

INVITED LECTURES ON RESEARCH TOPICS (U.S.A.)

1. Mrs. S. K. Pandey, "Investigations on the Use of Fuel Blends in I.C. Engines", Invited Lecture delivered to the Graduate Students and Faculty, Department of Mechanical Engineering, University of Texas at Austin, U.S.A., Aug. 13, 1991.
2. Mrs. S. K. Pandey, "Two Phase Flow and Heat Transfer", Invited Lecture delivered to the students and Faculty, in the Department of Mechanical Engineering University of Texas at Arlington, U.S.A., Aug.22, 1991.
3. Mrs. S. K. Pandey, "Design Aspects of Solar Cookers", Invited Lecture delivered at Wind farm and Solar Energy Museum Inc., Vineyard Haven, Massachusetts, U.S.A., Aug.30, 1991.

INVITED LECTURES ON RESEARCH TOPICS (INDIA)

1. **Mrs. S. K. Pandey**, "Magnetohydrodynamic Power Generation System and Environment", Invited Lecture delivered to the Students and Faculty, organised by the Indian Society for Technical Education Chapter at Mookambigai College of Engineering, Keeranur Dist.Pudukottai, Oct.21,1991.
2. **Mrs. S. K. Pandey** "Energy and the Environment: A Continuing Partnership", Invited Lecture delivered to the Students and Faculty, organised by the Indian Society for Technical Education Chapter at Regional Engineering College, Tiruchirappalli, Oct.9, 1991.
3. **Mrs. S. K. Pandey**, "A Novel Approach to Reduce Vehicular Emissions", Mookambigai College of Engineering, Keeranur, Dist. , Pudukottai, A brief .report was published by the HINDU dt Feb.17,1997
4. **Mrs. S. K. Pandey**, "Energy Conservation in Process Industries", Invited lecture delivered to the Students and Faculty, organised by the Society for Advancement of Electrochemical Science and Technology at Central Electrochemical Research Institute, Karaikudi, Nov.6,1998
5. **Mrs. S. K. Pandey**, "Development of Cryogenic Materials for 21st Century", Keynote Address delivered to the Students and Faculty at National Level Symposium, CRYO'99, organised by Jeyaram College of Engineering & Technology, Tiruchirappalli – 621 014, Sept. 10,1999.
6. **Mrs. S. K. Pandey**, "Effect of Water-oil Emulsions on Air Pollutant Emissions and Efficiency of Diesel Engine", Expert guest faculty lectures delivered for the short-term course "*Recent Developments in Automotive Vehicle Design*", organised by Dept. of Automobile Engineering, P.E.S. College of Engg., Mandya, Karnataka, Sept. 30,1999

7. **Mrs. S. K. Pandey**, “Chemical Engineering – Challenges in 21st century”, key-note address delivered to the Students and Faculty at National Level Symposium, FACE – 2000, conducted by the Department of Chemical Engineering, Adhiyamaan College of Engineering, Hosur – 635 109, Tamilnadu, Sept. 15, 2000.
8. **Mrs. S. K. Pandey**, “Pollution Control and Management”, Keynote address delivered at International Workshop on Environment and Energy, Organised by Periyar Maniammai College of Technology for Woman, Vallam, Dist. Thanjavur, Nov. 2, 2001.
9. **Mrs. S. K. Pandey**, “ Developments in Chemical Engineering – A Futuristic Approach” , Invited Keynote address delivered at National Level Technical Symposium, Zealiche’ 2002-03 at Erode Sengunthar Engineering College, Thudupathi, Erode-638 057, Sept.5, 2002
10. **Mrs. S. K. Pandey**, “Computational Fluid Dynamics (CFD) and its Applications in Agitated Reactors” Invited Key-note address to be delivered in National Conference on “Emerging Trends in Engineering, Technology and Management”, organised by ISTE Chapter, Adhiyamaan Engineering College, Hosur – 635 109, during September 8 – 9, 2003.
11. **Mrs. S. K. Pandey**, “ Food Processing Industries-Current Scenario in J & K”, Invited Keynote address delivered at Valedictory function of the EDP on Food Processing Industries in Jammu and Kashmir organised by J & K Entrepreneurship Development Institute in Collaboration with PHD Chamber of Commerce and Industry, New Delhi at IMPA Complex, M.A. Road, Srinagar-190 001, Mar.20, 2004.