

CURRICULUM VITAE

Name: Dr. ANIL KUMAR PRASAD

Father's Name: Late Shri Sarbanand Prasad

Present Position: Associate Professor

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DATE OF BIRTH: 16-07-1966

Present Address: Qr. No. – CF/56, NIT Campus,
NIT Jamshedpur, Distt. - Seraikela Kharsawan,
Jharkhand (India)
Pin Code: 831014



EDUCATIONAL QUALIFICATION:

S. No.	Degree	Board/University	Year	Percentage
1.	Ph.D	NIT Jsr.	2011	-----
2.	M.Tech/M.E/M.S/M.Sc	NIT Jsr.	2003	8.59 CGPA
3.	B.Tech/B.E/B.Sc	B.L.D.E.A's College of Engg. & Technology Bijapur /Karnataka University	1990	1 st Class

Ph. D Thesis Topic: Application of Pinch Technology for Process Integration in a Coal Based Sponge Iron Plant

M. Tech Thesis Topic: Productivity Improvement in Coal Based Sponge Iron Plant - A Case Study

RESEARCH INTERESTS: Process integration and solid mechanics

RESEARCH AWARDS/FELLOWSHIPS RECEIVED: NIL

RESEARCH PUBLICATIONS in SCI (With Full Details):

Author (s)	Title of the paper	Name of Journal	ISBN	Page No.
A.K.Prasad, R.K. Prasad and S.Khanam	Development of energy Conservations Scenarios for Sponge Iron Industry using Process integration	Energy Efficiency, Springer	eISSN: 1570- 6478	321-333

A.K.Prasad, N. R. Dey & S. K. Singh	Evaluation of New Equipments for Utilization of Waste Heat in Sponge Iron Industry	Energy Efficiency, Springer	eISSN: 1570-6478	591-608
Nishant R. Dey, Anil K.Prasad, Shravan K. Singh	Energy survey of the coal based sponge iron industry	Case Studies in Thermal Engineering, Elsevier	ISSN: 2214-157x	1-15
Anil Kumar Prasad, Vivek Kumar and Shabina Khanam	Generation of Energy Conservation Measures for Sponge Iron Plants	Lecture Notes in Engineering and Computer Science, DOAJ	ISSN: 20780958	2480 - 2484

[b] Paper published /accepted in Scopus Indexed Journals

Author (s)	Title of the paper	Name of Journal	SSN No.	Page No. From to
A.K.Prasad, R. K. Prasad and S.Khanam	Design Modifications for Energy Conservation of Sponge Iron Plants	Journal of Thermal Science and Engineering Applications, ASME	1948-5085 1948-5093	1-10
Nishant R. Dey, Anil K. Prasad and Shravan K. Singh	Productivity Increment of Coal based Sponge Iron Plant using Simulation	Indian Journal of Science and Technology	Print): 0974-6846, ISSN (Online):0974-645	1-7
Vineet Kr. Bhagat, Anil Kr. Prasad & A K Lal Srivastava	Physical & Mechanical Performance of Luffa-Coir Fibre Reinforced Epoxy Resin Based Hybrid Composites	International Journal of Civil Engineering and Technology	Print: 0976-6308 and ISSN Online: 0976-6316	722-731
Umesh Kumar, A K Prasad and Sourabh Kr. Soni	Efficient Use of Energy in a Electric Arc Furnace by Heat Integration Approach	International Journal of Engg. Sciences & Research Technology	277-9655	744-748
A. K.	An Investigation for Generation of	International	076-734x, eISSN:	77-88

Prasad, R. K. Prasad and S. Khanam	Energy Conservation Measures for Sponge Iron Plants using Process Integration Principles	Journal of Research and Reviews in Applied Sciences	2076-7366	
A. K. Prasad, R. K. Prasad & S.Khanam	Augmentation in the design of coal based sponge iron plant applying process Integration	Napier Indian Advanced Research Journal of Science	975-1726	1-10

NATIONAL / INTERNATIONAL CONFERENCES:

Author (s)	Title of the paper	Name of Conference and date	Vol. No. of the Proceedings
A. K. Prasad, R. K. Prasad and A. K. L. Srivastava	Duct carrying Waste Gas: Design & Development	50 th Congress of ISTAM An International Meet), IIT- Khgr., Dec. 14-17 (2005)	Abstract Pub. in Souvenir at page 23.
Anil Kr. Prasad, Vivek Kr. & Shabina Khanam	Generation of Energy Consevation measures for Sponge Iron Plants	World Congress on Engg. July 6-8 (2011), London (U.K)	III
A. K. Prasad & R. K. Prasad	A novel design of the coal based sponge iron plant	Advances in Mechanical Engg. Jamia Millia Islamia, New Delhi, Jan. 20-21 (2006)	pp. 750-758
A K L Srivastava, A K Prasad & B Pradhan	Parametric Instability of Composite plates	50 th Congress of ISTAM International Meet, IIT Khgr. Dec. 14 -17(2005)	pp. 28-36.
R K Prasad & A. K. Prasad	Thermal energy gain during solidification of phase- change materials due to uniform temperature heat rejection	Advances in Mechanical Engg, Jamia Millia Islamia, New Delhi, Jan. 20-21 (2006)	pp. 791- 798
Vineet Kr Bhagat, Anil Kr Prasad and A K L Srivastava	Sustainable Development of Natural Fibre based composite Materials	Sustainable Material & Tech. for Better Future, NIT Rourkela, Nov. 11-12 (2017), Org. by The Inst. Of Engineer	Abstract at 26

RESEARCH PROJECTS/Consultancy Projects:

Consultancy Projects		Completed:		On-going:
Title of the Project	Organization	Amount of grant in Lakhs.	Period	PI/ Co-investigator
(i) Consultancy/Testing of structural steel bars	39 party (List attached)	Rs. 5.492 lakh	27.12.12 – 7.11.17	Principal Investigator
(ii) Chhota Govindpur & Baghera Piped Water supply Schemes (MVS)	Executive engineer, DWS Division, Jamshedpur, DPMU East Singhbhum	Total Rs. 2 Crore (Mechanical works 25 Lakh)	2016 AND CONTIN UE	Principal Investigator (Mechanical Works)

CONFERENCE/WORKSHOP ORGANIZED: NIL

Ph. D. Supervised (With Full Details):

Ph.D. Thesis Supervised		Completed:		On-going:
Title of the Thesis	Research area	Year	Supervisor/ Co-Supervisor	Completed/ On-going
i] Design Modifications in a Coal Based Sponge Iron Plant Using a Modified Pinch Approach	Plant yield improvement by Process Integration in energy intensive plant	2017	supervisor	Completed
ii] Investigation of the Influence of Manufacturing Process on Fatigue Life Structural Steel used in Automotive Components	Solids Mechanics	-----	supervisor	On-going [2013 batch]
iii] Investigation and Characterization of Thermoset Resin Based Hybrid Components	Solids Mechanics	-----	supervisor	On-going [2014 batch]
iv] Performance Evaluation of Compression Ignition Engine Fueled with Biodiesel Blends	Energy & Combustion		supervisor	On-going [2015 batch]
v] Bio Diesel in IC Engine	IC engine & Combustion		supervisor	On-Going[2018]

MEMBER OF EDITORIAL BOARD OF THE JOURNALS:

Editor of Journals		
Name of the Journal	Name of the Publisher	National /International
Napier Indian Advanced Research Journal of Science	Society of the Adv. Research Science , Ara Bihar (India)	National

TEACHING EXPERIENCE:

Position Held	Institution	From	To	Nature of Job
Associate Professor	NIT Jamshedpur	16-05-2018	Continue	Teaching
Assistant Professor	NIT Jamshedpur	07-12-1999	15-05-2018	Teaching

AWARDS, HONOURS & RECOGNITIONS: NIL

REVIEWER OF INTERNATIONAL JOURNALS AND BOOKS:

Reviewer of Journals		
Name of the Journal	Name of the Publisher	National /International
Energy Efficiency	Springer	International

MEMBER OF PROFESSIONAL ACADEMIC BODIES: NIL

INVITED TALKS/SEMINARS GIVEN: NIL

Any Other Information:

