

Professor SagarMaji

Full Curriculum Vitae

Present Assignments

Principal, GB Pant Engg College

Govt. of NCT of Delhi, New Delhi

Director, Delhi Inst of Tool Engg (**Additional Charge**)

Govt. of NCT of Delhi, New Delhi

+91-11-26382314 (Off)

+91-11-29219186 (Res)

+91-11- 26382317(Fax)

09818434090 (Mobile)

Email : smaji333@gmail.com



Education	<p>Ph. D, Delhi University, (Mechanical Engineering), 2002</p> <p>M. Tech, IIT-Delhi, 1990</p> <p>B. ScEngg (Mechanical), Delhi University, 1981</p>
Administrative Experience	<p>Principal G. B. Pant Engineering College : 7.3.2014 - till date</p> <p>Director (<i>Additional Charge</i>) Delhi Institute of Tool Engineering : 7.3.2014 – till date</p> <p>Dean (IRD) Delhi Technological University <i>From Sep 2010 to Till date</i></p> <p>Professor I/C (Alumni Affairs) Delhi Technological University <i>From Feb 2010 to Till date</i></p> <p>HOD (Department of Biotechnology) Delhi Technological University <i>From Sep 2010 to Till date</i></p> <p>HOD (Mechanical Engineering) Delhi Technological University <i>From July 2009 to April 2010</i></p> <p>HOD (Production & Industrial Engineering) Delhi Technological University <i>From July 2009 to April 2010</i></p> <p>HOD (Automobile Engineering) Delhi Technological University <i>From July 2009 to April 2010</i></p>

	<p>HOD (Mechanical Engineering) Delhi University <i>From October 2006 to October 2009</i></p> <p>HOD (Mechanical and Prod. & Industrial Engineering), Delhi College of Engineering <i>From May 2005 to June 2009</i></p>
Teaching Experience	<p>Professor and Principal <i>G. B. Pant Engineering College : 7.3.2014 - till date</i></p> <p>Professor <i>Delhi College of Engineering (Now DTU) December 2002 –March, 2014</i></p> <p>Associate Professor, Delhi College of Engineering <i>January 1992 to December 2002</i></p>
Research Experience	<p>Scientist-C, Indian Institute of Petroleum, Dehradun <i>October-1987 to January1992</i></p> <p>Scientist-B, Indian Institute of Petroleum, Dehradun <i>October-1981 to October 1987</i></p>
Other Important Administrative Responsibilities	<ul style="list-style-type: none"> i) Member, Board of Management (BOM), DTU ii) Chairman, Department Research Committee (DRC), of the Departments of MechEngg, P&I Engg, Automobile Engg and Bio-Tech, DTU iii) Chairman, Board of Studies (BOS), of the Departments of MechEngg, P&I Engg, Automobile Engg and Bio-Tech, DTU iv) Member Board of Research Studies (BRS), Faculty of Technology, DU v) Member Academic Council (AC), DU vi) Acting Vice Chancellor, DTU in absence of VC & Pro VC

