaurav Joshi & Dr. K. M. Pandey, A comparative analysis of job satisfaction of male and female software professionals in HCL PVT. Ltd, Noida, India, GJIMT's 9th International Conference on Sustainable Business Growth, Saturday, 6th June, 2015 at GJIMT, Phase-2, Mohali, Chandigarh, India.
[145].	Geeta Kumari, Dr. Gaurav Joshi & Dr. K. M. Pandey, Relationship Between Job Stress and Job Satisfaction in Sofware Industries: A Case Study of Wipro Ltd. Greater Noida, India, Proceedings of 6th International Conference on "Recent Trends in Applied Physical, Chemical Sciences, Mathematical/Statistical , and Environmental Dynamics", (PCME-2015), Organized by, "Krishi Sanskriti" on 9th August, 2015, Venue: Jawaharlal Nehru University, New Delhi, India PP.83-88, ISBN 978-81-930-585-8-9
[146].	Geeta Kumari, Dr. Gaurav Joshi & Dr. K. M. Pandey, Studies On Job Stress In Employees Of Software Companies: A Review, , Proceedings of 6th International Conference on, "Recent Trends in Applied Physical, Chemical Sciences, Mathematical/Statistical and Environmental Dynamics", (PCME-2015), Organized by, "Krishi Sanskriti" on 9th August, 2015, Venue: Jawaharlal Nehru University, New Delhi, India PP.77-82, ISBN 978-81-930-585-8-9.
[147].	Sinha, A., Gupta, R. and Pandey K.M. and Dey, S.K. "First law analysis of tea drying furnace in Cut-Tear-Curl (CTC) tea manufacturing-A case study", Published in 1st International Conference on Energy System Modeling and Optimization (ESMOC), NIT Durgapur, India, 9th -11th December,

	2013.
[148].	Sinha, A., Gupta, R. and Pandey, K.M. "Chemical exergy analysis of tertiary coals of North-Eastern India", Published in1st IEEE International Conference on Power and Energy in NERIST (ICPEN), Arunachal Pradesh, India, 28th -29th December, 2012.
[149].	K. Obula Reddy and K.M. Pandey, Experimental and numerical analysis of forced convection heat transfer in turbulent flow, International conference on computational heat and mass transfer, Department of mathematics, NIT Warangal, Telangana, November 30-2 December 2015.
[150].	K. Obula Reddy and K.M. Pandey, 3D Numerical analysis for thermal-hydraulic characteristics of water flow inside a circular tube with twisted tape with helical protrusions, International conference on computational heat and mass transfer, Department of mathematics, NIT Warangal, Telangana, November 30-2 December 2015.
[151].	Deepak Sharma, K.M. Pandey, C. Chandrashekhar A Pratap, Computational Study of Effect of Varying Properties of Carbon Dioxide on Convective Heat Transfer in Sub Channels Flow at a Pressure Just Above the Critical Value, 5th International Conference on Material Processing and Characterization,12 – 13 March, 2016, GRIET, Hyderabad, India.
[152].	Gautam Choubey, K. M Pandey, Ambarish Maji, Tuhin Deshmukhya, Ajoy Debbarma, Computational Investigation of Multi-Strut Injection of Hydrogen in a Scramjet Combustor, 5th International Conference on Material Processing and Characterization, 12 – 13 March, 2016, GRIET, Hyderabad, India.
[153].	Ajoy Debbarma, Krishna Murari Pandey, CFD Study on Emergency Core Cooling of Hot Vertical Nuclear Fuel Rod Bundle by Jet Impingement, 5th International Conference on Material Processing and Characterization, 12 – 13 March, 2016, GRIET, Hyderabad, India.
[154].	Saroj Yadav, Koushik Das and K.M. Pandey, a comparative analysis of heat transfer in extended surfaces, Proceedings of the 23rd National Heat and Mass Transfer Conference and 1st International ISHMT-ASTFE Heat and Mass Transfer Conference IHMTC2015 17-20 December, 2015, Thiruvananthapuram, India.
[155].	Deepak Sharma and K.M. Pandey, Different codes used for reducing thermal hydraulics problems in nuclear reactors: a review, International journal of advance research in science and engineering and 2nd international conference on recent innovation in science, engineering and management held on 22nd November 2015 at JNU Convention Centre New Delhi, PP 666-678, also to be published in the journal mentioned above.
