

CURRICULUM VITAE

Dr. Din Bandhu

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Permanent Address:

S/O Anil Kumar

Village-Post Office: Sohagpur, Via: Hathua

Gopalganj-841436, Bihar, INDIA



Present Address:

275, 11th Cross, 1st Phase

Jeewan Sathi Colony, J. P. Nagar

Bangalore-560078, Karnataka, INDIA

PERSONAL INFORMATION

Date of Birth: 5th November 1989

Father's Name: Anil Kumar

Gender: Male

Nationality: Indian

Marital Status: Married

Languages Known: English, Hindi, Telugu, Punjabi, and Bhojpuri

Hobbies: Fitness Freak, Sports Activities (Volleyball, Cricket, Football), Singing, Social Service

CV HIGHLIGHTS

Ph.D. Thesis: Experimental Investigation and Parametric Optimization of Regulated Metal Deposition Welding for Low Alloy Steel (defended on October 26, 2021)

Total Publications: 35 **SCI/SCIE/ESCI:** 10 **Scopus:** 16 **Book:** 01 **Others:** 08

Google Scholar Link: [Dinbandhu G-Scholar](#) h-index: 7 i10-index: 6

ResearchGate Link: [Dinbandhu RGate](#) h-index: 7

EDUCATIONAL QUALIFICATIONS

Degree	Board/ University	Duration	Academic Institution	Percentage/CGPA Obtained
Ph. D. (Mechanical & Aerospace Engineering)	IITRAM, Ahmedabad (An Autonomous University, Established by Govt. of Gujarat)	2018-2021	IITRAM, Ahmedabad	Thesis defended on 26/10/2021
M. Tech. (Tool Engineering)	Visvesvaraya Technological University, (VTU), Belgaum, Karnataka	2009-2011	R.V. College of Engineering, (RVCE) Bangalore, Karnataka	72.50
B. Tech. (Mechanical Engineering)	Sri Krishnadevaraya University, (SKU), Anantapur, Andhra Pradesh	2005-2009	G. Pulla Reddy Engineering College, (GPREC), Kurnool, Andhra Pradesh	63.63
AISSCE	Central Board of Secondary Education, (CBSE), New Delhi	2004-2005	Gita Niketan Awasiya Vidyalaya, (GNAV), Kurukshetra, Haryana	62.40
AISSC	Central Board of Secondary Education, (CBSE), New Delhi	2002-2003	Gita Niketan Awasiya Vidyalaya, (GNAV), Kurukshetra, Haryana	73.80

EMPLOYMENT EXPERIENCE

Organization	Period		Duration in Months	Designation
	From	To		
Vidya Vihar Institute of Technology, Purnea-854301, Bihar	November 2021	April 2022	06 Months	Guest Professor (Mechanical Engineering)
IIT RAM, Ahmedabad	August 2018	October 2021	38 Months	Teaching Assistant (Manufacturing Science & Workshop)
Pre-Ph.D. Employment Record and Experience (Total Experience: 82 Months)				
Vidya Vihar Institute of Technology, Purnea-854301, Bihar	March 2018	August 2018	06 Months	Assistant Professor (Mechanical Engineering)
Atmiya Institute of Technology & Science, Rajkot-360005, Gujarat	September 2016	March 2018	18 Months	Assistant Professor (Mechanical Engineering)
G. Pulla Reddy Engineering College (Autonomous), Kurnool-518007, Andhra Pradesh	July 2015	July 2016	12 Months	Assistant Professor (Mechanical Engineering)
Vidya Vihar Institute of Technology, Purnea-854301, Bihar	July 2012	July 2015	36 Months	Assistant Professor (Mechanical Engineering)
Al-Habeeb College of Engineering & Technology, Hyderabad-501503, Andhra Pradesh	September 2011	April 2012	08 Months	Assistant Professor (Mechanical Engineering)

TEACHING

Teaching Interest: Material Science; Manufacturing Processes; Composite Materials

Courses Handled	
Undergraduate (UG) Level	Postgraduate (PG) Level
<ul style="list-style-type: none">• Elements of Mechanical Engineering• Material Science & Metallurgy• Metal Cutting & Machine Tools• Engineering Mechanics• Computer-aided Design and Manufacturing• Material Handling Systems• Manufacturing Science and Workshop	<ul style="list-style-type: none">• Composite Materials• Research Methodology