Awards and Research Fellowships	<ul style="list-style-type: none"> • 2014 Guru Award conferred by SAEINDIA Foundation on 30th July, 2014 at New Delhi • Received 2001 Ralph R. Teetor Educational Award in "<i>Recognition of Significant Contribution to Teaching, Research and Student Development in the area of Automotive Engineering</i>". (Awarded by SAE International, USA). • Part of Ph D work under my guidance honored with National Award on 3/12/2009 by Govt. of India, Ministry of Social Justice and Empowerment in Public recognition for "Development of New Cost Effective Product for Manufacture" aimed at improving life for persons with disabilities. <p><u>Research Fellowships</u></p> <p>a) <i>UNDP fellowships in the area of "Alternative Fuels in 2-Stroke Engines" at University of Zwickau, Germany</i></p> <p>b) SERC Fellowships in the area of "Fuel injection Systems for Spark Ignition Engines" at IIT-Delhi</p>
Scholarships	West Bengal Government – MCM scholarship From 1976 – 1981
Ph.D.Guided (Completed)	<ol style="list-style-type: none"> 1. Dr. R.C Singh. "Thermohydrodynamic Analysis of Lubricated Piston Rings of Internal Combustion Engine" (2013) 2. Dr. Rajeev Chaudhary, "Design and Development of a new Generation Biodiesel Reactor and use of produced Biodiesel in a CI Engine Performance, Emission and Combustion Characteristics" (2012) 3. Dr. Suresh Lal, "Design & Development of Water Mist Nozzles and their Characterization for Fire Suppression Applications"(2012) 4. Dr. ManojSoni"Artificial Intelligence to an above Knee Prosthesis" (2011) 5. Dr. Raj Kumar Singh, "Gasification of Municipal Solid Waste" (2013) 6. Dr. Ranvir Singh Sharma, "Studies of Performance and

(In Progress)	<p>Emissions Characteristics of Direct Injection Compression Ignition Engine Dual Fueled with Diesel and CNG” (2014)</p> <p>7. Dr. A K Goel, “.Studies on Energy Efficiency in Industrial Clusters” (2014)</p> <p>8. Mr. Naveen Kumar Garg, “Investigations on Modelling Transportation Noise and Passive Control Measures and its Abatement”</p> <p>9. Mr. Subin Dev, “Development of Nanomaterial Based Non-invasive Biosensor for Oral Cancer Detection”</p> <p>10.Mr. Rajesh Kumar “Studies on Force Transducers for Improving their Accuracies”</p> <p>11.Mr. Sanjay Mohite “Production of Biodiesel and its Utilization in Compression Ignition Engines”</p>
PG & UG Guidance	<p>No. of PG Guidance = 42</p> <p>No. of UG Guidance = 55</p>
Membership in Professional Societies	<p>1. Member Society of Automotive Engineers (SAE), Membership no. – 6104444061</p> <p>2. Member, Fire & Security Association of India (FSAI)</p>
Leadership Development	<p>Position of responsibility in International Professional Bodies:</p> <p>1. Member of SAE – India Publication Board</p> <p>2. Member SAE-India, Engineering Education& Students Board</p> <p>3. Vice-Chairman (Publications)-SAE-India, NIS</p> <p>4. Member Technical Committee SAE India, NIS</p> <p>5. Faculty Advisor – SAE Student Chapter – DCE</p> <p>6. Member, SAE – India Foundation</p> <p>7. Faculty Advisor – SAE International Students chapter</p>
International Conferences	<p><i>International Conferences organized with Professional</i></p>

organized	<p><u>Societies</u></p> <ol style="list-style-type: none"> 1. “SAE 2000 India Mobility Conference” - First International SAE Conference on Mobility, New Delhi (February, 2000). 2. “SAE 2004 India Mobility Conference” - Third International SAE Conference on Mobility, New Delhi (January, 2004) 3. “SAE 2008 India Mobility Conference” - Fifth International SAE Conference on Mobility, New Delhi (January, 2008) 4. “SAE 2012 India Mobility Conference” - Seventh International SAE Conference on Mobility, New Delhi (January, 2012)
Invited as Key Note speaker/Guest of Honour	<ul style="list-style-type: none"> • Invited by Michelin to deliver lecture to German Engineering students in the event of Challenge Bibendum- 2011, Berlin, Germany. • IIP in 2014
Institutional Development	<ol style="list-style-type: none"> I. Member Secretary, Bio-Safety Committee II. Member Secretary, Ethical Committee III. Coordinator UGC Visit for 12-B recognition IV. Coordinator, NBA Accreditation Visit V. Head, NTMICS (AICTE Project), Nodal Centre VI. Professor In-charge, Global Alumni Conclave, 2012 VII. Chairman of large number of committees VIII. SAE International Colligate Chapter was founded by the undersigned first time in India IX. Organized MACH (Industry Institute Interaction Program) every year since 1995 X. Faculty Advisor of many International Competitive Projects XI. Modified and updated the course curriculum XII. of IC Engines and Thermal Engineering