[156].	Kumari, G. Joshi, G., Pandey K. M., "Studies on Job Stress in Employees of Software Companies: A Review", 6th International Conference on Recent Trends in Applied Physical, Chemical Sciences, Mathematical/Statistical and Environmental Dynamics, Organized by Krishi Sanskriti on 9th August,2015 at Jawaharlal Nehru University, PP 77-82, ISBN: 978-81-930585-8-9.
[157].	Kumari, G. Joshi, G., Pandey K. M., "Relationship between Job Stress and Job Satisfaction in Software Industries: A Case Study of Wipro Ltd., Greater Noida India", 6th International Conference on Recent Trends in Applied Physical, Chemical Sciences, Mathematical/Statistical and Environmental Dynamics, Organized by Krishi Sanskriti on 9th August, 2015 at Jawaharlal Nehru University, PP 83-88, ISBN: 978-81-930585-8-9.
[158].	K. Obula Reddy and K.M. Pandey, Experimental and numerical analysis of forced convection heat transfer in turbulent flow, International conference on computational heat and mass transfer, Department of mathematics, NIT Warangal, Telangana, November 30-2 December 2015.
[159].	K. Obula Reddy and K.M. Pandey, 3D Numerical analysis for thermal-hydraulic characteristics of water flow inside a circular tube with twisted tape with helical protrusions, International conference on computational heat and mass transfer, Department of mathematics, NIT Warangal, Telangana, November 30-2 December 2015.
[160].	K.M. Pandey, Numerical Investigations into the Design and Development of Scramjet Combustors– A Review,International Conference on Innovative Research in "Civil, Computer Science, Information Technology, Mechanical, Electrical and Electronics Engineering" (CIME-2016) Organized by "Krishi Sanskriti publications" on 20th March, 2016 Venue: Jawaharlal Nehru University, New delhi-110067.
[161].	Pritam Majumder, K.M. Pandey and N.V. Deshpande, "Design and Analysis of a Propeller Blade for

	Underwater Vehicle", International Conference on Innovative Research in "Civil, Computer Science, Information Technology, Mechanical, Electrical and Electronics Engineering" (CIME-2016) Organized by "Krishi Sanskriti publications" on 20th March, 2016 Venue: Jawaharlal Nehru University, New delhi-110067.
[162].	K. M. Pandey and Jitendra Kumar, "CFD Analysis of Pulse Detonation Engine-A Review", International Conference on Innovative Research in "Civil, Computer Science, Information Technology, Mechanical, Electrical and Electronics Engineering" (CIME-2016) Organized by "Krishi Sanskriti publications" on 20th March, 2016 Venue: Jawaharlal Nehru University, New delhi-110067.
[163].	Krishna Murari Pandey and Mriganav Debnath, "An Analysis of Various Machining Process on Composite Materials-A Review", International Conference on Innovative Research in "Civil, Computer Science, Information Technology, Mechanical, Electrical and Electronics Engineering" (CIME-2016) Organized by "Krishi Sanskriti publications" on 20th March, 2016 Venue: Jawaharlal Nehru University, New delhi-110067
[164].	Mujibur Rahman and Krishna Murari Pandey, "Current Research Trends in Aluminium Metal Matrix Composites–A Review", International Conference on Innovative Research in "Civil, Computer Science, Information Technology, Mechanical, Electrical and Electronics Engineering" (CIME-2016) Organized by "Krishi Sanskriti publications" on 20th March, 2016 Venue: Jawaharlal Nehru University, New delhi-110067.
[165].	K. M. Pandey and Rajesh Chaurasiya, "Thermal Stratification in Hot Fluid Storage - A Review", International Conference on Innovative Research in "Civil, Computer Science, Information Technology, Mechanical, Electrical and Electronics Engineering" (CIME-2016) Organized by "Krishi Sanskriti publications" on 20th March, 2016 Venue: Jawaharlal Nehru University, New delhi-110067.
[166].	Akhileshwar Singh and K.M. Pandey, "Experimental and Numerical Analysis of Combustion in Scramjet Engine: A Review", International Conference on Innovative Research in "Civil, Computer Science, Information Technology, Mechanical, Electrical and Electronics Engineering" (CIME-2016) Organized by "Krishi Sanskriti publications" on 20th March, 2016 Venue: Jawaharlal Nehru University, New delhi-110067.