Courses Designed:

- ✓ Computer-aided Design & Manufacturing (CAD/CAM) for Final-year B. Tech students at GPREC, Kurnool (2015)
- ✓ Elements of Mechanical Engineering (EME) for First-year B. Tech students at VVIT, Purnea (2012)
- ✓ Engineering Workshop for First-year B. Tech students at VVIT, Purnea (2012)

Laboratory In-charge:

- ✓ In-charge of Engineering Workshop Laboratory at GPREC, Kurnool (2015-2016)
- ✓ In-charge of Engineering Workshop Laboratory at VVIT, Purnea (2012-2015)
- ✓ In-charge of Engineering Workshop Laboratory at AHCET, Chevella (2011-2012)

Laboratory Development:

- ✓ Member in developing the Elements of Mechanical Engineering (EME) Laboratory at VVIT, Purnea (2012)
- ✓ Assistant in developing Metrology Lab at IIT RAM, Ahmedabad (2019)

Exposure as Evaluator in University Examinations:

- ✓ Evaluated the copies of Elements of Mechanical Engineering, and Production Technology for GTU, Ahmedabad, Gujarat (2016-2018)
- ✓ Evaluated the copies of CAD/CAM, for JNTU, Anantapur, Andhra Pradesh (2015-2016)
- ✓ Evaluated the copies of CAD/CAM, Elements of Mechanical Engineering, and Material Science for AKU, Patna, Bihar (2012-2015)

RESEARCH

Ph.D. Thesis: Experimental Investigation and Parametric Optimization of Regulated Metal Deposition Welding for Low Alloy Steel

Software & Technical Skills: MS-Office, Minitab, Systat 7, Optical Microscopy, Scanning Electron Microscopy, Tensile Testing, Impact Testing, Hardness Testing, Hand layup technique

Areas of Research: Advanced Welding Techniques, Welding Performance Optimization, Machining Performance Optimization, Composite Materials, Mechanical, and Metallurgical Characterization

SCI/SCIE/ESCI Journals (Published):

1. **Din Bandhu**, Jay J. Vora, Subhash Das, Kumar Abhishek, Ashish Thakur, Soni Kumari, M. Nagaphani Sastry, Experimental Study on Application of Gas Metal Arc Welding based Regulated Metal Deposition Technique for Low Alloy Steel, Materials and Manufacturing Processes 37 (2022) 1-19. <https://doi.org/10.1080/10426914.2022.2049298> (SCI/E, I.F.= 4.6)
2. Soni Kumari, Bhavdeep Nakum, **Din Bandhu**, Kumar Abhishek, Multi-attribute Group Decision-making (MAGDM) using Fuzzy Linguistic Modeling Integrated with the VIKOR Method for Car Purchasing Model, International Journal of Decision Support System Technology (IJDSST), 14 (4), (2022). <http://doi.org/10.4018/IJDSST.286185> (ESCI)
3. Kishan Zadafiya, **Din Bandhu**, Soni Kumari, Suman Chatterjee, Kumar Abhishek, Recent trends in drilling of carbon fiber reinforced polymers (CFRPs): A state-of-the-art review, Journal of Manufacturing Processes. 69 (2021) 47–68. <https://doi.org/10.1016/J.JMAPRO.2021.07.029>. (SCI/E, I.F.= 5.0)
4. **Din Bandhu**, Kumar Abhishek, Assessment of weld bead geometry in modified shortcircuiting gas metal arc welding process for low alloy steel, Materials and Manufacturing Processes. (2021) 1–19. <https://doi.org/10.1080/10426914.2021.1906897>. (SCI/E, I.F.= 4.6)
5. Kishan Zadafiya, **Dinbandhu**, Soni Kumari, Suman Chattarjee, Kumar Abhishek, Recent trends in non-traditional machining of shape memory alloys (SMAs): A review, CIRP Journal of Manufacturing Science and Technology. 32 (2021) 217–227. <https://doi.org/10.1016/j.cirpj.2021.01.003>. (SCI/E, I.F.= 3.6)
6. Dharmagna R. Tripathi, Krupang H. Vachhani, **Din Bandhu**, Soni Kumari, V.Rakesh Kumar, Kumar Abhishek, Experimental investigation and optimization of abrasive waterjet machining

parameters for GFRP composites using metaphor-less algorithms, Materials and Manufacturing Processes. 36 (2021) 803–813.

