



Name : **RAKESH P. GAKKHAR**

Designation : **Associate Professor**

Educational Qualifications :

Degree	Year	University	Specialization
Ph.D.	1986	University of Roorkee	Combustion
M.E.	1973	University of Roorkee	Thermal Sciences
B.Sc Engg.	1971	Punjab University	Mechanical Engineering

Research Interests : Combustion, IC Engines ,Energy Systems, Instrumentation

Recent Publications:

1. Win, Zaw., Gakkhar, R.P., Jain S.C., Bhattacharya, M.,
"Investigations of the Diesel Engine Operating and Injection System Parameters for Low Noise, Emissions and Fuel Consumption Using Taguchi Methods",
Journal of Automobile Engineering, Proceedings of the Institution of Mechanical Engineer Part D., U.K.
2. Satbir Singh Sehgal, R.P. Gakkhar, Navneet Kaur,
"Neural Net Work Based Virtual Sensing for Monitoring Internal Combustion Engines",
Proceedings of National Conference on Recent Trends in Control System, B.B.S. Bahadur Engg. College, Fategarh Sahib, May 21, 2004.

Current Students:

Name	Degree	Title of thesis
Ramesh Chand	M.Tech.	Study of the Effect of Operating Parameters on Engine Noise of DI Diesel Engine Using Sound Intensity Technique.
Zaw Win	Ph.D.	Noise Study in a Small, high Speed, DI Diesel Engine by Modulation of Injection Rate
Nishan Singh (Part Time)	Ph.D.	I C Engines

Contact Info :

Phone : 285681 (O)
285693, 279726 (R)
Fax : 285665
Email : gakhrfme@iitr.ernet.in