[167].	Jnanaranjan Acharya, K.M Pandey and Shushovan Chatterjee, "A Review on Aerodynamics of Flight in Adverse Condition", International Conference on Innovative Research in "Civil, Computer Science, Information Technology, Mechanical, Electrical and Electronics Engineering" (CIME-2016) Organized by "Krishi Sanskriti publications" on 20th March, 2016 Venue: Jawaharlal Nehru University, New delhi-110067.
[168].	Prince Kumar, Sukumar Pati, Dr. K.M. Pandey, Effect on Heat Transfer Characteristics of Nanofluids flowing under laminar and Turbulent Flow Regime – A Review, International Conference on Advanced Material Technologies, 27-28 December, 2016, Dadi Institute of Engineering and Technology, Visakhapatnam, Andhra Pradesh, India.
[169].	R. K Yadav, K M Pandey, Review On Heat Transfer From Fins, , International Conference on Advanced Material Technologies, 27-28 December, 2016, Dadi Institute of Engineering and Technology, Visakhapatnam, Andhra Pradesh, India,
[170].	Noor Alam, K M Pandey ,Experimental Studies of Hydroxy gas(HHO) Production with Variation in Current, Voltage and Electrolyte Concentration, International Conference on Advanced Material Technologies, 27-28 December, 2016, Dadi Institute of Engineering and Technology, Visakhapatnam, Andhra Pradesh, India.
[171].	S.B.Kharat, A. B. Deoghare and K. M. Pandey, Airflow and Particale Transport Through Human Airways: A Systematic Review, International Conference on Advanced Material Technologies, 27-28 December, 2016, Dadi Institute of Engineering and Technology, Visakhapatnam, Andhra Pradesh, India.
[172].	S.B.Kharat, A. B. Deoghare and K. M. Pandey, Flow Analysis Through CT Scan Based Human Airways Model, Computation Science symposium, IISc Bangalore March 2017.
[173].	S.B.Kharat, A. B. Deoghare and K. M. Pandey, Development of Human Airways Model for CFD Analysis, ICMMM, VIT Vellore, March-2017 .

National Conference:

[1].	Pandey K M, Studies on variation of vortex strength as a function of angle of attack using vortex based panel method for Jukowski aerofoil, National Symposium on Optimisation Techniques and Application, OPTEC-Ns92, Thiagrajar College of Engineering, Madurai, Tamil Nadu, India, July 2-3, 1992.
[2].	Pandey K M and Gupta S N, Fluidisation of large size coal particles at moderate temperature, National Symposium on experiments in fluids, Department of aerospace engineering, IIT Kanpur, Uttar Pradesh, India, Dec 28-31, 1992, pp 180-187.
[3].	Pandey K M, Studies on minimum fluidising velocities of large size wood charcoal particles, National Symposium on Experiment in Fluids, Department of Aerospace Engineering, IIT Kanpur, Uttar Pradesh, India, Dec 28-31, 1992, pp 266-275.
[4].	Pandey K M and Rathakrishnan E, Pressure loss in sudden expansion with passive control, proceedings of national conference on Fluid Machinery, Department of Production and Machine 42 Tool Engineering, K.I. Somaiya College of Engineering Vidyabihar, Bombay, India, Mar 11-13, 1994, pp G9-1-G9-5.
[5].	Pandey K M and Rathakrishnan E, Base pressure Oscillation in sudden expansion with passive control, proceeding of national conference on fluid machinery, Department of production and machine tool engineering K.I. Somaiya College of Engineering Vidyabihar, Bombay, India, Mar 11-13, 1994, pp G10-1 to G10-7.
[6].	Pandey K M, Variation of base pressure in compressible subsonic regime of flow, 2ndNational Conference on Thermal System, Mech. Engg. Dept, BHUIT Varanasi, Jan 28-30, 1995
[7].	Pandey K M and Rathakrishnan E, Studies on base pressure oscillations in sudden expansion with passive control, Conference on Thermal System, Mech. Engg. Dept, BHUIT Varanasi, Jan 28-30, 1995.
[8].	Pandey K M, Dhar N G and Pandey S K, Feasibility studies of micro hydel power plant at REC Silchar, National seminar on Power Scenario in India, Electrical Engg. Department, REC Hamirpur, India, 14-15 Oct, 1995.
[9].	Pandey K M, Base flow in flow though nozzles with sudden expansion: a study in supersonic regime-2ndNational Conference on Fluid Machinery, Dept of Mechanical Engg, PSG College of Technology, Coimbatore, India, June 28-29, 1996, pp 256-265, Allied publishers Ltd. New Delhi, India, 1996, ISBN- 81-7023-543-X.
[10].	Pandey K M, Pressure loss in flow through nozzles with sudden expansion: a case study in supersonic flow regime-23rdNational Conference of Fluid Mechanics and Fluid Power, Civil Engg. Dept, MACT, Bhopal Dec 27-29, 1996.
[11].	Pandey K M, Electric energy management of ultra low head hydroelectric power projects, All India Seminar on Electric Energy System Management-Indian Scenario, Department of Electrical Engineering, University of Roorkee, Roorkee, Sept 4-5, 1998, pp 6-9.
[12].	Pandey K M, Effect of hub tip ratio on flow turning angle at varying speed of 1kW propeller turbine, 43rd Congress of Indian society of Theoretical and Applied Mechanics, Department of Mathematics and Computer Application, PSG College of Technology, Coimbatore, Dec 16-19, 1998.
[13].	Pandey K M, Feasibility studies of wind power generation in Silchar Region, National Conference on Wind Energy Commercialisation NCWEC-99, Department of Mechanical Engineering, MACT Bhopal, Mar 5-6, 1999.
[14].	Pandey K M, Influence of hub tip ratio on design of propeller turbines of 2kW and 5kW output at Ultra low heads, 44thCongress of Indian Society of Theoretical and Applied Mechanics, Department of Mathematics and Humanities, REC Warangal, Dec 22-25, 1999.

[15].	Pandey K M , S A Khan and Rathakrishnan E, Passive control of base flows, Proceedings of the National Seminar on Recent Advances in Experimental Mechanics, Dept of Aerospace Engg, IIT Kanpur, Mar 15-16, 2000, Allied Publications Ltd, New Delhi, India 2000 PP-57-71, ISBN – 81-7764-020-8.
[16].	Pandey K M and Sharma K K, Recent advances in wind turbine: a review, National Seminar on Trends for Development of Regional Areas of Country with Limited Resources, Kumaon Engg. College Dwarahat, Almora (U.P), April 28-29, 2000.
[17].	Pandey K M and Pandey S N, Status and problems of pumps in a paper mill: a case study of H.P.C. Panchgram, Cachar Paper Mill, Assam, 3rdNational Conference on Thermal System, Dept of Mech. Engg. BHUIT, Varanasi, Feb 17-18, 2001.
[18].	Pandey K M, Computer aided design of pumps installed at Hindustan Paper Corporation Cachar Paper Mill, Assam, 3rdNational Conference on Thermal System, Dept of Mechanical Engg. BHUIT, Varanasi, Feb 17-18, 2001.
[19].	Pandey K M and Sharma K K, A review on recent advances in wind energy system, 3rdNational Conference in Thermal Systems, Dept of Mech. Engg. BHUIT, Varanasi, Feb 17-18, 2001.
[20].	Pandey K M, Influence of cavities on flow development in sudden expansion: a comparison between supersonic and subsonic flow regime, 15thNational Convention of Aerospace Engineers, Dept of Aerospace Engg and Rocketry BIT Mesra, Ranchi.
[21].	Pandey K M, Variation of pressure and lift coefficient as a function of angle of attach using vortex based Panel method for Jukowski aerofoil, 15thNational Convention of Aerospace Engineers, Dept of Aerospace Engg. And Rocketry, BIT Mesra, Ranchi, Feb 23 -24, 2001, pp III.3 to III.3.5.
[22].	Pandey A K and Pandey K M, Environmental characteristics of liquefied natural gas and liquefied petroleum gas and its effect on air pollution, accepted in National Conference on Recent Trends in Mechanical Engineering Research and Development, Department of Mechanical Engineering, JNTU College of Engineering, Anantapur (A. P.), Oct 18, 2001
[23].	Dutta Pinak and Pandey K M, Analysis of turbulent flow over a backward facing step channel using NISA/ 3D fluid finite element technique, presented in 46thCongress of Indian Society of Theoretical and Applied Mechanics, Department of Mechanical Engineering, REC Hamirpur (H.P.), Dec 19-22, 2001.
[24].	Pandey A K and Pandey K M, Studies on air pollution from automobiles; an overview, presented in National Seminar on Energy and Environment, Anand Engineering College Agra, Dec 21-22, 2001.
[25].	Dharmendra Kumar and Pandey K M, Studies on acyclic diagraphs and decyclization-presented in 89thIndian Science Congress, Computer Sciences Section, Lucknow University Lucknow, Jan 3-7, 2002. The paper was given 1st prize in poster presentation.
[26].	Pandey K M and Pandey A K, Health effects of air pollution due to non-conventional power generation: a case study of Silchar city, reported to 90th Indian Science Congress, Bangalore University, Bangalore, Jan 3-7, 2003.
[27].	Pandey K M, Strategic planning of technical institutions: limitations and remedies, reported to 90th Indian Science Congress, Bangalore University Bangalore, Jan 3-7, 2003.
[28].	Pandey K M and Pandey A K, Impact on health of usage of non conventional energy system for controlling environmental pollution: - A case study of Silchar city, Fourth National Conference on Thermal systems, Department of Mechanical Engineering, BHUIT, Varanasi, India, Feb 22-23, 2003.
[29].	K.M. Pandey and A.K. Pandey, Enhancement of Quality of Technical Education by Providing Digital Library: A Case Study of Central Library of NIT Silchar, SiS 2003 Proceedings, 21stAnnual Convention and Conference, Society for Information Science, 9-11 April 2003, Central Library, Indian Institute of Technology, Roorkee, India, Vol.1, pp153-162.
[30].	K.M. Pandey, V.K. Sinha and D. Kumar, Recent Advances in Library Technology, SiS 2003 Proceedings, 21st Annual Convention and Conference, Society for Information Science, 9-11 April 2003, Central Library, Indian Institute of Technology, Roorkee, India, Vol.2, pp 511-524.
[31].	K.M. Pandey, V.K. Sinha and A.K. Pandey, Impact of Technology on library Services: A Case Study of Academic Library in China, National Seminar on Challenges in Delivering Quality Services in Management and Technical Libraries, April 25-26, 2003, T.A. Pai Management Institute, Manipal,

	Karnataka, India.
[32].	K.M. Pandey, Recent advances in air pollution control by using non-conventional energy systems, All India Seminar on Green Technology-Present and Emerging Need, The Institution of Engineers (India), West Bengal State Centre, Kolkata, Nov. 21-22, 2003.
[33].	K.M. Pandey, Usage of renewable energy: a solution for environmental pollution control, National Seminar on Environment and Health, S.V.U. Engg. College Tirupati, Dec. 29-30, 2003.
[34].	K.M. Pandey, Designing a library staff compute training programme: A case study of central library of NIT Silchar, training programme on IT applications in information management: issues, trends and challenges, NIT Silchar, March 1-10, 2004, pp 78-93.
[35].	K.M. Pandey and V.K. Sinha, Impact of technology on library services: A case study of academic library in China, training programme on IT applications in information management: issues, trends and challenges, NIT Silchar, March 1-10, 2004, pp 94-103.
[36].	K.M. Pandey, A.K. Pandey and S.B.L. Sachan, The impact of ICT on development of digital library system: an overview, presented in national seminar on ICT enabled education, National Institute of Technical Teachers Training and Research, Chandigarh, 17-18 Nov. 2004.
[37].	K.M. Pandey, P.M. Boro, S.B.L. Sachan and K.C. Satpathy, Recent advances in information technology and information management: the Indian Scenario, presented in national seminar on ICT enabled education, National Institute of Technical Teachers Training and Research, Chandigarh, 17-18 Nov. 2004.
[38].	K.M. Pandey and M. Mahesh, Recent developments in India in wind energy system and the management: an overview, National Conference on Mechanical Engineering, Ghousia College of Engg, Department of Mechanical Engineering, Ramanagaram-571511, March11-12, 2005. 45
[39].	Pandey K. M. and Kumari Geeta, Recent advances in multimedia and web technology and its usefulness in web based education system, National Convention of Computer Engineers, Institution of Engineers, Kerala State Centre, Trivandrum, March 12-13, 2005.
[40].	Sanjay Pandey and K.M. Pandey, Calculation of stresses and deformations based on finite element method for standard cabin using software Ansys design space 7.1,All India Seminar on Emerging Trends in Mechanical Engineering, The Institution of Engineers(I) Haryana State Centre, NIT Kurukshetra, March 29-30 2005
[41].	K. M. Pandey, K. Yadav and SBL Sachan, Empowering masses through Technology Applications and skills, National Seminar cum exhibition on empowering the masses through technology, Rural Development Department, National Institute of Technical Teachers Training and Research, Sector 26, Chandigarh – 160019, December 1 – 2, 2005.
[42].	K. M. Pandey and M. Mahesh, Steady state temperature distribution in a nuclear fuel rod, National conference on Mathematical and Computational Modelling, Department of Mathematics and Computer Applications. P S G College of Technology, Coimbatore, December 15-16, 2005.
[43].	K. M. Pandey and M. Ray, Experimental studies on heat transfer characteristics on circulating fluidized beds, Proceedings of National Conference on recent developments and future trends in mechanical engineering, N I T Hamirpur, India, Nov. 3-4, 2006 pp 33-45.
[44].	Geeta Kumari, Vandana Sharma and K M Pandey, Advances in human resource management, presented in a national seminar on emerging trends in ICT enabled services, PIMT, Mandi Gobindgarh , Punjab,26 October 2006.
[45].	Geeta Kumari, Vandana Sharma and K M Pandey, Advances in software technology management, presented in a national seminar on business transformation through technological integration, PIMT, Mandi Gobindgarh , Punjab,30 April 2007.
[46].	K. Deb, U. Kumar and K.M. Pandey, Noise reduction techniques in internal combustion engines: a review, National Conference on recent advances in mechanical engineering, department of mechanical engineering, Baba Sahab Bhim Rao Ambedkar College of Agril Engg. And Technology, Etawa (U.P.) 28-29 March 2007.
[47].	Mohnish Kumar, Sushil Kumar, Amit Kumar and K.M.Pandey, Pressure loss in sudden expansion in flow through nozzles at Mach 2.75: a fuzzy logic approach, National Conference on recent advances in mechanical engineering, department of mechanical engineering, Baba Sahab Bhim Rao Ambedkar

	College of Agril Engg. And Technology, Etawa (U.P.) 28-29 March 2007.
[48].	Jagannath, N.G. Naresh, G. Sharma and K.M. Pandey, , Pressure loss in sudden expansion in flow through nozzles at Mach 1.74: a fuzzy logic approach, National Conference on recent advances in mechanical engineering, department of mechanical engineering, Baba Sahab Bhim Rao Ambedkar College of Agril Engg. And Technology, Etawa (U.P.) 28-29 March 2007
[49].	K.M. Pandey and Abhishek Kumar, An analysis of Vocational and Technical Education for Persons with Disabilities with emphasis on North East Region, National seminar on enhancing access and performance of disadvantaged sections of society in technical and vocational education, Media and continuing education centre, NITTTR, Chandigarh. March 22-23, 2007.
[50].	Pandey K.M., attended a seminar on strategic partnership program among National Institutes of Technologies Vis-à-vis Research and Academics, NIT Warangal, November 24-25, 2007.
[51].	K.M. Pandey and P.L. Chaudhary, Nuclear waste disposal and the effects on ground water pollution, presented in National workshop on engineering materials and equipments, NIT Silchar and Institute of public health engineers, India, Feb.15-16, 2008
[52].	K.M. Pandey and P.L. Chaudhary, Environmental effects of hydro-electric power plants: an overview, presented in National workshop on engineering materials and equipments, NIT Silchar and Institute of public health engineers, India, Feb.15-16, 2008.
[53].	K.M. Pandey, D.H. Das, A. Ghoshal, M. Agarwal and G. Goswami, Modelling of a two dimensional combustion chamber having one inlet with Fluent software, Proceedings of National Conference on Advances in fluid flow and thermal sciences(AFFTS2008), Department of Mechanical Engineering, SVNIT Surat, India , May 22-24, 2008,PP.A-20 to A-30.
[54].	K.M. Pandey and A.P. Singh, Computational studies on total pressure loss at Mach 1.74 in suddenly expanded ducts with Fluent software, National Conference on Advances in fluid flow and thermal sciences (AFFTS2008), Department of Mechanical Engineering, SVNIT Surat, India, May 22-24, 2008, PP. D-79 to D-87.