<https://doi.org/10.1080/10426914.2020.1866193>. (SCI/E, I.F.= 4.6)

7. **Din Bandhu**, Soni Kumari, Vishalkumar Prajapati, Kuldeep K. Saxena, Kumar Abhishek, Experimental investigation and optimization of RMDTM welding parameters for ASTM A387 grade 11 steel, Materials and Manufacturing Processes. (2020). <https://doi.org/10.1080/10426914.2020.1854472>. (SCI/E, I.F.= 4.6)
8. Vishalkumar Prajapati, **Dinbandhu**, Jay J. Vora, Subhash Das, Kumar Abhishek, Study of parametric influence and welding performance optimization during regulated metal deposition (RMDTM) using grey integrated with fuzzy taguchi approach, Journal of Manufacturing Processes. 54 (2020) 286–300. <https://doi.org/10.1016/j.jmapro.2020.03.017>. (SCI/E, I.F.= 5.0)
9. **Dinbandhu**, Vishalkumar. Prajapati, Jay J. Vora, Subhash Das, Kumar Abhishek, Experimental studies of Regulated Metal Deposition (RMDTM) on ASTM A387 (11) steel: study of parametric influence and welding performance optimization, Journal of the Brazilian Society of Mechanical Sciences and Engineering. 42 (2020) 78. <https://doi.org/10.1007/s40430-019-2155-3>. (SCI/E, I.F.= 2.2)
10. **Din Bandhu**, Ashish Thakur, Rajesh Purohit, Rajesh K. Verma, Kumar Abhishek, Characterization & evaluation of Al7075 MMCs reinforced with ceramic particulates and influence of age hardening on their tensile behavior, Journal of Mechanical Science and Technology. 32 (2018). <https://doi.org/10.1007/s12206-018-0615-9>. (SCI/E, I.F.= 1.7)

SCI/SCIE/ESCI Journals (Under Review):

1. **Din Bandhu**, Jay J. Vora, Subhash Das, Kumar Abhishek, Ramendra Kumar Gupta, Ashish Thakur, E. Venugopal Goud, Soni Kumari, Influence of Regulated Metal Deposition and Gas Metal Arc Welding on ASTM A387-11-2 steel plates: As-deposited Inspection, Microstructure, and Mechanical Properties, Journal of Materials Engineering and Performance (Under Review).
2. Meet Shah, Yug Modi, **Din Bandhu**, Kishan Zadafiya, Soni Kumari, Kumar Abhishek, Effect of various lubricating strategies on machining of titanium alloys: A state-of-the-art review, Tribology International (Under Review).

Scopus Indexed Journals/Book Chapters/Conference Proceedings (Published):

1. **Dinbandhu**, Ashish Thakur, E.Venugopal Goud, Kumar Abhishek, Jay J. Vora, An Overview of Proteus: The world's First Man-Made Non-cuttable Material, in: Recent Advances in Smart Manufacturing and Materials, Springer, Singapore, 2021: pp. 95–102. https://doi.org/10.1007/978-981-16-3033-0_9.
2. **Dinbandhu**, Kumar Abhishek, Ashish Thakur, M. Nagaphani Sastry, K. Devaki Devi, A. Nishant, A Study on Mechanical Attributes of Epoxy-Carbon Fiber-Terminalia bellirica Embedded Hybrid Composites, in: Recent Advances in Smart Manufacturing and Materials, Springer, Singapore, 2021: pp. 163–173. https://doi.org/10.1007/978-981-16-3033-0_15.
3. M.Murali Mohan, E.Venugopal Goud, M.L.S.Deva Kumar, Vivek Kumar, Manish Kumar, **Dinbandhu**, Parametric Optimization and Evaluation of Machining Performance for Aluminium-Based Hybrid Composite Using Utility-Taguchi Approach, in: Recent Advances in Smart Manufacturing and Materials, Springer, Singapore, 2021: pp. 289–300. https://doi.org/10.1007/978-981-16-3033-0_27.
4. **Dinbandhu**, Kumar Abhishek, Parametric Optimization and Evaluation of RMDTM Welding Performance for ASTM A387 Grade 11 Steel Plates Using TOPSIS-Taguchi Approach, in: Advances in Materials Processing and Manufacturing Applications, Lecture Notes in Mechanical Engineering Springer, Singapore, 2021: pp. 215–227. https://doi.org/10.1007/978-981-16-0909-1_22.
5. **Dinbandhu**, Vishalkumar Prajapati, Jay J. Vora, Kumar Abhishek, Advances in gas metal arc welding process: modifications in short-circuiting transfer mode, in: Advanced Welding and Deforming, Elsevier, 2021: pp. 67–104. <https://doi.org/10.1016/b978-0-12-822049-8.00003-7>.
6. Soni Kumari, **Dinbandhu**, Kumar Abhishek, Study of machinability aspects of shape memory alloys: A critical review, in: Materials Today: Proceedings, Elsevier BV, 2021: pp. 1336–1343. <https://doi.org/10.1016/j.matpr.2020.11.390>.
7. Dharmagna R. Tripathi, Krupang H. Vachhani, Soni Kumari, **Dinbandhu**, Kumar Abhishek, Experimental investigation on material removal rate during abrasive water jet machining of GFRP composites, Materials Today: Proceedings. 26 (2020) 1389–1392. <https://doi.org/10.1016/j.matpr.2020.02.280>.

