


Prof. Pranabesh Ganai

1. Personal Information			
(i)	Name	Pranabesh Ganai	
(ii)	Qualification	Ph. D. (Perusing), M.Tech., B.E.	
(iii)	Designation	Assistant Professor	
(iv)	Email-id	Pranabesh31@gmail.com	
(v)	Employee No.	0509113	
(vi)	Department	Mechanical engineering	
(vii)	Experience	18 Years	

2. Educational Qualification				
S. No.	Degree	Specialization	Year	University/Board
1.	Ph. D. (Perusing)	Design		IIT Delhi
2.	M.Tech.	Maintenance & Tribology	2003	SGSITS, Indore
3.	B.E.	Pt. Rvishanka Shukla Univ.	2000	Mechanical Engg.

3. Research Interests
Fluid dynamics, erosive wear, bearing design & modeling, vehicle dynamics

4. Research Paper Publications
(I) International/National Journal Publications
(i) Hydraulically Operated Working Model of Back Hoe Powered by IC Engine. IJTRA, Volume 1, Issue 3 (july-August 2013), pp. 34-39 ISSN 2320-8163
(ii) Hydraulically Operated Working Model of Back Hoe Powered by IC Engine. IJTRA, Volume 1, Issue 3 (july-August 2013), pp. 34-39 ISSN 2320-8163
(iii) Condition Monitoring of Internal Combustion Engine Using Oil Analysis Program. IJRMET, Vol.

	4, Issue No. 2, MAY – OCT. 2014; ISSN:2249-5762 (online); ISSN:2249-5770 (print),
(iv)	An Investigation for Prior Failure of Engine Component Through Spectroscopy Oil Analysis Program. Applied Mechanics and Materials, Vol. 592-594 (2014) pp. 1362-1365 DOI: 10.4028/www.scientific.net/AMM.592-594.1362

(II) International/National Conference Publications

Technical Papers –International /National Conferences

(i)	Performance, Condition and Prior Failure Monitoring of IC Engine Using Oil Analysis Program. Int. Conference of Advances I Mech. Engg., Energy systems and sustainability.Gw 22-23 Dec 2014; LNAT, Gwalior
(ii)	Performance Behaviour of Flared Journal Bearings. iNaCoMM 2015 IIT, Kanpur, Dec 16-18, 2015
(iii)	performance study of textured rigid/foil journal bearing with air compressibility. 43rd Leeds-Lyon Symposium on Tribology. Leeds, UK, 06-09 Sept. 2016. University of Leeds, UK
(iv)	Nonlinear dynamic responses of hydrodynamic air foil journal bearing employing conventional and segmental micro grooved surfaces. 9 th Int. Conference on IndustrialTribology Kolkata, 06-09 December 2017, TSI
(v)	Load Carrying Capacity and Friction Force Investigations in Flared Journal Bearing Considering Isotropic Surface Roughness. National Tribology conference 2016. IIT BHU,08-10 Dec. 2016

(v) List of Conferences/Workshops/Seminars Organized

(i)	Computational Fluid Dynamics, SGSITS Indore with IIT Bombay 12/06/2012-22/06/2012 (Two Weeks), Coordinator
(ii)	Fluid Mechanics, SGSITS Indore with IIT Kharagpur 20/05/2014- 30/05/2014(Two Weeks), Coordinator
(iii)	Recent advances in mechanical engineering, 8 th -13 th June 2020, Coordinator

(vi) Invited Lectures/Expert Talks/Chairmanships at Conferences

(i)	An expert talk on “Instructional design delivery system with useful/state of the art software tools” 11 th Aug. 2018, JSS academy of technical education, Noida
(ii)	An expert talk on “mechanical design techniques for academic and industrial environment”13 th July 2019, JSS academy of technical education, Noida