



CURRICULUM VITAE

1. Name : Dr. A. Krishnaiah
2. Designation : Senior Professor
3. Date of Birth/Age : 07/09/1970 (52 Years)
4. Institution : University College of Engineering (A)
Osmania University,
Hyderabad-500 007, Telangana
5. Department : Mechanical Engineering
6. Field of Specialization : Advanced Manufacturing, Metal Forming
7. Address for Correspondence : Department of Mechanical Engineering
University College of Engineering (A)
Osmania University, Hyderabad.
E-mail: arakanti@gmail.com
Ph: 9440834065 (M), 040-27097346 (O)
8. Academic Qualifications:

Degree	Institute/University	Specialization	Year of Pass	Division
B.E	University College of Engineering Osmania University	Mechanical Engineering	1994	FIRST
M.E	University College of Engineering Osmania University	Production Engineering	1998	FIRST
Ph.D	I.I.T. Madras	Processing of bulk Nanomaterials	2006	FIRST
PDF	Chungnam National University, Daejeon, South Korea	Processing of bulk Nanomaterials	2007-2008	--

9. Teaching Experience: **25 Years**

Sl. No	Organization	Designation	Period	
			From	To
1	University College of Engineering (A), OU	Senior Professor	2022	Till date
2	University College of Engineering (A), OU	Professor	2012	2022
3	University College of Engineering (A), OU	Associate Professor	2006	2012
4	University College of Engineering (A), OU	Assistant Professor	1997	2006

10. Number of Publications : **102** [Citations: **847**, h-index: **12**, i10-index: **16**]
 11. Number of Ph.Ds Guided : **10**-Awarded, **04**-Submitted, **08**-Ongoing
 12. Number of M.E. Projects Guided : **125** Completed (**5** ongoing)
 13. Research Projects :

Year of Funding	Sponsoring Organization	Title of Project	Amount (Lakh)	Co-Investigators (if any)	Duration of Project
2009	AICTE	Development of ultrafine grained high strength materials by severe plastic deformation processes	16	Dr. P. Ramesh Babu	3 Years Completed
2011	OU-DST	Investigation on Natural Circulation Loop with Compact Heat Exchanger and using Nanofluid as loop fluid.	5	Dr. G. Narendar (PI)	3 Years Completed
2013	UGC	Production of Ultra-fine grained Copper Tools by Equal Channel Angular Extrusion for micro-Machining	8.10	--	3 Years Completed
2010-2018	DST-NSTEDB	Entrepreneurship Programms	40.00	--	Completed

14. **Awards/Prizes/Fellowship/Patents:**

- a) **State Awards to Meritorious Teachers-2020 (Best Teacher-2020)** on the occasion of Teachers' day on 5th September by Govt. of **Telangana State**.
- b) **Sudharshan Bhat Memorial Prize** for the best **Ph.D Thesis** in Metallurgical & Materials Engineering for the year 2006 from **I.I.T Madras, Chennai**.
- c) **Post-doctoral fellowship** from BK21 Education Center for Advanced Intelligent Components and Materials, Chungnam National University, **South Korea** (2007-08).
- d) **Patents Patent Publications:**
 - (i) Application No. 202041038048A, Publication Date : 11/09/2020, Title: An Experimental Study to Determine the COP of the Domestic Refrigerator when the Propanebutane Combination Added to LPG.
 - (ii) Application No. 202141002714A, Publication Date : 29/01/2021, Title: Friction Stir Spot Weldments Using Different Tools Materials by Taper Thread Profile EN 31 and EN 19 on Dissimilar Metals
 - (iii) Application No. 202141027791 A, Publication Date : 09/07/2021, Title: Influence Of Welding Speed On Tensile Strength Of Welded Joint In TIG Welding Process.

15. **Countries Visited:**

USA (2005), **Canada** (2006), **South Korea** (2007-08 for PDF) **Australia** (2010), **Thailand** (2014), **China** (2014), **France** (2014) and **Switzerland** (2014).

16. Courses taught at PG and UG :

Sl. No	PG Courses	UG Courses
1	Theory of Metal Forming	Manufacturing Processes
2	Metal Cutting & Forming	Powder Metallurgy
3	Metal Processing Science	Metal Cutting and Machine Tools
4	Materials Science & Technology	Machine Drawing
5	Metal Cutting and Machine Tool Design	Nanotechnology
6	Computer Integrated Manufacturing	Mechanical Technology for Civil Engg
7	Advanced Manufacturing Techniques	
8	Material Handling (for M.E Mining Engg)	
9	Micro and Nano Manufacturing	
10	Non-Destructive Evaluation Techniques	