	XIII. Design of Curriculum of DTU
Academic & Professional activities outside University	<ul style="list-style-type: none"> I. Key Note Addresses in many conferences II. Session Chairman of National and International Conferences III. Reviewers of Journal Papers IV. Ph. D Examiner V. Project Monitoring Committee Member of DST and CSIR VI. Expert Lecture in National and International Conferences VII. Member of the Expert Committee of NTPC, NATRIP, BIS, IP University, ISM, NIT-Kurukshetra, YMCA, MNES, IUAC etc. etc. VIII. Expert Advisor for Recruitment for UPSC, CSIR and DRDO IX. Designed Curriculum for IGNOU and BTE X. Design of study materials for IGNOU

Publications

International Journals

1. **S. Maji**, M. Abraham, B.P. Pundir & S. Radzimirski “ Abnormal Combustion in a 2-Stroke Spark Ignited Methanol Engine”, SAE Transactions, Paper No. 880174, 1988.
2. **S. Maji**, M. Saxena, H. B. Mathur and S. D. Bhagat, “ Analysis of Total and Individual Hydrocarbon Components in the Exhaust and Inside the Cylinder of a 2-Stroke Engine”, SAE (SP-910) paper No. 920728, 1992.
3. B.R. Chadda, M. Gupta, **S. Maji** and S. Singhal “ Some Experimental Studies of Lubricants in a 2-Stroke Methanol Engine”, , Journal of Synthetic. Lubrication, U.K.-1992.
4. **S. Maji**, “Vehicular Pollution in Delhi and its Control in Line with Euro-Norms”, MAPAN- Journal of Metrology Society of India, Vol. XV, No. -1, January, 2000.
5. **S. Maji**, S. Ranjan and P. B. Sharma, “Comparison of Emissions and Fuel Consumption from CNG and Gasoline Fueled Vehicles- Effect of Ignition timing”, SAE Paper No. 2001-01-1432, 2000.
6. **S. Maji**, M.K.G. Babu, N. Gupta and P.B. Sharma, “A Single Cylinder Study of Power, Fuel Consumption and Exhaust Emissions with Ethanol”, SAE Paper No. 2001-28-0029, 2001.
7. Suresh Lal, Meenakshi Gupta, Kushari, J.C. Kapoor and **S. Maji**, “Performance of Internally Mixed Twin Fluid Mist Generator”, International Journal of Atomization and Spray, October, 2008.
8. Suresh Lal, Meenakshi Gupta, A. Kushari, J.C. Kapoor, **S. Maji**, “Modelling of Siphon Fed Externally Mixed Air Blast Atomizer”, International Journal of Atomization and Spray.
9. Amit Pal, **S. Maji**, O.P. Sharma and M.K.G. Babu, “Vehicular Emission Control Strategies for the Capital City of Delhi, India” SAE Paper no 2004-28-0051, 2004
10. **S. Maji**, P. B. Sharma and M.K.G. Babu, “A Comparative Study of Performance and Emission Characteristics of CNG and Gasoline on a Single Cylinder S. I. Engine”, SAE Paper no. 2004-28-0038, 2004
11. **S. Maji** and Himanshu Almadi, “ Optimization of the Aerodynamics Design of Super Mileage Vehicle”, SAE Paper no. 2007-01-0901, 2007
12. **S. Maji** and Himanshu Almadi, “Development of Aerodynamics of a Super Mileage Vehicle”, SAE Paper no. –SAE Paper no. – 2007-26-060, 2007.

