

CURRICULUM VITAE OF

Dr. SRIRAMVENKATESH
B.Tech., M.E., Ph.D

Professor of Mechanical Engineering



**Department of Mechanical Engineering
University College of Engineering (Autonomous)
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Date of Birth: 15-07-1966 Age: 53 years

Place of Birth: Ravirala (V), Nellikudur (M), Warangal (Dist.), Telangana State

Name: : DR. SRIRAM VENKATESH

Designation : Professor

Father's Name : Sri. SRIRAM MUTHAIAH

Date of Birth : 15-07-1966

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Education:

- Ph. D. (Mech. Engg.) (2004) Osmania University, Hyderabad, T.S, India
- M.E. (Mech. Engg.) (1995) Devi Ahilya Viswavidyala, Indore, M.P. India
- B.Tech. (Mech. Engg.)(1991) Kakatiya University, Warangal, T.S, India

Research Interests:

- Bulk Solids Handling, Design of Bins, Bunkers and Silos
- Rapid Prototyping(Additive Manufacturing)
- Computer Aided Modelling, Design & Analysis.

Present Positions:

- **Controller of Examinations**, Osmania University.
- **Nodal Officer, RUSA 2.0**,
- **Founder Director** “Center for product Design, Development and Additive Manufacturing” (CPDDAM), Osmania University.
- **Founder Director** “Centre for Prototyping and Testing of Industrial Products” (CPTIP), University College of Engineering, Osmania University

Awards, Honors and Recognition:

- **State Level Best Teacher Award** by Government of Telangana on 5th September, 2019.
- **Distinguished Alumnus Award** by Kakatiya Institute of Technology and Science (KITS), Warangal in December, 2016.
- **Engineer of the Year Award** jointly awarded by the Government of Telangana and the Institution of Engineers (India), Telangana State Center in September, 2016.
- As the founder Director of the Centre for Prototyping and Testing of Industrial Products (CPTIP), received the award “**Academic Research Award of Excellence**” to CPTIP by Additive Manufacturing Society of India, Bangalore.
- Biographical profile is listed in the 22nd Edition (2005) of Marquis **Who’s Who in the World** published from USA.
- Recipient of “**Career Award for Young Teachers**” a Research Fellowship for 3 years by All India Council for Technical Education (AICTE), Government of India, New Delhi, in 2002.
- Recipient of National Merit Scholarship of Government of India (1983-1985)
- Recipient of Merit Scholarship from Government of Andhra Pradesh (1979-1982)

International Visits:

- AUSTRALIA** – Presented a Research paper at 8th International Conference on Bulk Material Storage, Handling and Transportation, University of Wollongong, Wollongong, AUSTRALIA, during 5-8 July 2004.
- USA (Twice)** – Presented a Research paper at Fifth World Congress on Particle Technology, Florida, and USA during 23-27 April 2006.
- GERMANY** – Attended a Training Program on Rapid Prototyping and Manufacturing at Munich, during 31 March to 11 April, 2008.
- THAILAND** – Presented a research paper at International Conference on Advances in Civil, Structural and Mechanical Engineering – (ACSME 2014) held at Bangkok, Thailand during 04 - 05 January, 2014.

ISRAEL – Visited “Additive Manufacturing Center- 3D Printing Center- Technologies Division, at Israel Aerospace Industries LTD, Yehud, Israel, During 23rd to 29th June 2019.

SINGAPORE

AUSTRIA

FRANCE

UAE

KENYA

Socio- Technical Tour

RESEARCH PUBLICATIONS:

(Refereed Publications in Journals and Conference Proceedings)

- International Journals : 28
- National Journals : 02
- International Conferences : 35
- National Conferences : 35
- **Total Number : 100**

(Publications list follow at the end)

Consultancy:

- Rapid Prototyping to the following companies: **(Rs. 20 Lakhs)**

DRDO, DMRL, ECIL Mahidra Satyam, Satyam Venture Engg Services Analogics Tech. India, BioGenex, Transcend, SensaCore Medicals, Dizital Dynamics, Think Power Technologies, Sir Sai Tech, Models India and Amba Bhavani Tool Crafts.