17. Ph.D Supervised (Awarded/Submitted)

1. **Dr. Mohd. Viquar Mohiuddin (2016), Title:** Experimental Investigation of Product Quality of Al-Si Alloy Castings Produced by Different Sand Moulding Procedures. **Osmania University**, Hyderabad, Telangana.
2. **Dr. G. Narender (2017), Title:** Experimental Investigation on the Performance of Natural Circulation Loop with Different Nanofluids. **Osmania University**, Hyderabad, Telangana.
3. **Dr. P. S. Ravi (2017), Title:** Roll Bond Evaporator for Room Air Conditioner-Design and Evaluation for Different Refrigerants. **Osmania University**, Hyderabad, Telangana.
4. **Dr. A. Siva Prasad (2017), Title:** Investigations on Electrical Discharge Machining, Wire Electrical Discharge Machining and Micro Electrical Discharge Machining. **IGNOU**, New Delhi.
5. **D. Srinivas Rao (2019), Title:** Optimization and Mathematical Modeling of Cutting Parameters & Tool Geometry for Machining Aluminized-Steel Work Material, **Osmania University**, Hyderabad, Telangana.
6. **Malothu Ramulu (2019), Title:** Investigations on the Development of High Strength and High Ductility Bulk Nanomaterials by Severe Plastic Deformation Process, **Osmania University**, Hyderabad, Telangana.
7. **Meesala Nagarjuna (2022), Title:** Experimental Investigations and Analysis on Hot Rolling of Die-Cast Al 7178 Alloy.
8. **Zeradam Yesiwas (2022), Title:** Numerical Simulation And Experimental Investigation Of Single Point Incremental Forming For Drawing Quality Steel.
9. **B. Suresh Kumar Reddy (2022), Title:** Machinability Studies on Aluminum 6061 Metal Matrix Alloys.
10. **D. Govardhan (2022), Title:** Computational Fluid Dynamics Analysis Of Thermoelectric Cooling Systems Of Electronics Packaging Of High Performance Systems.

18. (a) **Contributions to Curriculum Development at National Level:**

- (a) **Chancellor's Nominee** on the **Executive Council** of Shri Krishna AYUSH University, Kurukshetra, Haryana for a period of two years (2022-2024).
- (b) **Member**, Finance Committee, Central University of Karnataka, Kalaburagi, Karnataka for a period of three years (2022-2025)
- (c) **Member**, Preparation of Comprehensive Glossary of Engineering (English-Hindi-Telugu), Commission for Scientific and Technical Terminology, Ministry of Education (HE), Govt. of India.
- (d) **Member**, AICTE, RPS-NER & NDF Projects Evaluation Committee-2019.
- (e) **Member**, National Monitoring Committee for Education of SCs, STs and Persons with Disabilities, MHRD, New Delhi (2018 to 2021)
- (f) **Visitor's Nominee**, Pondicherry University, Puducherry (2015-2018)

(b) **Contributions to Curriculum Development at State Level:**

- (a) **Member**, Committee Constituted by Telangana State Council of Higher Education (TSCHE) to establishing of IIIT Gadwal, Jogulamba-Gadwal (Dist.) (2021)
- (b) **Member**, Committee Constituted by Telangana State Council of Higher Education (TSCHE) to establishing of JNTU College of Engg., at Rajanna Sircilla Dist. (2019)
- (c) **Member**, Committee Constituted by Telangana State Council of Higher Education (TSCHE) to establishing of RGUKT, at Wanaparthy, Mahabubnagar (Dist.) (2018)
- (d) **Member**, Proh. & Excise Dept., Feasibility to Introduce Palm Tree climber machines in the State of Telangana (2017).
- (e) **External Member**, DRDO Assessment/selection committee for Scientists/Technical officers.
- (f) **Member**, Institute Management Committee of Advanced Training Institute (ATI), Vidyanagar, Hyd. (Ministry of **Skill Development** & Entrepreneurship)
- (g) **Co-Convener**, TS PGEC/PGECET-2015-22 Admissions appointed by TSCHE, Hyderabad.
- (h) **Member**, Laboratory Level Awards Committee, ASL, DRDL, Hyderabad.
- (i) **Member**, TSPSC & APPSC - Confidential Work, Govt. of Telangana & Govt. of AP.
- (j) **Task Force Committee Member**, for inspection of Private Engineering Colleges in AP, constituted by Govt. of AP (2012) and TS.
- (k) **Member**, Confidential Team EAMCET-2016, JNTUH, Hyd.
- (l) **Regional Co-ordinator**, (Hyderabad Central Zone) TS EAMCET-2021-22
- (m) **Regional Co-ordinator**, (Hyderabad Central Zone) TS ECET-2018-19.

19. (a) **Administrative Positions at University Level:**

- (a) **Director**, Entrepreneurship Development Cell, Osmania University (2010-till date)
- (b) **Additional Controller of Examinations** (P-1), Exam Branch, OU (2013 to 2015)
- (c) **Chairman**, Board of Studies in Mechanical Engineering (OU), (2010 to 2012)
- (d) **Joint Director**, Publications & Press, Osmania University (2008-10)
- (e) **Chairman**, Board of Studies in Mechanical Engineering, Mahatma Gandhi University, Nalgonda, T.S

(b) Administrative Positions at College Level:

- (a) **Principal** I/c, University College of Engineering, OU
- (b) **Vice-Principal**, University College of Engineering, OU (Feb 2017 to Nov 2018)
- (c) **Convener**, PTPG-2018 admissions, University College of Engineering, OU
- (d) **Chairman**, Board of Studies in Mechanical Engineering (Autonomous), (2009 to 2013)