13. Amit Pal, **S. Maji**, O.P. Sharma and M.K.G. Babu, "Vehicular Emissions: Estimation, Future Prediction and Control Strategies for the City of Delhi", International Journal of Applied Engineering Research Vol. 4, No.7,2009, pages 1391 – 1411.
14. Amit Pal, Ashish Verma, S.S. Kachhwaha and **S. Maji**, "Bio-Diesel Production Through Hydrodynamic Cavitation and Performance Testing in Compression Ignition Engines" Journal of Renewable Energy, Volume 35, No.3, Pages 619 – 624.
15. Manoj Soni, **S. Maji** and Snehanand, "Modelling an Above Knee Prosthesis- A kinematics Approach" International Journal of Vibroengineering, June 2010, Volume 12, Issue 2
16. Suresh Lal , A. Kushari, J.C Kapoor, **S.Maji**, "Suppression of Diffusion Flames in Cup Burner Apparatus", International Journals of Applied Engineering Research, ISSN, 0973-4562, Volume 4, Number 12 (2009), PP.2573-2586.
17. Suresh Lal, Meenakshi Gupta, A. Kushari, J.C.Kapoor and **S.Maji** , "Performance of Internally Mixed Twin Fluid Mist Generator", International Journals of Experimental Thermal and Fluid Sciences-Elsevier publication, accepted 15 March 2010.
18. Suresh Lal, A. Kushari, J.C.Kapoor and **S.Maji**, "Modelling of Siphon Fed Externally Mixed Air Blast Atomizer", International Journals of Dynamics of Fluids , ISSN 0973-1784, Volume 6, Number 1 (2010), pp.25-40.
19. Amit Pal, **S. Maji**, O.P.Sharma, "A case Study of Using CNG as a Transportation Fuel in Delhi", International Journals of Applied Environmental Sciences, ISSN 0973-607.
20. Amit Pal, S.S. Kachhawaha ,**S.Maji**& M.K.G. Babu, "Thumba (citrulluscolocyntis) seed oil: A sustainable source of renewable energy for Biodiesel Production", journal of Scientific and Industrial Research India.
21. Manoj Kumar, B.B. Arora, SubhashishMaji and **S. Maji**, "Effect of Inlet Swirl on the Flow Behavior Inside Annual Diffuser," International Journal of Dynamics of Fluids. Volume 7, Number 2(2011), pp181-188
22. Naveen Garg, Omkar Sharma &**S.Maji**, "Experimental investigations on sound insulation through single, double and triple window glazing for traffic noise abatement", Journal of Scientific and Industrial research, Vol.78, June 2011, pp.471-478.
23. Naveen Garg, Omkar Sharma &**S. Maji**, "Noise impact assessment of mass rapid transit systems in Delhi city", Indian Journal of Pure and applied Physics, Vol.49, April 2011, pp.257-262