8. Chetansingh Rajput, Soni Kumari, Vishalkumar Prajapati, **Dinbandhu**, Kumar Abhishek, Experimental investigation on peel strength during ultrasonic welding of polypropylene H110MA, in: Materials Today: Proceedings, Elsevier Ltd, 2020: pp. 1302–1305. <https://doi.org/10.1016/j.matpr.2020.02.259>.
9. Ashish Thakur, Rajesh Purohit, R.S. Rana, **Din Bandhu**, Characterization and Evaluation of Mechanical Behavior of Epoxy-CNT-Bamboo Matrix Hybrid Composites, in: Materials Today: Proceedings, 2018. <https://doi.org/10.1016/j.matpr.2017.11.655>.
10. Unmesh. Gorade, **Din Bandhu**, Soni Kumari, Jagat Rath, Kumar Abhishek, Design of Bluetooth-Controlled Floor Cleaning Robot, in: Recent Advances in Mechanical Infrastructure, Springer, Singapore, 2022: pp. 121–131. https://doi.org/10.1007/978-981-16-7660-4_11.
11. Param Jogidas, **Din Bandhu**, Soni Kumari, Kumar Abhishek, Design and Fabrication of Mini Woodworking Lathe Machine, in: Recent Advances in Mechanical Infrastructure, Springer, Singapore, 2022: pp. 157–167. https://doi.org/10.1007/978-981-16-7660-4_14.
12. Raja Munusamy. Jiwan Kumre, Sudhir Chaturvedi, **Din Bandhu**, Design and Development of Portable UAV Ground Control and Communication Station Integrated with Antenna Tracking Mechanism, in: Intelligent Infrastructure in Transportation and Management, Springer, Singapore, 2022, pp 193-212. https://doi.org/10.1007/978-981-16-6936-1_16.
13. Soni Kumari, Pardeep, **Din Bandhu**, Stress analysis of an infinite plate with single hole by using Airy's stress function, Materials Today: Proceedings, 2022. <https://doi.org/10.1016/j.matpr.2022.04.232>
14. Gnanesh Vora, Hemendrasinh Umat, Soni Kumari, **Dinbandhu**, Chetansingh Rajput, Kumar Abhishek, Reduction of Scrap and Rework Cost by Implementing 5S Methodology: A Case Study, in: Recent Advances in Mechanical Infrastructure, Springer, Singapore, 2021: pp. 183–195. https://doi.org/10.1007/978-981-33-4176-0_15.
15. Mahajan Vaibhav Mansaram, Suman Chatterjee, **Dinbandhu**, Anshuman Kumar Sahu, Kumar Abhishek, Siba Sankar Mahapatra, Analysis of Dimensional Accuracy of ABS M30 Built Parts Using FDM Process, in: Recent Advances in Mechanical Infrastructure, Springer, Singapore, 2021: pp. 173–181. https://doi.org/10.1007/978-981-33-4176-0_14.
16. Soni Kumari, **Din Bandhu**, Anshuman Kumar, Rajeev Kumar Yadav, K. Vivekananda,

Application of Utility Function Approach Aggregated with Imperialist Competitive Algorithm for Optimization of Turning Parameters of AISI D2 Steel, in: Springer, Singapore, 2020: pp. 49–57. https://doi.org/10.1007/978-981-32-9971-9_6.