[55].	Geeta Kumari, K.M. Pandey, P.L. Chaudhary, Management of hydro-electric power plants: An overview, National seminar on earthquake hazard and disaster management of north-eastern states of India, Department of civil engineering, NIT Silchar, Assam, India, 18-20 October 2008, PP 48-59.
[56].	Geeta Kumari, K.M. Pandey, P.L. Chaudhary, Disaster management for tourism : An overview, National seminar on earthquake hazard and disaster management of north-eastern states of India, Department of civil engineering, NIT Silchar, Assam, India , 18-20 October 2008, PP 427.
[57].	Sanjay Pandey K.M. Pandey and P.L. Chaudhary, Static strength analysis using finite element method for water tank with belt using software ansys design space 6.1/7.1,National conference on advances in engineering design, department of mechanical engineering, NIT Hamirpur, 13-14 November 2008.
[58].	Sanjay Pandey K.M. Pandey and P.L. Chaudhary,Static strength analysis using finite element method for water tank with belt using software Ansys design space 6.1/7.1, National conference on advances in engineering design, department of Mechanical Engineering, NIT Hamirpur, 13-14 November 2008.
[59].	K. M. Pandey and M. Mahesh, Management of technical education in India: An Overview, National Conference on management of technical education in new millennium, Media centre and continuing education centre, National Institute of Technical Teachers Training and Research, Sector 26, Chandigarh – 160019, November 16 – 18 2005.
[60].	K. M. Pandey and M. Mahesh, Management of technical education in India: An Overview, National Conference on management of technical education in new millennium, Media centre and continuing education centre, National Institute of Technical Teachers Training and Research, Sector 26, Chandigarh – 160019, November 16 – 18 2005.
[61].	K.M. Pandey and A.P. Singh, Flow development in a suddenly expanded duct with cavity at Mach 1.74 from De Laval nozzle at cavity aspect ratio 1,Fluid mechanics and fluid power conference at PES Academy Bangalore, Dec. 11-13, 2008.
[62].	K.M. Pandey and A.P. Singh, Pressure loss in a suddenly expanded duct with cavity at Mach 1.74 from De Laval nozzle at cavity aspect ratio 1,Fluid mechanics and fluid power conference at PES

	Academy Bangalore, Dec. 11-13, 2008
[63].	P. Anand, A.P. Singh and K.M. Pandey, An analysis on flow development in a conical draft tube of reaction turbine with fluent software, Fluid mechanics and fluid power conference at PES Academy Bangalore, Dec. 11-13, 2008.
[64].	S. Pahari, P.S. Satpathy, S. Das, S. Kumar and K.M. Pandey, Numerical studies on supersonic flow over a wedge shaped body using fluent software, national conference on recent advances in mechanical engineering, department of mechanical engineering, NIT Silchar, Assam , December 20-21, 2008, PP 159-163.
[65].	Amitabh Roy and K.M. Pandey, Numerical analysis of combustion chamber design of turbojet engine with fluent software, national conference on recent advances in mechanical engineering, department of mechanical engineering, NIT Silchar, Assam, December 20-21, 2008, PP 213-217.
[66].	Virendra Kumar and K.M. Pandey, Studies on supersonic free single jet flow a numerical analysis with fluent software, national conference on advances in mechanical engineering, department of mechanical engineering, Don Bosco Institute of Technology, Mysore road, Kumblagodu, Bangalore, March 30-31, 2009PP.72-76.
[67].	S.K. Yadav and K.M. Pandey, Studies on rocket nozzle with fluent software, national conference on advances in mechanical engineering, department of mechanical engineering, Don Bosco Institute of Technology, Mysore road, Kumblagodu, Bangalore, March 30-31, 2009PP.21-26.
[68].	K.M. Pandey, S. Pahari, P. Satpathy, S. Das and S. Kumar, Numerical Studies on supersonic flow over a few blunt shaped bodies using fluent software, national conference on advances in mechanical engineering, department ofmechanical engineering, Don Bosco Institute of Technology, Mysore road, Kumblagodu, Bangalore, March 30-31, 2009, PP 88-100.
