

MORRISH KUMAR



Name : Morrish Kumar

Designation : Assistant Professor

Total Experience

Email: morrishkumar.mech@hitam.org

Mobile: 9713899199, 8186009594

Specialization

Computer Aided Design

Academic Qualification

July 2004 July 2008: Bachelors of Engineering in Mechanical Engineering, from Pt. Ravi Shankar Shukla University, Chhattisgarh, India.

July 2009 - October 2012: Masters of Engineering, in Computer Aided Design from Chhattisgarh Swami Vivekananda Technical University, Chhattisgarh, India.

PhD (Production) – Pursuing from Jadavpur University, Kolkata, West Bengal, India.

International Journals:

Manojkumar.N.U, Morrish Kumar, Jagadish.H, Experimental Investigation of Performance Characteristics on a Single Cylinder C.I Engine Fueled with Simarouba glauca as Biodiesel, International Journal of Engineering Research in Mechanical and Civil Engineering(IJERMCE), Vol 3, Issue 2, February 2018, ISSN (Online) 2456-1290

D.Hari Madhava Swamy, Morrish Kumar, Manjunatha L.H, Fabrication and Analysis of Aluminum - Graphene Metal Matrix Composites Using Powder Metallurgy Technique, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), e-ISSN: 2278-1684, P-ISSN: 2320-334X, PP. 43-50, Volume - 5, November – 2017.

Santosh Madeva Naik, Mangala Gouramma, Saichandu, Morrish Kumar, Experimental Study on Flax and Sisal Hybrid Composites, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320-334X PP. 10-13, Volume - 5, November – 2017.

Md Naseer uddin Siddiqui, Morrish Kumar, Design, Manufacturing and Fabrication of Wafer Cup Baking Machine Using Form Tool, International Journal of Advance Research and Innovative Ideas in Education, IJARIE (ISSN 2395-4396 (Online)), Vol-3 Issue-6 2017

Abhinav Lal, Morrish Kumar, Thermo-Mechanical Analysis of a Piston with Thermal Barrier Coatings (TBC), International Journal of Research Culture Society, ISSN: 2456-6683 Volume - 1, Issue - 4, June – 2017.

Abhinav Lal, Morrish Kumar, A Survey Approach of Optimum Design of Piston, International Journal of Engineering Sciences & Research Technology, ISSN: 2277-9655, June 2017, Impact Factor: 4.116

Nimish Dubey, Mr. Morrish Kumar, Design Modification in Heat Exchanger Twisted Tape for Heat Transfer Enhancement- A Review, International Journal of Engineering Sciences & Research Technology, ISSN: 2277-9655, July 2017, Impact Factor: 4.116.

Nimish Dubey, Mr. Morrish Kumar, CFD Analysis of Fluid Flowing Through a Heat Exchanger Tube Having a Twisted Tape with a Centrally Placed Semi-Circular Groove, International Journal of Science and Research, ISSN (Online): 2319-7064, Volume 6 Issue 6, June 2017

Pradeep Vaishnav, Morrish Kumar, A Comparative Study of ACO and GA for Solving Travelling Salesman Problem, International Journal for Scientific Research & Development, Vol.4, Issue 04, 2016 ISSN (online): 2321-0613.

MORRISH KUMAR

Lakhan Kumar Sharma, Mr. Morrish Kumar, Analysis of an Asymmetric Spur Gear with Multiple Holes as Stress Relieving Feature, International Journal for Scientific Research & Development, Vol. 4, Issue 04, 2016, ISSN (online): 2321-0613.

Ankit Soni, Morrish Kumar, Analysis of Adhesive Joint in Metal - Composite Junction Using FEA Software, Journal of Emerging Technologies and Innovative Research, June 2016, Volume 3, Issue 6, ISSN-2349-5162.

Asif Nizam, Morrish Kumar, Man Mohan Soni, Optimization of Sheet Metal Thickness and Die Clearance of Progressive Press Tool Using Finite Element Analysis and Artificial Neural Network Technique, International Journal of Science and Research (IJSR), Volume 5, Issue 2 February 2016, ISSN (Online): 2319-7064.

Amit Kumar Sawarni, Morrish Kumar, Performance Study of a Journal Bearing with Structured Artificial Roughness using CFD as a Tool, IJSRD - International Journal for Scientific Research & Development| Vol. 3, Issue 04, 2015 | ISSN (online): 2321-0613.

