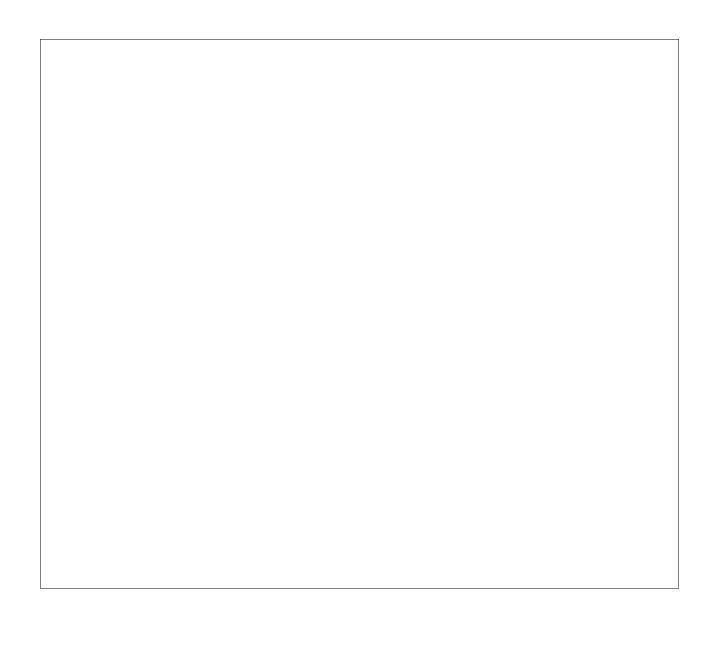


Vikas Sharma

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

Qualification		M. Tech. (Production engineering) B.Tech. (Mechanical Engineering)
Department	:	Mechanical Engineering
Experience (Academics/Industry/Research)	:	16 +Years
Research Interest	:	Friction stir welding, Diesel Engine Testing, desiccant cooling systems
M.Tech./ B, tech project Supervised	:	40+
Membership		Life time membership of Indian Society for technical education (ISTE membership no. LM-70388)
Patent Registered	:	Chip cooling system in Federal republic of Germany, IPC- G06F1/20
Awards	:	University topper (M.Tech.) (Gold medallist)
Research Publication		



- ➤ Effect of post weld heat treatment on mechanical and microstructural properties of friction stir weldedAl 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 polyacrylonitrite composites,

 International conference (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-6April, 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