

**PUBLICATIONS/ INVITATIONS IN NATIONAL /INTERNATIONAL  
CONFERENCES AND PATENTS**

**PAPERS:**

- INDO-CZECH TEXTILE RESEARCH CONFERENCE ON "ADVANCES IN TEXTILE PRODUCT, PROCESS & MACHINERY ENGINEERING," 28 & 29<sup>TH</sup> NOVEMBER 2003, HELD AT KUMARA GURU COLLEGE OF TECHNOLOGY COIMBATORE, *"APPAREL PRACTICES INFLUENCING FLAMMABILITY OF COTTON, POLYESTER & POLYESTER COTTON BLEND FABRICS"*
- INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE TEXTILES AND APPERALS, KCT COIMBATORE 7<sup>TH</sup>, 8<sup>TH</sup> & 9<sup>TH</sup> JULY 2004, *"DETERMINATION OF HAZARD POTENTIAL OF HIGH PERFORMANCE APPERALS"*.
- PAPER SELECTED AT 1<sup>ST</sup> INTERNATIONAL CONFERENCE ON COMPLEX MEDICAL ENGINEERING, TAKAMATKSU, JAPAN, *"A NUMERICAL SIMULATION OF BIO-HEAT TRANSFER PROCESS FOR PREDICTION OF BURN INJURY DUE TO BURNING TEXTILES"*
- PAPER SELECTED AT 2005 INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERINGTECHNIQUES IN MEDICINE AND BIOLOGICAL SCIENCES (METMBS '05) JUNE 20 - 23, 2005,MONTE CARLO RESORT, LAS VEGAS, NEVADA, USA,"*A THREE DIMENSIONAL NUMERICAL SIMULATION OF BIO-HEAT TRANSFER PROCESS FOR PREDICTION OF HUMAN SKIN BURN INJURY DUE TO BURNING OF CLOTHINGS: INDIAN WARE"*
- PAPER SELECTED AT, 5TH WORLD TEXTILE CONFERENCE AUTEX 2005 ... FACULTY OF MECHANICAL ENGINEERING AND TEXTILE DEPARTMENT, PORTOROŽ, SLOVENIA, 27-29 JUNE 2005, *A NUMERICAL SIMULATION OF BIO-HEAT TRANSFER PROCESS FOR PREDICTION OF BURN INJURY DUE TO BURNING TEXTILES*

**PATENTS:**

- *TESTING PROCEDURE FOR DETERMINATION OF HAZARD POTENTIAL DUE TO BURNING OF SAREE*, PATENT FILED FOR GRANT OF INDIAN PATENTTO CONTROLLER OF PATENTS, MUMBAI OFFICE.INDIA. (FILED)