International Conferences:

Morrish Kumar, Ajay Singh Rathore, Amalendu Biswas, Stress Analysis of an Asymmetric Spur Gear Tooth with Series of Circular Hole using Finite Element Method, International Conference on Innovations in Mechanical Engineering, January 2018, Guru Nanak Institutions, Hyderabad, Telangana, India, Published in Proceedings of International Conference on Innovations in Mechanical Engineering ICIME 2018, ISBN: 978-93-85100-86-4, PP 315-321.

Morrish Kumar, Yugal Kishor Sahu, Comparison of Stress intensity factor of a Semi elliptical crack in a cylinder of an isotropic material and a composite material, International Conference on Recent Advances in Mechanical Engineering, April 2012, Dr. M.G.R. Educational and Research Institute University, Chennai, Published by IJCM International Journal of Composite materials and manufacturing, Volume 02, April 2012, PP 15-27, ISSN 2249-4030.

National Conferences:

Attended two days "National Conference on Innovative Approaches in Mechanical Engineering", held at St. Martin's Engineering College, Secunderabad, Telangana on 22nd & 23rd September 2017.

Attended a two days National Conference, "Advanced Material Science and Engineering" held at Christian College of Engineering & Technology on 8th & 9th March 2017.

Morrish Kumar, Shiena Shekhar, Vibration Analysis of Railway Concrete Sleeper for Different Contact Condition using MATLAB, Research Journal of Engineering Sciences, Vol. 5(7), 46-55, July (2016), E- ISSN 2278 – 9472.

Attended a two days National Conference, "Future Clean & Sustainable Energy Technologies" held at Christian College of Engineering & Technology on 10th & 11th February 2016.

Attended a two days National Conference, "Emerging Trends in Mechanical Engineering", organized by department of mechanical engineering, BIT, Durg on 29th & 30th January 2016.

Morrish Kumar, Dr. Shankar Kumar Moulick, Comparative Stress Analysis of Elliptical and Cylindrical Pressure Vessel with And Without Autofretage Consideration Using Finite Element Method, National Conference on: Innovations in Mechanical Engineering for Sustainable Development Published by IJAERS International Journal of Advanced Engineering Research and Studies, E-ISSN2249-8974.

Attended a two days National Conference "Technologia 2013 ", Organized by Christian College of Engineering & Technology Bhilai, Chhattisgarh on November 2013.

Attended a two days National Conference on "Emerging Technologies, Technologia 2009 ", Organized by M.P. Christian College of Engineering & Technology Bhilai, Chhattisgarh on March 2009.

Publication Details

MORRISH KUMAR

Attended a two days National Conference on “Engineering & Science: Third Millennium Perspectives - Di – Tech Fest 2009 “, Organized by Disha Institute of Management & Technology, Raipur, Chhattisgarh on January 2009.

Got Appreciation from Chairman of Santosh Rungta Group of Colleges for Outstanding Contributions made in mechanical engineering department

Got 92 % in Faculty Evaluation Report, July 2013.

Attended One Week Faculty Development Program on the topic “Design of Machine Elements”, Organized by CMR Institute of Technology, Hyderabad on 7th to 14th February 2018.

Attended two days “National Workshop on 3D Printing and Scanning”, organized by Department of Mechanical Engineering of Hyderabad Institute of Technology and Management, Hyderabad on 27 – 28 October 2017.

Attended a one day “Workshop on ANN approach for predictive Modeling and Optimization”, organized by Department of Thermal and Energy Engineering, School of Mechanical Engineering, VIT University, Vellore on 28 October 2017.

Attended a one-day state level seminar on the topic “Waste Management – Issues and Options”, Organized by Chhattisgarh Engineering College, Durg, Chhattisgarh, on 24th January 2017.

Attended “TEQIP – II Sponsored Short-Term Course on – Advances in Composite Materials 2016”, organized by Motilal Nehru National Institute of Technology Allahabad, from 21/10/2016 – 26/10/2016.

Attended “Induction Training Programme Phase - I”, Teacher Training Program, organized by National Institute of Technical Teacher’s Training & Research, Bhopal, Madhya Pradesh (Ministry of Human Resource Development, Govt. of India), from 01/08/2016 to 12/08/2016.

Attended a one day “Introductory Automobile Workshop”, organized by Tech B Private Limited, held at Christian College of Engineering & Technology, Bhilai on March 2016.

Attended two days “Solid works Workshop”, organized by Devanshi Engineering Consultancy Services, Raipur, held at Christian College of Engineering & Technology, Bhilai on March 2016.