Publications in Other International/National Journals:

1. **Dinbandhu**, Himanshi Priya, Pravin Jadhav. Consideration of Ethical Norms and Practices in Research, Studies in Indian Place Names. 40 (10) (2020) 1510-1515. (**UGC Care Journal**).
2. Pravin Jadhav, **Dinbandhu** Singh, Parashram Patil, “Relationship between Foreign Direct Investment in Infrastructure and Economic Growth: Evidences from Indian Economy”, 7th Biennial International Conference on Energy and Infrastructure Management (ICEIM-2020), organized at Pandit Deendayal Petroleum University, Gandhinagar, Gujarat, India, on February 27th-28th, 2020.
3. **Din Bandhu**, Shivang Jani, Ashish Thakur, Characterization of Frictional Stir Welding for two dissimilar materials and Influence of Ageing on their Mechanical Properties, International Journal of Research in Engineering, IT and Social Sciences. 7 (2) (2017) 21–25. (**UGC Care Journal**).
4. **Din Bandhu**, Ritesh Kumar, A Review on Usage of Nano-Particles in Nuclear Power Plants, International Journal of Research-GRANTHAALAYAH. 5 (2) (2017) 233–236. <https://doi.org/10.29121/granthaalayah.v5.i2.2017.1733>. (**UGC Care Journal**).
5. Murali Mohan, **Dinbandhu**, G. Shaikshavali, E. Venugopal Goud, “Optimization of The Machining Parameters in Turning En 9 Steel Using Taguchi Method” in Proceedings of National Conference on Technological Advancements in Mechanical Engineering-2016, University College of Engineering Kakinada (A), JNTUK Kakinada, Andhra Pradesh, July 22nd-23rd, 2016, pp. 65-68.
6. M. Surendra Reddy, K. Jayasimha Reddy, **Din Bandhu**, Experimental Analysis of Vortex Tube with Modified Nozzle: Provided with Internal Taper, International Journal of Engineering Research and General Science. 4 (2) (2016) 452–457. (**UGC Care Journal**).
7. G. Shaikshavali, E. Venugopal Goud, G. Praveenkumar Yadav, **Din Bandhu**, Tensile and Flexural Characterization of Nomex and E-Glass Fibre Reinforced Epoxy Composites, International Journal for Scientific Research & Development. 4 (1) (2016) 981-983.

8. **Din Bandhu**, M. Murali Mohan, G. Praveenkumar Yadav, K. Jayasimha Reddy, G. Shaikshavali, Mechanical Properties of Makhana (Euryale Ferox Salisbury) Reinforced Composite, IJSRD -International Journal for Scientific Research & Development. 4 (1) (2016) 447-449.
9. M. Nagaphani Sastry, K. Devaki Devi, **Din Bandhu**, Characterization of Aegle Marmelos Fiber Reinforced Composite, International Journal of Engineering Research. 5 (2016) 345–349. (UGC Care Journal).

Book Publication:

1. A guide to Injection Moulding Technique. Empyrean Publications, New Delhi. ISBN: 978-81-930928-3-5.

Paper Presented in International Conferences:

1. M. Murali Mohan, E. Venugopal Goud, M.L.S. Deva Kumar, Vivek Kumar, Manish Kumar, and **Dinbandhu**, “Parametric Optimization and Evaluation of Machining Performance for Aluminium-based Hybrid Composite using Utility-Taguchi Approach”, International Conference on Evolution in Manufacturing (ICEM - 2020), organized at MNIT Jaipur on 10th-12th December 2020.
2. **Dinbandhu**, Kumar Abhishek, “Parametric Optimization and Evaluation of RMDTM welding performance for ASTM A387 Grade 11 steel plates using TOPSIS-Taguchi Approach”, International Conference on Advances in Materials Processing & Manufacturing Applications (iCADMA 2020), organized at MNIT, Jaipur on November 5th-6th, 2020.
3. Ashish Thakur, Rajesh Purohit, R. S. Rana, **Din Bandhu**, “Characterization & Evaluation of Mechanical Behavior of Epoxy-CNT-Bamboo Matrix Hybrid Composite”, in 7th International Conference on Materials Processing & Characterization (ICMPC)-2017, Gokaraju Rangaraju Institute of Engineering and Technology (GRIET), Hyderabad in collaboration with Maulana Azad National Institute of Technology (MANIT), Bhopal, March 17th-18th, 2017.

