

	<p><b>KAPIL GUPTA</b>  Associate Professor  Hindustan College of Science and Technology  Mathura-281122  Contact: +91-9997010165  Email: kapil.gupta.hcst@sgei.org</p>
<b>Qualification</b>	: Ph.D (Pursuing) , M.Tech. (Engineering System) , B.E. (Mechanical)
<b>Department</b>	: Mechanical
<b>Experience</b> (Academics/Industry/Research)	: > 24Years
<b>Research Interest</b>	: CNC, Additive Manufacturing, Investment Management
<b>B. Tech Dissertation supervised</b>	: >35
<b>Sponsored Research Project / Consultancy</b>	: NIL
<b>Research Publications</b>	:
<b>Journals: 04</b>	
<ol style="list-style-type: none"> <li>1) Kapil Gupta, Rahul Chhibber, B.K. Dutta , “Structural health monitoring of bimetallic welds at elevated temperature”, , Proceeding of 21st International Conference on Structural Mechanics in Reactor Technology (SMiRT 21), New Delhi, , 2011,pp.2581-2589</li> <li>2) Kapil Gupta, Rahul Chhibber “Structural Integrity of Bimetallic weld at elevated temperature” in International Journal of Mechanical Engineering and Technology., Volume 3, Issue 1, January- April (2012), pp. 235-243.</li> <li>3) Rishabh Nigam, Rashi Goyal, Kapil Gupta, “Optimization of the weld shape in Laser beam welding of Steel 1018”, International Research Journal of Engineering and Technology , Volume 7 Issue 5 ,2020, pp 2286-2290</li> <li>4) R.Prasad, Gupta K, Poras A &amp; Agarwal S ,”Microstructure And Phase Analysis Of Indurated Iron Ore Pallet”, Materials today Proceeding ,Volume 26, Part 2, 2020, Pages 2636-2642</li> </ol>	
<b>Conference: 01</b>	
<ol style="list-style-type: none"> <li>1) Kapil Gupta, Rahul Chhibber, “Mechanical Properties of Bimetallic Weld” in the Proceeding of National Conference on Emerging Vistas of Mechanical engineering (EVME-2011) held on 04-05 April, 2011 at Anand Engineering College, Agra.</li> </ol>	

<b>Patents:NIL</b>		
<b>Book / Book Chapter</b>	:	<b>NIL</b>
<b>MOOC Courses/Certifications</b>		04
<ol style="list-style-type: none"> <li>1) Successfully passed the Four Week NPTEL Online certification exam on Inspection and Quality Control in Manufacturing during February –March 2020</li> <li>2) Successfully cleared the Twelve Week NPTEL Online certification exam on Introduction to Industry 4.0 and Internet of things during January –April, 2020</li> <li>3) Successfully cleared the Eight Week NPTEL Online certification exam on Accreditation and Outcome Based Learning during August –October, 2022</li> <li>4) Successfully passed the Eight Week NPTEL Online certification exam on Investment Management during February –April 2023</li> </ol>		
<b>Workshops/Training (Organized / Attended)</b>		<b>10</b>
<ol style="list-style-type: none"> <li>1) Attended a workshop organized by HIMCS (Mathura) on “Change the mindset for Better Productivity” at Agra from 8 th to 9 th February, 2002.</li> <li>2) Participated in Teaching Learning workshop organized by U.P. Technical University on “Product Development and Design” at BBDITM, Lucknow from 6th to 8th September, 2002</li> <li>3) Attended a five days short term course on CNC Programming at NITTTR, Chandigarh from 15 May, 2006 to 19 May, 2006</li> <li>4) Attended Indo-Japan Seminar on Nanomaterials for technology Development organized by Hindustan college of Science and Technology, Mathura on 28th October, 2010</li> <li>5) Attended a Short term training Program on Mesh free Modeling at Indian Institute of Technology, Roorkee from 23 May, 2011 to 27 May, 2011.</li> <li>6) Attended a Short term Program on Advances in Material Characterization Techniques at Indian Institute of Technology, Roorkee from 30 May, 2016 to 03 June, 2016.</li> <li>7) Participated in 10th All India Students Conference on Science And Spiritual quest (AISSQ) 2016 organized by Bhaktivednta Institute , Kolkata from October 8, 2016 to October 9, 2016 at Mathura</li> <li>8) Attended a Short term training Program on Finite Element Methods for Engineering Application at Indian Institute of Technology, Roorkee from 12 June, 2017 to 16 June, 2017.</li> <li>9) Successfully Completed the Management Development Program on Managing Workplace Relationship for organizational Effectiveness organized by Hindustan</li> </ol>		

Institute of Management & Computer Science, Farah, Mathura on 7 -8 February 2020

10) Successfully completed the Short Term course on Application of Additive Manufacturing using Medical Image processing conducted at Indian Institute of Information Technology, Jabalpur during March 7-11, 2020.