Attended a two days short term course on “Application & Research Scope in Composite Materials”, organized by Department of Mechanical Engineering of SSTC(FET), Bhilai on 8 – 9 January 2016.

Attended a four days Short Term Training Programme on “Design of Experiments – An Optimization Tool - 2015”, organized by Department of Mechanical Engineering of National Institute of Technology, Rourkela on 21 – 24 December 2015.

Attended a two days Technical workshop on “Basic part modeling using CATIA and Fundamentals of CNC Operation”, Organized by Indo German Institute of Advanced Technology, Vishakhapatnam, Andhra Pradesh on September 2015.

Attended a One Day Workshop on “Soft Computing, Optimization Techniques & Its Implementation Using MATLAB/SCILAB”, organized by Research and Development Cell of Christian College of Engineering and Technology – Bhilai on June – 2015.

Awards & Honours

Workshops / Seminars /

MORRISH KUMAR

Conferences / Training Programs Attended

Attended a one-day National Seminar on “3D Printing and Additive Manufacturing Technologies”, “Organized by Chhattisgarh Swami Vivekananda Technical University, Bhilai in association with Additive Manufacturing Society of India, Bangalore on January – 2015.

Attended a two days National Workshop on “Analysis, Simulation & Optimization “, Organized by Christian College of Engineering & Technology Bhilai, Chhattisgarh on December 2014.

Attended a two days Innovation Fair, Organized by Government of Chhattisgarh, Raipur, on September 2013.

Attended a two days Technical Workshop on “Introductory Workshop on CAD/CAM/CAE/CNC “, Organized by Indo German Institute of Advanced Technology, Vizag A.P. on August 2013.

Attended a one-day Workshop on “Solid Works 2013 Release “, organized by Devanshi Engineering Consultancy Services, Raipur, on November 2012.

Attended a One-week refresher course on “FINITE ELEMENT METHOD “Organized by, National Institute of Technology, Raipur on June 2012.

Attended a two days Short term training program on “Research Methodology Including Mathematical Modelling in Engineering and Applied Sciences”, Organized by Rungta College of Engineering & Technology, Bhilai on March 2012.

Attended a one-day intensive Learning program on “MATLAB/SIMULINK”, Organized by Electrical Engineering Department of Rungta College of Engineering & Technology, Bhilai on January 2012.

Attended a two days National Seminar on “Current Trends on Nano science and Nanotechnology”, Organized by Rungta College of Engineering & Technology Bhilai, Chhattisgarh on June 2011

Attended a four days National Level Symposium and workshop on “Planar Parallel Robots & Mechanisms 2010” organized by ALTAIR HYPERWORKS and Department of Mechanical Engineering at Rungta College of Engineering and Technology Bhilai on January 2010.

Attended a two days National Workshop on “Advanced Manufacturing & Automation”, organized by M.P. Christian College of Engineering & Technology Bhilai, Chhattisgarh on December 2009.

Attended a two days National Level Robotics Workshop “Robokriti NXT and Autobotz”, organized by Rungta College of Engineering and Technology Bhilai in association with Indian Institute of Technology, Guwahati on October 2009.

Organized a two days “National Workshop on 3D Printing and Scanning”, at Department of Mechanical Engineering of Hyderabad Institute of Technology and Management, Hyderabad on 27 – 28 October 2017

Organized a one-day workshop named “Drone Technology & Water Jet Rocketry”, Conducted by Robot Shaastra on 3rd March 2017 at Christian college of engineering and technology, Bhilai, Chhattisgarh.

Organized a Three Days National Workshop on “Solid works Training & Automobile Assembly”, in association with mechanical engineering association, Tech B Private Limited & Devanshi Engineering Consultancy Services, Raipur on 2nd, 3rd & 4th March 2016.

Workshops / Seminars / Conferences / Training Programs

MORRISH KUMAR

Conducted

Organized a Two Days Hands on Training of MS Office, Sponsored & Catalyzed by Chhattisgarh Council of Science & Technology & NCSTC, Department of Science & Technology, Govt. of India, Organized by R & D Cell, CCET Bhilai, on 28th -29th January, 2016.

Organized a two days National Workshop named “National Workshop on Analysis, Simulation & Optimization” conducted by department of mechanical engineering on 15th and 16th December 2014 at Christian college of engineering and technology, Bhilai, Chhattisgarh.

Organized a one-day workshop named “Soft Computing, Optimization Techniques & its implementation using MATLAB / SCILAB”, conducted by research and development cell on 19th June 2015 at Christian college of engineering and technology, Bhilai, Chhattisgarh.