Paper Presented in National Conferences:

1. **Din Bandhu**, Rahul Kumar, Anshumali Nishant, Ashish Thakur, “Characterization of Friction Stir Welding for AA 2014-6061 and influence of Aging on their Mechanical Behavior” in 5th National Conference on Topical Transcend in Mechanical Technology (TTMT)-2017, SJB Institute of Technology, Bangalore, May 10th, 2017.

2. **Din Bandhu**, G Shaikshavali, “Study of Mechanical Characteristics of Ceramic Particulate Reinforced Al 7075 Metal Matrix Composite & effect of Age Hardening on its Tensile Properties” in 4th National Conference on Topical Transcend in Mechanical Technology (TTMT)-2016, SJB Institute of Technology, Bangalore, May 07th, 2016.
3. Dr. M. Naga Phani Sastry, K. Devaki Devi, **Din Bandhu**, “Characterization of Aegle Marmelos Fiber Reinforced Composite”, National Conference on Innovative Trends in Mechanical and Automobile Engineering (ITMAE-2016), organized by Department of Mechanical Engineering, M.V.S.R. Engineering College, Nadergul, Hyderabad Telangana India during 11th-12th Feb. 2016.

Workshops/Webinars/Short Term/Online Course Attended:

1. Two days seminar on "Additive and Subtractive manufacturing for advanced engineering applications: Challenges and Future Aspects" organized by the Department of Mechanical and Industrial Engineering, IIT Roorkee on February 24th & 25th, 2022.
2. International Workshop on “Research Methodology: An Engineering Approach” organized by Bharat Institute of Higher Education & Research, India & Aurel Vlaicu University of Arad, Romania on February 21st-25th, 2022.
3. Mastering Personal Physical Fitness with Home Exercises by Mr. Ravin Puri on December 13th, 2021.
4. Webinar on Corrosion Issues in Austenitic Stainless Steel organized by Department of Mechanical Engineering, Atmiya University, Rajkot on May 17th, 2020.
5. Workshop on Popular Science Writing under Augmenting Writing Skills for Articulating Research (AWSAR) Program jointly organized by the Department of Science and Technology (DST) and Vigyan Prasar (VP) at the Institute of Seismological Research (ISR) on September 23rd, 2019.
6. One-week STTP on “Multi-Objective Optimization Methods for Engineering and Scientific Applications (MOOMESA-2019)”, organized at IITRAM, Ahmedabad, Gujarat from 03rd-8th June 2019.
7. Two days workshop on “Recent Advances in Modern Manufacturing Processes (RAMMP)”, organized at PDPU, Gandhinagar, Gujarat on February 07th-08th, 2019.
8. One Week Self-Sponsored STTP on “Nano, Micro and Bulk Material Processing and Nanotechnology”, Gokaraju Rangaraju Institute of Engineering and Technology (GRIET),

Hyderabad in collaboration with Maulana Azad National Institute of Technology (MANIT), Bhopal, March 20th-27th, 2017.

9. One Day Workshop on “IEEE Xplore Digital Library Awareness Programme” at Atmiya Institute of Technology & Science, Rajkot, Gujarat on February 8th, 2017.
10. Three days Training Programme on “Personality Optimal Enhancement” at R. V. College of Engineering, Bangalore, Karnataka on September 29th-30th & October 1st, 2009.

Workshops/Conferences Organized:

1. Organizing committee member in a “Two Days National Level Workshop on Development and Analysis of Composite Materials (DACM-2016)”, G. Pulla Reddy Engineering College (Autonomous), Kurnool, Andhra Pradesh, October 09th-10th, 2015.
2. Organizing committee member in a “Two Days National Workshop on Emerging Trends in Mechanical and Petroleum Engineering (ETMPE-2012)”, Al-Habeeb College of Engineering & Technology, Hyderabad, Telangana, March 19th-20th, 2012.
3. Organizing committee member in “National Conference on Emerging Trends in Engineering Applications (NCETEA-2012)”, at Al-Habeeb College of Engineering & Technology, Hyderabad, Telangana, on March 15th, 2012.