- BHEL (R&D) Projects on CAD modelling: **(Rs. 20 Lakhs)**

Guest/Expert/Invited Lectures delivered: 45

National /International Conference Session Chaired: 33

Research Projects / Grants / Fellowships:

1. Title of the Project Establishment of “Centre for Prototyping and Testing of Industrial Products (CPTIP)”- **Founder Director.**
Funding Agency Ministry of HRD, Government of India **(130 Lakhs).**
Time period 3 Years

2. Title of the Award “Design and analysis of coal bunkers with flow corrective Inserts” under “Career Award for Young Teacher”
-Research Fellowship.
- Funding Agency All India Council for Technical Education (AICTE),
New Delhi, Government of India (**8 Lakhs**).
- Time period 3 Years
3. Title of the Project “Development of Mechatronics Laboratory” - **Coordinator**
- Funding Agency All India Council for Technical Education (AICTE),
New Delhi, Government of India (**5 Lakhs**).
- Time period 2 Years
4. Title of the Project “Modernization and Up gradation of CAD/CAM
Laboratory”- **Coordinator**
- Funding Agency All India Council for Technical Education (AICTE),
New Delhi, Government of India (**11 Lakhs**).
- Time period 2 Years
5. Title of the Project “Computer Aided Analysis of Welding Characteristics of
Metal Matrix Composites” – **Principal Investigator**
- Funding Agency All India Council for Technical Education (AICTE),
New Delhi, Government of India (**5 Lakhs**).
- Time period 2 Years
6. Title of the Project “Development of Computer Aided System for Condition
Monitoring of Mechanical Machines” – **Co- PI**
- Funding Agency All India Council for Technical Education (AICTE),
New Delhi, Government of India (**10 Lakhs**).
- Time period 2 Years
7. Title of the Project “Static and Dynamic Simulation of Mechanical Systems by
CAD/CAM” - **Coordinator**
- Funding Agency All India Council for Technical Education (AICTE),
New Delhi, Government of India (**5 Lakhs**).
- Time period 2 Years

8. Title of the Project “Development and Evaluation of Ceramic Tools for Machining” (as Project Assistant at National Institute of Technology – Warangal-India) – **Research Assistant**
- Funding Agency Government of India funding through Aeronautical Research and Development Board (AR&DB)
- Time period 3 Years

University Administration / Corporate Life:

- **Controller of Examinations, O.U.** Conducted 80th Convocation of Osmania University on 17th June, 2019 which was pending since 6 years.
- **Nodal Officer RUSA 2.0**, Coordinated in preparation of DPR submitted to MHRD, Govt. of India. An amount of Rs. 107 Cr. is sanctioned to OU under Component 4 and 13 of RUSA 2.0.
- **Founder Director**, “Center for product Design, Development and Additive Manufacturing” (CPDDAM), Osmania University.
- **Director**, University Foreign Relations Office Visited to Kenya to address the problems faced by Somalia students in getting study VISA
- **Director**, Internal Quality Assurance Cell (IQAC), Osmania University.
Coordinated 51 Departments of the University in Preparation of Self-Study Report (SSR) of the University for Assessment and Accreditation by NAAC. The University has got ‘A+’ grade for 7 years in September, 2017 in the third cycle.
- **Chairperson**, Board of Studies (Autonomous) in Mechanical Engineering, University College of Engineering, Osmania University.
- **Director**, University Guest House, Osmania University, to-date
- **Chairman, Board of Studies (Autonomous)**, College of Engineering, OU
- **Director**, Center for Prototyping and Testing of Industrial Products (CPTIP) to-date
 - a) Established the center with state-of art technology SLS RP system
 - b) Conducted One-week training program on RP technologies
 - c) Published 6 papers
 - d) Generated Rs. 20 lakhs through consultancy
 - e) Guided 8 ME Projects, 6 BE Projects, and 2 PhD’s under progress in this center
- **Head**, Department of Mechanical Engineering (2013-2015)
 - a) Developed infrastructural facilities in the department such as completion of extension of first floor of the department, landscaping, drinking water, face-lifting of department and renovation, repairs etc.
 - b) Started new PG program “Design for Manufacturing” in collaboration with CITD, Ministry of MSME, Govt. of India.
 - c) Conducted Platinum Jubilee Year (1939-2014) celebrations of the department.
 - d) Conducted Platinum Jubilee Alumni Meet and flag-off march.
 - e) Organized Platinum Jubilee National Conference on Emerging Trends in

Mechanical Engineering (ETIME-2014)

- **Chairman, Board of Studies** in Mechanical Engineering, Osmania University
 - a) Revised the Syllabi of BE IV year, I year and ME five specializations
 - b) Introduced new courses at UG and PG level
- **Director of Evaluation**, Examination Cell, University College of Engineering, OU
 - a) Credit based system implemented to BE
 - b) Established EDP section for:
 - Computer generated hall tickets
 - Computer generated award lists
 - Automated results processing
 - Online awards processing and web publication of results
 - Infrastructural facilities developed
- **Additional Controller of Examinations**, Examination Branch, OU for about 4 years
Contributions include:
 - a) Computer generated hall tickets
 - b) Computer generated award lists
 - c) Computer generated official transcripts
 - d) Online awards processing
 - e) Actively involved in various committees in successful conduction of
77th CONVOCATION of Osmania University where Dr. A P J Abdul Kalam was Chief Guest.
- **Assistant Chief Warden** for Engineering Hostels for 2 years
- **Mess Warden** for Engineering Hostels for 3 years
- Brought-out College Brochures for 2 years
- Coordinated in production of a documentary film on College Profile for 2 times

Invited Lectures / Guest Lectures and Chairmanships at National / International Conference/Seminar/ Workshops:

S. No.	Title of the Lecture/Academic Session	Title of Conference/Seminar	Organized by	Whether International/National
1	Fundamentals of CAD	Continuing Education Programme	DMRL, DRDO	National
2	Fundamentals of Rapid Prototyping	Continuing Education Programme	DMRL, DRDO	National
3	CAD and Geometric Modelling	Training Programme to BHEL Trainee Engineers	BHEL (R&D)	National

4	Fundamental of RP Processes	Training Programme to BHEL Trainee Engineers	BHEL (R&D)	National
5	Fundamentals of CAD	Training Programme for Senior Managers	CITD Balanagar Hyderabad	National
6	SLS RP Processes	Training Programme for Senior Managers	CITD Balanagar Hyderabad	National
7	Advanced Modelling Concepts	Training Programme to BHEL Trainee Engineers	BHEL (R&D)	National
8	Rapid Prototyping Process and Applications	Training Programme to BHEL Trainee Engineers	BHEL (R&D)	National
9	RP Process	A National Workshop on Rapid Prototyping Technologies	MVSR Engineering College Hyderabad	National
10	RPT for Mechanical and Medical Applications	One Day Technical Workshop on ROBOTICS	Vardhaman Engg., College Hyderabad	National
11	Principles of RP and Applications	Faculty Development Programme	BITS Pilani, Hyderabad Campus	National
12	Applications of Rapid Prototyping Technologies	Orientation Programme	Academic Staff College JNTUH Hyderabad	National
13	Overview of Formiga RP System (SLS)	STTP on Rapid Prototyping and e-manufacturing	Department of Mech. Engg., UCE, OU	National
14	EOS RP Tools, PSW and data preparation	STTP on Rapid Prototyping and e-manufacturing	Department of Mech. Engg., UCE, OU	National
15	Chairman Technical Session II-A Mechanics of Solids	ISTAM -2008 An International Meet	Dept. of Mechanical & Civil Engg UCE,OU	International

16	Chairman Technical Sessions On Production and Design	National Conference on State of Art Technologies in Mechanical Engineering (NCSAME- 2009)	JNTUH Hyderabad	National
17	Chairman	National Level Technical Paper presentation Competition	SRES College of Engineering Kopergaon MS	National
18	Chairman	National Level Technical Paper presentation Competition	BVRIT Narsapur	National
19	Co-Chairman Technical Session	National Conference on Computational Methods in Mechanical Engineering (COMPUTIME)	Department of Mech. Engg., UCE, OU	National

Conferences /Workshops /Symposia Organized:

- Local Sectional Secretary, Engineering Sciences for 105th Indian Science Congress, Jan 3-7, 2018.
- Organized one-day Seminar on 'Institutionalization of Quality Assurance System in Higher Education' August 01, 2017 for all the faculty of Osmania University.
- Member, Organizing Committee for Centenary All India Vice-Chancellor's Conference, 27-28, April 2017.
- Organized as Chairman the Platinum Jubilee Year National Conference on Emerging Trends in Mechanical Engineering (ETIME-2014) in the department of Mechanical Engineering, OU during December 2014.
- Organized as the National Conference on Recent Advances in Mechanical Engineering (RAME-2012) in the department of Mechanical Engineering, OU
- Organized National Workshop on "Engineering Research Methodology" in 2012
- Faculty Advisor to MECHARENA 2011 a National Level Technical Symposium
- Organized one day national workshop on Advanced Manufacturing Systems, June 30, 2009
- Organized One-Week Short-Term Training Program (STTP) on "Rapid Prototyping and e-Manufacturing (RPTM-09)" 23-28 March, 2009.
- Coordinated National Conference on "Computational Methods in Mechanical Engineering (COMPUTIME)", September 16-17, 2005.

- Faculty Advisor to NIPUNA-2003, 2004 and 2005 a National Level Technical Symposium
- Organized a Workshop on Research Methodologies and Report Writing, June 27-28, 2003
- Organized One-Week Short-Term Training Program (STTP) on “Computer Application in Manufacturing Technologies (CAMTECH),” 27th May –1st June 2002.

Teaching Strengths and Lab Development (Academic and Planning)

Subjects Taught / Developed

Subject	Level
• Kinematics of Machines	UG
• Dynamics of Machines	UG
• CAD/CAM	UG
• Elements of Mechanical Engineering	UG
• Machine Design and Drawing	UG
• Computer Aided Modelling and Design	PG
• Computer Aided Mechanical Design and Analysis	PG
• Computer Graphics and Computer Aided Design	PG
• Rapid Prototyping Principles and Applications	PG
• Engineering Research Methodology	PG
• Advanced Kinematics	PG

Developed, Upgraded and networked:

- CAD/CAM Laboratory
- Computer Laboratory and
- Mechatronics Laboratories.

Master’s Thesis / Ph.D. Dissertations: Guided / Supervised

- Research Scholars : 9 (Students Pursuing Ph.D.)
- M.E Projects (PG) 80
- BE projects (UG) Guided 32
- Ph.D Awarded : 04 (02 About to submit)

Nominated/Elected National Bodies

- UGC expert committee member for evolution of Minor Research Projects
- AICTE, expert committee member for scrutiny of applications
- Regional Coordinator for EMACET-2012 conducted by JNTUH, Hyderabad
- Regional Coordinator for ECET-2012 conducted by JNTUK, Kakinda

- Selection Committee Member, APPSC (as Subject Expert)
- Selection Committee Member, DRDL Annual Awards
- Member, BoS in Production Engineering, Kakatiya University, Warangal
- Member, Purchase Committee, CITD, Hyderabad
- Purchase and Technical Committee Member, Rajiv Gandhi University for Knowledge Technologies (RGUKT) IIITs.
- Member, BoS in Mechanical Engineering, Rajiv Gandhi University for Knowledge Technologies (RGUKT) IIITs.
- Purchase and Technical Committee Member, JNTUH, Hyderabad.
- BoS member for JNTUH, CBIT, Vasavi College of Engg, Sreendhi, CVR, CVSR, Geethanjali, Anurag, Vardhaman etc.
- Governing body member for affiliated colleges
- Selection committee member for Govt. and various private engineering colleges.
- BoS member for MGU, Nalgonda
- Subject Expert on Selection committee for JNTU Kakinada, JNTU Ananthapur
- Assessment committee member for promotions of Technical Officers in IICT, Hyderabad.

Industry-Institute Interaction:

- Started new PG program “Design for Manufacturing” in collaboration with CITD, Ministry of MSME, Govt. of India, in 2015.
- Responsible for the establishment of “Center for Prototyping and Testing of Industrial Products” in University College of Engineering, OU
- **Coordinated** BHEL (R&D) Sponsored Research and Consultancy Projects
- **Coordinated** M.E. (CAD/CAM) and M.E. Tool Design Post Graduate courses running in collaboration with Central Institute of Tool Design (CITD), Ministry of Small Scale Industries, Government of India.

Membership in Professional Organizations:

- Fellow : The Institution of Engineers (India)
- Life Member : Indian Society for Technical Education (ISTE)
- Life Member : Indian Society of Mechanical Engineers (ISME)
- Life Member : Tribology Society of India (TSI) affiliated to International TSI

International Journals:

- [1] “Investigations of the Use of Conical Inserts to Promote Mass-Flow in Bunkers and Silos”; Annual Technical Journal of Advances in Dry Processing; November, 2002; USA.
- [2] “Regression Modelling and Analysis of Design Parameters of Coal Bunkers for Thermal Power Stations”; Bulk Solids Handling, The International Journal of Storing Handling and Transporting Bulk Vol.22, June 2002, No.5, Germany, and pp. 426 - 429.
- [3] “Silo Quaking –The Phenomenon of Self-Excited Flow-Induced Vibrations In Bunkers And Silos”; Bulk Solids Handling, The International Journal of Storing Handling and Transporting Bulk Vol.23, (2003), No.4, GERMANY, pp. 258-261.
- [4] “Design of Mass Flow Silos for grain storage, International Journal on Bulk” Solids & Powder Science & Technology, Vol.29, (2009), No.3, GERMANY, pp. 158-162.
- [5] “Multi Objective Job shop Scheduling using Hybrid differential Evolution Approach DOI 2011”, International Journal of Advanced Operations Management (Accepted on 7th Sept. 2010) ISSN Online 17589398 Print version 1758938X
- [6] “Experimental Optimization of Roller Burnishing Process Parameters and validation check by DOE” International journal of Optimization and Engineering (OPTE) ISSN: 1389-4420 (in press)
- [7] “Harmonic Analysis Of Mass-Flow Bunkers And Silos With Reference To Thermal Power Plants, Bulk Solids Handling”, The International Journal of Storing Handling and Transporting Bulk (Under Review)
- [8] L. Siva Rama Krishna, Manmadhachary, P. Bal Reddy, Sriram Venkatesh; “Development of optimum preplanning for maxillofacial surgery using selective laser sintering”; International Journal of Engineering, Science and Technology; Vol. 3, No. 8, 2011, pp. 185-196
- [9] Hameeda Sahib Hasan and Sriram Venkatesh, Design and “Development of Prototype Mobile Robot for identification of Defects in Pipelines”, International Journal of Mechanical Engineering and Robotics Research, Hyderabad ,India, Vol 2, No.4, October, 2013, ISSN 2278-0149
- [10] M.Sailender, Dr.N.V.Srinivasulu, Dr.Sriram Venkatesh, Dr. G C M. Reddy: “Experimental Analysis of Effect of Various Parameters in Temperature Distribution in Submerged Arc Welding”- International Journal of Engineering and Innovative Technology (IJEIT), Volume 2, Issue 2, August 2012, ISSN: 2277-3754.
- [11] L. Siva Rama Krishna, Sriram Venkatesh, M. Sastish Kumar, M. Uma Maheswara Chary, “A Comparative Study on the Dimensional Error of 3D CAD Model and SLS RP Model for Reconstruction of Cranial Defect”; World Academy of Science, Engineering and Technology International Journal of Mechanical, Industrial Science and Engineering Vol:8 No:3, 2014
- [12] S.H.Rahul, K.Balasubramanian, Sriram Venkatesh, “Inkjet Printing for fabrication of porous films”, International Journal on Mechanical Engineering and Robotics (IJMER), Vol.3, No.3, pp.1-6, 2015. [Impact. Factor=1.95(ISI)]; DOI: 10.1453/IJMER/128

- [13] S.H.Rahul, K.Balasubramanian, Sriram Venkatesh, Inkjet Printing of “Yttria Stabilized Zirconia Nano Particles on Metal Substrates”, International Journal of Precision Engineering and Manufacturing, Vol.16, No. 12, November, 2015,ISSN 2234-7593 (Print)/ISSN 2005-4602 (Online), pp2553-2561.
- [14] M Sailender, G Chandra Mohan Reddy, S Venkatesh, N V Srinivasulu; “Influences of Submerged Arc Welding Process Parameters on Bead Geometry of low carbon alloy Steel”; International Journal on Mechanical Engineering and Robotics (IJMER); ISSN (Print) : 2321-5747, Volume-4, Issue-3,2016;pp 43-50.
- [15] M. Naveen Kumar, Sriram Venkatesh, M. Manzoor Hussain; “Design and Fabrication of Low Cost 3D Printer”; International Journal of Scientific Research in Science, Engineering and Technology Vol.3 Issue.3 May-June 2017; P-2395-1990, E-ISSN 2394-4099, IF: 3.632.
- [16] “Performance Evaluation of Various STL File Mesh Refining Algorithms Applied for FDM-RP Process”; Journal of Institution of India; published by Springer, DOI 10.1007/s40032-016-0303-4; June 2016.
- [17] M. Naveen Kumar, Sriram Venkatesh, M. Manzoor Hussain; “Influence of 3D material Properties on Quality Prototypes Using SLS and FDM Process of a 3D Printer”; International Journal of Current Engineering and Technology; Vol.7 No.3 June 2017; E-ISSN 2277-4106, P-2347-5161.
- [18] S.H.Rahul, K.Balasubramanian, Sriram Venkatesh, “Optimizing Inkjet Printing Process to Fabricate Thick Ceramic Coatings”, Ceramics International 43 (2017) 4513- 4519, Elsevier. Contents available at Science Direct.
- [19] M. Naveen Kumar, Sriram Venkatesh, M. Manzoor Hussain; “Investigation of run out of Polyamide parts in Selective Laser Sintering Process using Taguchi Method”; ISSN: 2348-3733; Vol. 4, Issue 10, Oct. 2017.
- [20] M. Naveen Kumar, Sriram Venkatesh, M. Manzoor Hussain; “Experimental Investigation on Concentricity of Polyamide Sintered Prototypes by Selective Laser Sintering Process using Taguchi Method”; IMPACT: International Journal of Research in Engineering and Technology; ISSN (P): 2347-4599; ISSN (E): 2321-8843; Vol. 5, Issue 11, Nov. 2017, 25-34.
- [21] M. Naveen Kumar, Sriram Venkatesh, M. Manzoor Hussain; “Experimental Investigations on Influence of Process Parameters in Selective Laser Sintering using Taguchi Method”; International Journal of Mechanical and Production Engineering Research and Development(IJMPERD); ISSN (P): 2249-6890; ISSN (E): 2249-8001; Vol. 7, Issue 6, Dec 2017, 45-52.
- [22] Battula Narayana, L.Mahipal Reddy, Sriram Venkatesh, CH.V.N. Dilip Kumar; “Selective Laser Sintering: Effect of Part Orientation on Building Time”; International Journal of Engineering Technology Science and Research IJETSRS; ISSN 2394-3386; Volume 4, Issue 12, December 2017.
- [23] Battula Narayana, Dr.Sriram Venkatesh; “Laser Speed Effect on Quality of Prototype Building Operation: Selective Laser Sintering”; International Journal of Engineering Technology Science and Research IJETSRS; ISSN 2394-3386, Volume 5, Issue 1, January 2018.
- [24] Battula Narayana, Sriram Venkatesh; “Experimental Study on Parametric