24. Naveen Garg, Omkar Sharma & **S. Maji**, "Design considerations of building elements for traffic and aircraft noise abatement", Indian Journal of Pure and Applied Physics, Vol 49, July 2011, pp.437-450.
25. Naveen Kumar, Omkar Sharma A.K. Bandyopadhyay & **S. Maji** "Vibration induced in buildings due to acoustic excitation",
26. Manoj Kumar, B.B. Arora, Subhashish Maji and **S. Maji**, "Effect of Area Ratio and Inlet Swirl on the Performance of Annular Diffuser" International Journals of Applied Engineering Research, ISSN 0973-4562, Volume 7, Number 13 (2012) pp. 1493-1506
27. Manoj Kumar, B.B. Arora, Subhashis Maji. **S. Maji**, "Effect of inlet swirl on the flow behavior inside annular diffuser," International Journal of dynamics of fluid Volume 7, Number 2 (2011), pp. 181-188. ISSN 0973-1784
28. A. Arora, B.B. Arora, **S. Maji**, "Energy and exergy analysis of engine exhaust driven vapour absorption refrigeration system" SAE International Paper No. SAE 2012
29. Manoj Kumar, B.B. Arora, Subhashis Maji. **S. Maji**, "Effect of Equivalent Cone Angle on the Performance of Parallel Hub Diverging Casing Annular Diffuser," International Journal of Fluids Engineering. ISSN 0974-3138 Volume 4, Number 2 (2012), pp. 97-10
30. Manoj Kumar, B.B. Arora, Subhashis Maji. **S. Maji**, "Effect of Area ratio and inlet swirl on the Performance of Annular Diffuser," International Journal of Applied Engineering Research, Vol.7, No.13. (2012) pp. 1493-1506, ISSN 0973-4562.
31. Naveen Garg, Omkar Sharma, Vellur Mohanan & **Sagar Maji**, "Passive noise control measures for traffic noise abatement in Delhi, India", Journal of Scientific and Industrial Research, Vol. 71, March 2012, pp. 226-234. (Impact Factor- 0.587)
32. Naveen Garg, Omkar Sharma & **Sagar Maji**, Design Consideration for Enhancing Sound Insulation Characteristics of Window Glazing for Traffic Noise Abatement, Building Acoustics 19(2) 2012, 89-98. (Published by Multi Science Publishing, UK).
33. Naveen Garg, Anil Kumar and **Sagar Maji** Practical concerns associated with use of single number ratings in describing sound transmission loss properties of partition panels, Archives of Acoustics, Vol. 38, No. 1, 2013, 115-126 (Impact factor- 0.87).

National Journals

1. S. A. Krishnan, S. Maji, R. S. Meena, S. Babu and T. S. Datta, "Liquid Nitrogen Powered Prime mover", Indian journal of Cryogenics, ISSN 0379-0479, vol. 2, Feb. 2005.

Technical Reports

1. "Performance of 2-Stroke SI Engines/Vehicles with Methanol-Gasoline Blends", **S. Maji** and B. P. Pundir, Report No. EL 5084, Dec. 1985.
2. "Development of a 2-Stroke Methanol Engine", **S. Maji** and B. P. Pundir, Report No. EL 1685, July, 1985.
3. "Neat Methanol Application Small 2-Stroke Engines – Status Report", Mathew Abraham and **S. Maji**, Report No. EL – 4485, Nov. 1985.
4. "Performance of a 50cc Moped Engine using Neat Methanol as a Fuel", **S. Maji**, Mathew Abraham and B. P. Pundir, Report No. EL 10687, July 1987.
5. "Field Studies on 150cc Neat Methanol Scooter, J. Sharma, **S. Maji**, M. L. Sharma and Mathew Abraham, Report No. EL 10887, August 1987.
6. "Investigations of Abnormal Combustion in a 2-Stroke Spark Methanol Engine", **S. Maji**, Mathew Abraham and B. P. Pundir, Report NO. EL 12387, Sept. 1987.
7. "Comparison of Anti-Knock Performance of Gasoline, Methanol and Primary Reference Fuels in a 2-Stroke Engine", **S. Maji**, Mathew Abraham and B. P. Pundir, Report No. EL 12387, Sept. 1987.
8. "Conversion of Vijoy Super Scooter for Neat Methanol Application", J. Sharma, **S. Maji**, M. L. Sharma and Mathew Abraham, Report No. EL 15188, April 1988.
9. "Experimental Evaluation of Scavenging Flow Characteristics of Different Capacity Engine Cylinders on a Steady Flow Rig", **S. Maji** and M. Saxena, Report No. EL 286.90, June 1990.