**FDP**

**(Organized / Attended)**

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- 1) Co-Organized a one week Faculty Development Program on “Computer Aided Design” at Hindustan College of Science & technology, Farah, Mathura from 08 August 2005 to 14 August 2005.
- 2) Co-Organized a National Conference on “Recent trends in Manufacturing” in the college from 24 January 2007 to 25 January 2007.
- 3) Attended a Two weeks Faculty Development Program on Entrepreneurship, organized by Institute of Entrepreneurship Development, Lucknow, Uttar Pradesh at Agra from April 06, 2007 to April 20, 2007.
- 4) Attended a 3 days Faculty Development Program on Effective Teaching at Babu Mohan Lal Arya Smarak Engineering College, Agra from January 08, 2008 to January 10, 2008.
- 5) Co organize a National Conference on Recent Advances in Mechanical Engineering (RAME) 2012 organized by Hindustan College of Science & Technology, Mathura on June 08-09, 2012.
- 6) Attended one week Faculty Development Program on Natural Language Processing sponsored by AKTU, Lucknow from July 25, 2017 to July 29, 2017.
- 7) Attended a Faculty Development Program on Entrepreneurship sponsored by Department of Science and Technology, New Delhi and organized by Institute of Entrepreneurship Development, U.P. from 31/07/2017 to 13/08/2017.
- 8) Attended one day Faculty Development Program on Capacity Building in Academia for implementing ODOP scheme organized by U.P.Institute of Design , Noida on January 25, 2020
- 9) Attended one week Faculty Development Program on Energy Conversion technology, sponsored by AICTE-ISTE and organized by Hindustan college of Science & Technology, Mathura from 03-08 December, 2018.
- 10) Attended Eight days Faculty Development Program on Universal Human Values and Professional Ethics organized by TEQIP-III and conducted by Value Education cell , AKTU Lucknow at HCST, Mathura from 28 May, 2018 to 04 June, 2018
- 11) Attended one week Faculty Development Program on Renewal Energy Technologies sponsored by Dr.APJ Abdul Kalam Technical University, Lucknow and organized by Hindustan college of Science & Technology, Mathura from 04-09 June, 2018.

- 12) Attended one week Faculty Development Program on Environment Management and Smart Cities sponsored by Dr.APJ Abdul Kalam Technical University, Lucknow and organized by Hindustan college of Science & Technology, Mathura from June 09-13, 2018.
- 13) Attended Four days Faculty Development Program on Universal Human Values and Professional Ethics organized by TEQIP-III and conducted by Value Education cell, AKTU Lucknow at IIT, Kanpur from 18 January, 2018 to 21 January, 2018.
- 14) Attended Eight days Faculty Development Program on Universal Human Values and Professional Ethics organized by TEQIP-III and conducted by Value Education cell, AKTU Lucknow at HCST, Mathura from 21 December, 2018 to 28 December, 2018.
- 15) Attended Five days Faculty Development Program organized by AICTE's Training and Learning (ATAL) Academy on Internet of Things (IoT) from 5/10/2020 -09/10/2020.
- 16) Attended Five days Faculty Development Program organized by AICTE's Training and Learning (ATAL) Academy on Internet of Things (IoT) from 01/12/2020 -05/12/2020.
- 17) Attended Five days Faculty Development Program organized by AICTE's Training and Learning (ATAL) Academy on Sensor Technology from 22/02/2021-26/02/2021.
- 18) Attended Five days Faculty Development Program organized by AICTE's Training and Learning (ATAL) Academy on 3D Printings from 23/11/2020-27/11/2020.
- 19) Attended Five days Faculty Development Program organized by AICTE's Training and Learning (ATAL) Academy on Industry 4.0 from 05/07/2021-09/07/2021.
- 20) Attended Five days Faculty Development Program organized by AICTE's Training and Learning (ATAL) Academy on Electric Vehicle from 26/07/2021-30/07/2021.
- 21) Attended Five days Faculty Development Program on 3D printing & Additive Manufacturing conducted in Association with ISTE-Kerala Section at Musaliar College of Engineering and Technology, Pathananamthita, Kerala from 18-22 April 2022
- 22) Attended NPTEL-AICTE sponsored Eight weeks Faculty Development Program on Accreditation and Outcome based Education during August-October 2022.
- 23) Attended Eight Week NPTEL-AICTE sponsored Online Faculty Development Program on Investment Management during February –April 2023.

#### **Achievements**

<b>Award</b>	:	Shikhash Samman given by AKTU, Lucknow for Founder's Faculty Members of AKTU in 2018
<b>Membership of Professional Bodies</b>		<ol style="list-style-type: none"> <li>1) Indian Society of Technical Education (ISTE)</li> <li>2) International Association of Engineers (IAENG)</li> <li>3) Universal Association of Mechanical and Aeronautical Engineers (UAMAE)</li> </ol>