

 <p>Mr. VIKAS SHARMA</p>	<p>Vikas Sharma Assistant Professor (Mechanical Engineering) & Associate Dean of R&D Technical Manager AARTC (NABL Accredited) Anand Engineering college, Keetham, Agra Contact: +91-9456048600 Email: Vikas.sharma@sgei.org</p>
<p>Qualification</p>	<p>: M. Tech. (Production engineering) B.Tech. (Mechanical Engineering)</p>
<p>Department</p>	<p>: Mechanical Engineering</p>
<p>Experience (Academics/Industry/Research)</p>	<p>: 16 +Years</p>
<p>Research Interest</p>	<p>: Friction stir welding, Diesel Engine Testing, desiccant cooling systems</p>
<p>M.Tech./ B, tech project Supervised</p>	<p>: 40+</p>
<p>Membership</p>	<p>Life time membership of Indian Society for technical education (ISTE membership no. LM-70388)</p>
<p>Patent Registered</p>	<p>: Chip cooling system in Federal republic of Germany, IPC- G06F1/20</p>
<p>Awards</p>	<p>: University topper (M.Tech.) (Gold medallist)</p>
<p>Research Publication</p>	

- *Effect of post weld heat treatment on mechanical and microstructural properties of friction stir welded Al alloy AA- 6101, International journal (Materialstoday proceedings) Science Direct Elsevier ,*
- *Mechanical and Microstructural Characterization of Friction Stir Welded Al-Si-Mg Alloy, International conference proceedings held at IIT Guwahati AIMTDR-2014(page no. 475-1to 475-6)*
- *Study of thermal properties of babool wood and its polyacrylonitrile composites, Internationalconference (EVME-2011) proceedings held at AnandEngineering college, Agra, (Page no. 386-390)*
- *M. Arif, Mausam K., Sharma V. and G. Somya. 2009. "Study of Green Chemicals and their Impact on Environment". National conference on Advancement in Mechanical Engineering (AME-2009) held at GLA institute of management and technology, Mathura.*
- *International Conference (IOCSE 2020) SSRN| © IOCSE 2020 February 27-29, 2020, RBSETC, AGRA, INDIA*
- *Silica Gel based Desiccant cooling system for Hot - Humid Environment in Residential Buildings Manoj Kumar Kushwaha, Aman Sachdeva, Vikas Sharma, Shankar Verma, Rajendra Yadav*
- *Efficient Solar Powered Cooling System for Greenhouses in India Aman Sachdeva, Vikas Sharma, Manoj Kumar Kushwaha, S. K. Singh, Mohd. Arif.*
- *Cost Effective and Environment Friendly Methodology for Air Conditioning in Hot and Humid Climates Vikas Sharma, Aman Sachdeva, Manoj Kumar Kushwaha, R.P. Sinha*

Department level responsibilities:

- *Industrial visit coordinator (2012- till now)*
- *Member departmental cleanliness committee*
- *Technical Manager in Anand advance research and testing center*
- *In charge CAD/CAM lab*
- *In charge Refrigeration and air conditioning lab*

Students related responsibilities:

- *Class counselor of fourth year students*
- *In charge (2014) spoken tutorial (Initiative from IIT, Bombay)*

Courses Taught:

- *Internal Combustion Engines*
- *Thermodynamics*
- *Unconventional manufacturing process*
- *Non Conventional Energy Resources*
- *Refrigeration and air-conditioning*
- *Casting and welding technology*
- *Computer aided design*
- *Basic manufacturing processes*
- *Advance welding techniques*
- *Basic mechanical engineering*

Trainings and Workshops & Conferences:

- *Management development programme Leadership in management at IIM Lucknow, 2018*
- *FDP on energy at IIT Kanpur, 2018*
- *conference (AIMTDR 2014) held at IIT, Guwahati (13- 15 December, 2014)*
- *Attended a AICTE sponsored short term training program (Advances in refrigeration, Air-conditioning & Cryogenics) held at AEC, Agra (31 March- 6 April, 2014)*
- *Attended a national conference EVME-2011 held at AEC, Agra (4-5 April, 2011)*
- *Workshop on Faculty development by CLHRD “FEEL TEACHER” a learning and development intervention workshop (21-23 January, 2010)*
- *Workshop on Engineering Drawing using CAD and Elements of Mat Lab held at GLAITM, Mathura (10-11 October, 2009)*
- *Faculty development program “Effective teaching skills & personality development” held at AEC, Agra (18-19 July, 2009)*
- *Interactive workshop on Engineering mechanics held at AEC, Agra (08 -13 August, 2008)*
- *Attended and qualify FDP (Faculty Development Program) held at Sharda university, 2007*