Optimization for Selective Laser Sintering (SLS) Prototyping Processing”; International Journal of Modern Engineering and Research Technology, ISSN: 2348-8565, Volume 5, Special Issue, June 2018.

- [25] Dr. Sriram Venkatesh, V.Murali Mohan and Dr. T. V. Kathikeyan, “ Behavioral Studies on Multi – Directionally Reinforced 4-D Orthogonal Composites on Various Perform Configurations”, World Academy of Science, Engineering and Technology, International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, Volume 8, November 3, 2014.
- [26] V.Murali Mohan, Dr. Sriram Venkatesh and Dr. T. V. Kathikeyan, “Evaluation of Physical and Mechanical Properties of 3D orthogonal non-woven Carbon-Carbon composites- a comparative study”, International Journal of Advanced Mechanical Engineering, Volume 6, November 1 (2016), pp. 27-36, Research and Publications.
- [27] Dr. T. V. Kathikeyan, V.Murali Mohan and Dr. Sriram Venkatesh, “Performance of 3D polar weave Carbon-Carbon composites in high thermal erosive environment”, International journal of Mechanical Engineering and Technology (IJMET), Volume 8, Issue 3, Mar 2017, pp. 01-09, ISSN: 0976-6359, IAEME Publication.
- [28] Sriram Venkatesh, S.H.Rahul, K.Balasubramanian, “Inkjet printing yttria stabilized zirconia coatings on porous and nonporous substrates”, Ceramics International 46 (2020) 3994-3999, ISSN: 0272-8842-Elsevier.

National Journals:

- [1] “Effect of Process Parameters on Weld bead Geometry in submerged arc welding- a Screening test using orthogonal arrays”; Manufacturing Technology Today; CMTI, Bangalore, Volume 10, February, 2011; ISSN: 0972-7396, pp19-24.
- [2] “Effect of Laser Powder and table scan speed on properties of free form fabrication of metallic components using laser engineered net shaping (LENS)”; Manufacturing Technology Today; CMTI, Bangalore, Volume 10, May, 2011; pp16-22.

International Conferences:

- [1] “Tribological use of Copper and Iron based Compositions for Porous Journal Bearings”, International Conference on Advances in Mechanical Engineering (ICAME), Indian Institute of Science, Bangalore, India, 1995, pp. 1061-1069.
- [2] “New Initiatives in Hydropower Sector; International Conference on Energy Management beyond 2000”, 19-21 October 2000, The Institution of Engineers (I), Lucknow, India, pp. 304-314.
- [3] “Prospects of Increased Indigenous Availability of Non-Conventional Energy Resources”; International Conference on Energy Management beyond 2000, 19-21 October 2000, The Institution of Engineers (I), Lucknow, India, pp. 499-508.
- [4] “Energy Recovery from Urban Municipal and Industrial waste”, International Conference on Energy Management beyond 2000, 19-21 October 2000, The Institution of Engineers (I), Lucknow, India, pp. 490-498.
- [5] “Computer Aided Design – A tool for the design of Coal Bunkers for effective Utilization of coal and reduced flow problems”; International Conference on Energy