[69].	Sanjay Pandey, Rajneesh Kumar, K.M. Pandey and L. Roy, Static strength analysis using finite element method, National conference on Welding Technology, Department of Mechanical Engineering, SLIET, Longowal, Punjab, February 13-14, 2009.
[70].	Sanjay Pandey, Rajneesh Kumar, K.M. Pandey and L.Roy, FEA analysis of frame without cover plate, National conference on welding technology, Department of Mechanical Engineering, SLIET, Longowal, Punjab, February 13-14, 2009
[71].	K.M. Pandey An analysis of flow development in a rectangular draft tube of reaction turbine with fluent software- 7th national conference in modern trends in power engineering and power plants, department of mechanical engineering, college of engineering, Trivandrum, Kerala, 8-9 October 2009, PP 35-41, and the presentation was considered one among top five presentations in the conference.
[72].	Geeta Kumari and K.M. Pandey, Recent advances in software technology related to mechanical engineering-accepted for presentation in 7th national conference in modern trends in power engineering and power plants, department of mechanical engineering, college of engineering , Trivandrum, Kerala, 8-9 October 2009.
[73].	K.M. Pandey, S. Deb Verma, A.P. Singh, Akhilesh Kumar and U.Kumar, Computational analysis on controlling noise pollution from internal combustion engines, 7th national conference in modern trends in power engineering and power plants, department of mechanical engineering, college of engineering , Trivandrum, Kerala, 8-9 October 2009, PP 129-140.
[74].	K.M. Pandey, A.P. Singh, S. Pahari and Akhilesh Kumar, Flow analysis of convergent-divergent nozzles of maximum angle of divergence using fluent software at Mach 5, the 36 th National Conference on Fluid Mechanics and Fluid Power, Department of Mechanical Engineering, College of Engineering Pune, Maharastra, December 17-19, 2009.
[75].	K.M. Pandey, A.P. Singh, S. Pahari, and Prateek Srivastava, Flow analysis of convergent-divergent nozzle of minimum angle of divergence at Mach 3 using fluent software, the 36 th National Conference on Fluid Mechanics and Fluid Power, Department of Mechanical Engineering, College of Engineering Pune, Maharastra, December 17-19, 2009.
[76].	K.M. Pandey, A.P. Singh, P.L. Chaudhary, V. Bahuguna and Akhilesh Kumar, Some theoretical studies on gas foiled bearings, the 36 th National Conference on Fluid Mechanics and Fluid Power, Department of Mechanical Engineering, College of Engineering Pune, Maharastra, December 17-19, 2009.

[77].	K.M. Pandey, A.P. Singh, Ankur, Sourav Gupta, R. Sudarsan and Issac, Computational analysis of noise pollution in a four cylinder Diesel engine with Fluent software, the 36 th National Conference on Fluid Mechanics and Fluid Power, Department of Mechanical Engineering, College of Engineering Pune, Maharastra, December 17-19, 2009 .
[78].	K.M. Pandey, P.L. Chaudhury, A.P. Singh, and Prateek Srivastava, CFD analysis of a journal bearing with fluent software, the 36 th National Conference on Fluid Mechanics and Fluid Power, Department of Mechanical Engineering, College of Engineering Pune, Maharastra, December 17-19,2009 .
[79].	K.M. Pandey, S. Deb Verma, A.P. Singh, Akhilesh Kumar and U. Kumar, Computational analysis on controlling noise pollution from internal combustion engines, the 36th National Conference on Fluid Mechanics and Fluid Power, Department of Mechanical Engineering, College of Engineering Pune, Maharastra, December 17-19, 2009 .
[80].	Geeta Kumari, K.M. Pandey and A.K. Pandey, Management of technical education in India: an overview, National Conference on Innovations in Business Horizons Department of Business Administration ,Gurgaon Institute of Technology and Management, March 05 2010.
[81].	Geeta Kumari, K.M. Pandey and A.K. Pandey, Energy Management in changing business scenario, National Conference on Innovations in Business Horizons Department of Business Administration, Gurgaon Institute of Technology and Management, March 05 2010 .
[82].	Geeta Kumari, K.M. Pandey and A.K. Pandey, Innovative practices in performance appraisal in industries in India, National Conference on Innovations in Business Horizons Department of Business Administration, Gurgaon Institute of Technology and Management, March 05 2010.

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I certify that all the information given in my curriculum vitae is correct to the best of my knowledge.

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