Invited Lectures Delivered:

1. Delivered a lecture on “Applications of Particle Swarm Optimization in Manufacturing” in Multi-Objective Optimization Methods for Engineering and Scientific Applications (MOOMESA-2019)” organized at IITRAM, Ahmedabad from 3rd-8th June 2019

Editorial Board/Reviewer's Team of Journals/Conferences:

- ✓ Journal of the Brazilian Society of Mechanical Sciences and Engineering, Springer
- ✓ Journal of Mechanical Science and Technology (JMST), Springer
- ✓ Advances in Materials and Processing Technologies, Taylor & Francis
- ✓ Materials Today: Proceedings, Elsevier B.V.
- ✓ International Journal of Engineering Research in Africa (JERA), Trans Tech Publications
- ✓ Advanced Materials Research (AMR), Trans Tech Publications
- ✓ Applied Mechanics and Materials (AMM), Trans Tech Publications
- ✓ Current Journal of Applied Science and Technology
- ✓ International Journal of Mechanical Engineering and Research
- ✓ International Journal of Engineering Development and Research

- ✓ International Journal of Creative Research Thoughts
- ✓ International Conference on Recent Advances in Mechanical Infrastructure (ICRAM-2019) organized at IITRAM, Ahmedabad on 29th-30th March 2019
- ✓ International Conference on Recent Advances in Mechanical Infrastructure (ICRAM-2020) organized at IITRAM, Ahmedabad on 18th-19th July 2020
- ✓ International Conference on Recent Advances in Mechanical Infrastructure (ICRAM-2021) organized at IITRAM, Ahmedabad on 6th-8th August 2021
- ✓ International Conference on Futuristic Advancements in Materials, Manufacturing and Thermal Sciences (ICFAMMT 2022) organized at IITRAM, Ahmedabad on 20th-21st January 2022

Professional Body Membership:

- ✓ Indian Society for Non-destructive Testing (ISNT): Membership ID is SM10224AD (valid till 2022-11-26).

Academic and Administrative Responsibilities:

1. Served as Deputy Controller of Examination at VVIT, Purnea, Bihar (2018)
2. Rendered services as University Observer for End Semester Examinations, Rajkot Zone in GTU, Ahmedabad, Gujarat (2016-2018)
3. Faculty Coordinator for elocution competitions at Atmiya Institute of Technology & Science, Rajkot, Gujarat (2016-2018)
4. Sports Coordinator of Mechanical Engineering Department at G. Pulla Reddy Engineering College (Autonomous), Kurnool, Andhra Pradesh for 01 year (2015-2016)
5. Coordinator, Sports Cell of Vidya Vihar Institute of Technology, Purnea, Bihar for consecutive 03 years (2012-2015)
6. Coordinator, OORJA-an Annual Techno-Cultural fest of Vidya Vihar Institute of Technology, Purnea, Bihar for consecutive 03 years (2012-2015)

Achievements:

1. Batch topper in Research Methodology course work during Ph.D.
2. One of the toppers from M. Tech Batch (2009-2011)
3. Secured First position in Tool Engineering (M. Tech-I) in academic session 2009-2010
4. Voted as The Best Sportsman during UG (2005-2009)
5. University winner in Cricket, Football, and Volleyball Team events from 2005 to 2009
6. Captained the Volleyball, Cricket, Football, and Basketball Teams in Inter-University tournaments (2005-2009)

7. Captioned the Handball U-16 Team of GNAV, Kurukshetra in CBSE National Level tournaments
8. Represented Kurukshetra District and Haryana State in various CBSE sports events

References:

1. Dr. M. Nagaphani Sastry

Associate Professor

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2. Dr. Kumar Abhishek (Ph.D. Supervisor)

Assistant Professor

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3. Dr. Jay J. Vora

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Department of Mechanical Engineering

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4. Dr. Mithilesh Dikshit

Assistant Professor

Department of Mechanical & Aerospace Engineering, IIT RAM Ahmedabad, Gujarat

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5. Er. Rajesh Chandra Mishra

Secretary, Vidya Vihar Institute of Technology, Purnea, Bihar

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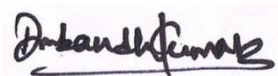
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Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bengaluru

Date: 03/05/2022



(DIN BANDHU)