

JODH SINGH

Designation: Assistant Professor, Room No. 309,
Top Floor, Dr. SSB UICET, Punjab University, Chandigarh



E-mail : jodhsingh@pu.ac.in, jodhme@gmail.com phone: 9872336133 (M)

Area of Specialization: Mechanical Engineering

List of best publications:

- a) Review Paper on Artificial Intelligence, page: 8 to 11 (EAN: 8903072071843)
- b) Experimental Approach to the Micro study of MIG welded Aluminium Alloy plates, page : 368 to 373 (EAN: 8903072071843)
- c) Study of Effects of Primary welding Parameters on the Mechanical strength – An Experimental Approach, page: 92 to 96 (ISBN: 978-81-920913-8-9)
- d) Experimentation Investigations of Mechanical Properties of MIG Weldment of Aluminium Alloy Plates, Journal of Engineering and Technology, volno. 1, Issue-2 July-Dec- 2011, page: 100 to 106 (ISSN: 0976-8580)
- e) Book entitled “Welding of Aluminium- An Experimental Approach” ISBN: 978-3-659-43646-8

Highlight of Research work: My research area is welding. American Welding Society (AWS) has defined the welding process as a “materials joining process which produces coalescence of materials by heating them to suitable temperatures with or without the application of pressure or by the application of pressure alone and with or without the use of filler material.” Initially welding was only carried out by blacksmiths to make ornaments by carrying out such melting and joining processes. Today it has gone through a complete evolution and plays a major role in every part of life. With the advancements in this area new methods are being added day by day. Welding is classified broadly in two types i.e. pressure welding and fusion welding. I am doing some investigations in the field of fusion welding. Keeping in view the increasing use of Aluminium in automotive or aerospace industries due to its various physio thermal properties, it is taken as base metal.