- Management beyond 2000, 19-21 October 2000, The Institution of Engineers (I), Lucknow, India, pp. 459-467.
- [6] “Role of Rapid Prototyping in Advanced Manufacturing System”; 17th International Conference on Computer Aided Production Engineering, October, 2001; Wuhan, CHINA.
- [7] “Concurrent Engineering: Designing Quality into Products and Processes”; 17th International Conference on Computer Aided Production Engineering, October, 2001; Wuhan, CHINA.
- [8] “New Trends and Strategies to Promote Wind Energy; Proceedings of Second International Conference on Energy Research and Development”; February, 2002; Kuwait.
- [9] “Investigations of the Use of Conical Inserts to Promote Mass-Flow in Bunkers and Silos”; Proceedings of International Powder & Bulk Solids Conference; May, 2002; Illinois, USA.
- [10] “Silo Quaking –The Phenomenon of Self-Excited Flow-Induced Vibrations In Bunkers And Silos; Proceedings of International Conference and Exhibition for Handling, Processing, Storing and Transportation of Bulk Materials “BULK INDIA- 2003” December, 2003, Mumbai, India, pp. 257-260.
- [11] “Investigations of Feeder Interaction on Flow Patterns in Experimental Coal Bunkers”; 8th International Conference on Bulk Material Storage, Handling and Transportation; University of Wollongong, 5-8 July, 2004, AUSTRALIA, pp. 27-31.
- [12] “CFD Analysis of the Flow in an Automotive Headlamp”; International Conference & Exhibition on Total Engineering, Analysis & Manufacturing Technologies; Team Tech-2004; 2-4 November, 2004, IISc., Bangalore, INDIA.
- [13] “An isothermal Modelling Applied to Brake Discs”; International Conference & Exhibition on Total Engineering, Analysis & Manufacturing Technologies; Team Tech-2006; 28 February -2 March 2006, IISc., Bangalore, INDIA.
- [14] “Harmonic Analysis Of Mass-Flow Bunkers And Silos With Reference To Thermal Power Plants”, The Fifth World Congress on Particle Technology, Orlando, Florida, 23-27 April, 2006, USA.
- [15] “Modal Analysis of Coal Bunkers and Silos with Special Reference to Thermal Power Stations”, the Fifth International Conference for Conveying and Handling of Particulate Solids, Sorrento, August 27-31, 2006, ITALY.
- [16] “Evaluation of Flow Characteristics of Typical Indian Food Grains for the Design of Mass Flow Silos e-” Proceedings BULK Europe 2006 an International Conference 16-17, October, 2006’ Barcelona, SPAIN.
- [17] “Prototype Development of a Disc Coupling by Rapid Prototyping Process”; International Conference on Advances in Mechanical Engineering (ICAME- (2009), August 3-5, 2009, Department of Mechanical Engineering, SVNIT, Surat, Gujrat, India; pp 658 – 662.
- [18] “A Hybrid Differential Evolution Approach for Multi objective Job shop scheduling

- with Alternate Machines, Volume –2”; Proceedings of Third International and 24th All India Manufacturing Technology Design and Research Conference 2010, (AIMTDR- 2010), 13-15, December, 2010, Andhra University, pp 841-846.
- [19] “Design and Development of a Bezel System for Handheld Computer Terminal Volume –1”; Proceedings of Third International and 24th All India Manufacturing Technology Design and Research Conference 2010 (AIMTDR- 2010), 13-15, December, 2010, Andhra University, pp 609 -614
- [20] Published a paper titled, “A Comparative Study on Finite Element Analysis of Implants Made of Different Bio-compatible Materials for Maxillofacial Surgery “ in the 4th International Conference & Exhibition on Additive Manufacturing Technologies - AM 2014 organized by Additive Manufacturing Society of India (AMSI) held at Bangalore from 1st to 2nd September,2014.
- [21] Published a paper titled, “3D Printing an Innovative Manufacturing Tool for Next Generation Entrepreneurs” in the 2nd International Conference on Next Generation Education for Entrepreneurial Engineers” held on 9th - 10th March 2015 at SR Engineering College, Warangal
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