International Conferences

1. **S. Maji**, B.P. Pundir, S. Radzimirski, " A Methanol Operated Small 2- Stroke SI Engine", VIII, International Symp. on Alcohol Fuels, Paris Oct. 19-23, 1986.
2. **S. Maji**, P.C. Nautiyal and S. Singhal " The Effect of Methanol Fuelling in 2-Stroke Engine Lubrication" M. Gupta, , VIII International; Symp on Alcohol Fuels, Paris, Oct. 19-23, 1986.
3. J. Sharma, **S. Maji**, M. Abraham and S. Singhal, "Field Performance of Two Stroke Engine Powered Scooters on Methanol Fuel", IX proc. International Symp. on Alcohol Fuels, Tokyo, Nov. 24-27, 1988.
4. **S. Maji**, Murgan Chandra Kumar P., "Finite Element analysis of Prime Components of an Internal Combustion Engine", proceedings of 14th ISME International Conference on

Mechanical Engineering in Knowledge Age, Delhi College of Engineering, 12-14 December 2005.

5. Suresh Lal, **S. Maji**, J.C. Kapoor, “Studies on Suspension of Diffusion Flame with Fine Mist in Modified Cup Burner Apparatus”, proceedings of 14th ISME International Conference on Mechanical Engineering in Knowledge Age, Delhi College of Engineering, 12-14 December 2005.
6. **S. Maji**, Dr. Samsher, “Supermileage Vehicle Project”, Team Endeavour,” proceedings of International Conference on Mechanical Engineering in Knowledge Age, Delhi College of Engineering, 12-14 December 2005.
7. V.N. Mathur, **S. Maji**, “Measurement of rspm Bounded Phenanthrene Path in the Ambient Air at a sensitive site in Delhi”, proceedings of 14th ISME International Conference on Mechanical Engineering in Knowledge Age, Delhi College of Engineering, 12-14 December 2005.
8. **S. Maji**, S. S. Kachhwaha, Jai Prakash, “Biodiesel as an Alternative Fuel in CI Engines: Performance and Emission Studies on a Single Cylinder Engine”, presented on March 8, 2006 at ISFL-2006.
9. Suresh Lal, A. Kushari, J. C. Kapoor, **S. Maji**, “Characterization of An Externally Mixed Air-Assisted Atomizer”, proceedings of ICLASS 2006, International Congress on Liquid Atomizer and Spraying System, Kyoto, Japan 27 August to 1 September 2006.
10. Amit Pal, **S. Maji**, O.P. Sharma & M.K.G. Babu “Incorporating Fuel Flexibility in C I Engines: an Innovative Approach to Improve the Economy And Environment”, Glogift-06’, An International Conference” on Management of Innovation, Technology transfer & Flexibility at Asian Institute of Technology, Bangkok, Thailand, December 20- 22, 2006.
11. Amit Pal, J.D. Sharma, **S. Maji**, O.P. Sharma, “Advantages and Limitations of CNG as Transportation Fuel in Delhi” presented at SIAM ‘TECHNIX-08” GLOBAL Automotive Conference held at IHC, Delhi, April 28-30, 2008.
12. Amit Pal, **S. Maji**, O. P. Sharma, “Optimizations of Vehicular Emissions in Delhi”, by Glogift-08, International Conference, held at Stevens Institute of Technology, Hoboken, NJ, USA, pp. 889-897, June 14-16, 2008.
13. Amit Pal, Sulabh Dhingra, R.S. Mishra, **S. Maji**, & M. K. G. Babu, “An Experimental Investigation of Ethanol-Gasoline blends in a SI Engine”, International Conference on Biofuels, Delhi Technological University, Delhi, Jan 18-19, 2010.
14. Amit Pal, S. S. Kachhwaha, **S. Maji**, P. B. Sharma, “Recent Developments in Biodiesel: Part I – Biodiesel Production Technology”, International Conference on Biofuels, Delhi Technological University, Delhi, Jan 18-19, 2010.

15. **S. Maji**, Nitesh Gupta, Siddharth Arora and Abhishek Agarwal, "Hydrogen Fuel : A Reality or a Mere Illusion" , Proceeding of the World Congress on Engineering and Computer Science 2007, San Francisco, USA

National Conferences

1. Mathew Abraham, S. K. Singhal, **S. Maji** and B.P. Pundir, "Methanol as a Fuel in Two Stroke Engines," Proc. national Workshop on Alternative Fuel for Spark Ignited Engines, Dehradun 19-20 Nov. 1984.
2. **S. Maji**, B.P. Pundir & S. Radzinski, "Methanol Fuelling of a Small 2-Stroke Spark Ignited Engine", Proc. of the IX National Conference on IC Engines & Combustion, Dehradun (India) 19-22, Nov. 1985.
3. **S. Maji**, Mathew Abraham & B. P. Pundir, "Some Experiences on the Operation of Scooter and Moped Engine using Methanol", Proc. of the X National Conference on IC Engines & Combustion, Rajkot (India) December 1987.
4. J. Sharma, **S. Maji**, M.L. Sharma & Mathew Abraham, "Field Trial of Neat Methanol Scooter", Proc. of the X national Conference on IC Engines & Combustion, Rajkot (India) December 1987
5. **S. Maji** and M. Gupta, "Cleanliness and Wear of a Methanol 2-Stroke Engine", Proceedings of the National Programme on Tribology: Industrial Problems & prospects, New Delhi, January 24-25, 1992.
6. **S. Maji**, P. B. Sharma "Compressed Natural Gas as Spark as Ignition Engine Fuel," , Proc. of Power India 1995, page 30, April 26-27, 1995, New Delhi.
7. **S. Maji** and P. B. Sharma, "Reduction in Emission Levels Using Compressed natural Gas in Spark Ignition Engines", National Conference on Modernization of Automobile industry with its impact on Environment, New Delhi, 19-20, 1996.
8. **S. Maji**, M.K.G. Babu and P.B. Sharma, "Performance and Emission Characteristics of Ethanol-Gasoline Blends in a Single Cylinder Spark ignition Engine", XVIIth National Conf. on IC Engines & Combustion, Surat, Dec. 18-20, 2001.
9. **S. Maji**, M.K.G. Babu and P. B. Sharma "Fuel Injection of 2-Stroke SI Engines: An Approach to improve Fuel Consumption and Hydrocarbon Emissions", X ISME Conference on Mechanical Engineering, New Delhi, Dec. 9-11, 1996.

10. **S. Maji** & P. B. Sharma, “ Education in Automobile Engineering and Requirements of Automobile Engineers in India”, proceedings of National Seminar on Technical Manpower Development and Utilization, Rourkela, April 15-16, 2004.
11. **S. Maji** & P. B. Sharma, “Growth of Technical Education in Delhi and a Comparison of Present Facilities with Other Metros in India”, proceedings of National Seminar on Technical Manpower Development and Utilization, Rourkela, April 15-16, 2004.
12. **S. Maji**, “State-of –Art Report on Technical Education in the State of Haryana”, proceedings of National Seminar on Technical Manpower Development and Utilization, Rourkela, April 15-16, 2004.
13. **S. Maji** & P. B. Sharma, “Perspective Technical Education in NCT of Delhi in the Context of a Dynamic Globalized Environment”, proceedings of National Seminar on Technical Manpower Planning in India Issues and Concerns, September 5-7, 2004, Hyderabad
14. **S. Maji**, S. S. Kachhwa, Jai Prakash, “Performance and Emission Studies on a Single Cylinder Biodiesel Engine”, proceedings on National Conference on Environmental Pollution Control for Sustainable Development on 27th-28th March, 2006.
15. Amit pal, **S. Maji**, O.P.Sharma, “Impact of CNG on Delhi’s Vehicular Pollution” National Seminar on ‘The Status of Vehicular Pollution in Delhi after the Court’s Directions – An Assessment’, organized at Delhi College of Engineering, Delhi, Feb 25, 2008.
16. Amit Pal, S. S. Kachhwaha, **S. Maji**, “Advanced Techniques for Biodiesel Production and Engine Performance Testing”, presented and published at National Conference on Energy Management at Engineering College, Bikaner, Rajasthan, November, 20-21, 2009, pp 28-37.