(c) Administrative Positions at Department Level:

- (a) **Head**, Dept. of Mechanical Engineering, UCE, OU (2015 to 2017)
- (b) **Member**, DC, Mechanical Engineering Dept., UCE, OU (1998-2002 & 2011-till date)
- (c) **Member**, DRC, Mechanical Engineering Dept., UCE, OU (2010-till date)
- (d) **Faculty Adviser**, M.E. (Tool Design) (2011- 2015 & 2019-till date)
- (e) **Faculty Adviser**, M.E. (Production) (2005-07 and 2008-2011)
- (f) **In-charge**, Production Engineering Laboratory (2005-07, 2008-2011 & 2015- till date)

20. **Contributions to Curriculum Development Govt./Private Colleges:**

- (a) **Member**, Board of Studies in Mechanical Engineering
 - ✚ GMRIT, Rajam, Srikakulam Dist, AP (2014-till date)
 - ✚ Institute of Aeronautical Engineering (IARE) (2015- till date)
 - ✚ Sri Vasavi Engineering College, Tadepallygudem, (2017-till date)
 - ✚ CMRCET, Medchal, Hyderabad (2019-till date)
 - ✚ Amrita Sai Institute of Science & Technology, Vijayawada (2018-till date)
 - ✚ Nalla Malla Reddy College of Engineering, Hyderabad (2021-till date)
 - ✚ JNTU Hyderabad (2018-2021)
 - ✚ JNTU Kakinada (2016-2017)
 - ✚ SNIST, Ghatkesar, R.R Dist. (2009-2014)
 - ✚ CVRCE, Ibrahimpatnam, R.R Dist. (2010-2019)
 - ✚ SREC, Warangal (2015-2016)

21. **Membership of Professional Bodies**

- (a) **Life Member**, International Association of Engineers (IAENG-229006), Hong Kong
- (b) **Life Member**, Indian Society of Theoretical and Applied Mechanics (ISTAM), India
- (c) **Life Member**, The Indian Society for Technical Education (ISTE), India
- (d) **Fellow**, Indian Society of Mechanical Engineers (ISME), India
- (e) **Life Member**, Indian Welding Society (IWS), India
- (a) **Fellow**, Institution of Engineers (India), Telangana State.

- 22. Paper Publications: ---- List Enclosed
- 23. Seminars/Conferences/Symposia/Workshops Attended: ---- List Enclosed
- 24. Orientation/Short-Term Courses Attended: ---- List Enclosed
- 25. Workshops/Training Programmes Conducted: ---- List Enclosed
- 26. Resource Person in Seminars/Workshops/Training Programs ---- List Enclosed
- 27. Entrepreneurship Programmes Conducted ---- List Enclosed

LIST OF PUBLICATIONS

1. Refereed International Journals

1. Gajalappa, Y., **Krishnaiah, A.**, Kumar, K.B., ...Saxena, K.K., Goyal, P., Flow Behaviour Kinetics of Inconel 600 Superalloy under Hot Deformation using Gleeble 3800, *Materials Today: Proceedings*, 2021, 45, pp. 5320–5322.
2. Mrudula, G., Bhargavi, P., **Krishnaiah, A.**, Effect of Tool Material on Mechanical Properties of Friction Stir Welded Dissimilar Aluminium Joints, *Materials Today: Proceedings*, 2020, 38, pp. 3306–3313
3. Zeradam Yeshiwas and **Arkanti Krishnaiah**, Extraction of Coordinate Points for the Numerical Simulation of Single Point Incremental Forming Using Microsoft Excel, Springer Nature Switzerland AG 2020, 579–588, https://doi.org/10.1007/978-3-030-24314-2_69.
4. Zeradam Yeshiwas and **Arkanti Krishnaiah**, Spiral Tool path Definition and G-code Generation for Single Point Incremental Forming, *Journal of Mechanical Engineering*, Vol 17(1), 91-102, 2020.
5. Zeradam Yeshiwas and **Arkanti Krishnaiah**, Numerical Simulation and Experimental Validation of Thickness Distribution in Single Point Incremental Forming for Drawing Quality Steel, *International Journal of Applied Engineering*, Volume 15, Number 1 (2020) pp. 101-107.
6. Zeradam Yeshiwas and **Arkanti Krishnaiah**, Effect Of Toolpath Strategy And Tool Rotation On Formability In Single Point Incremental Forming, *International Journal of Mechanical and Production Engineering Research and Development*, Vol. 10, Issue 3, Jun 2020, 15889-15902.
7. Zeradam Yeshiwas and **Arkanti Krishnaiah**, Numerical Simulations and Experimental Studies on the Formability of Drawing Quality Steel in Single Point Incremental Forming, *Journal of Mechanical Engineering*, Vol 18(1), 137-156, 2021.
8. Malothu Ramulu and **Arkanti Krishnaiah**, Numerical Simulation of Channel Angles and Their Combination Influence on Plastic Deformation Behaviour of Pure Al Processed by Equal Channel Angular Pressing, *Advances in Simulation, Product Design and Development, Lecture Notes on Multidisciplinary Industrial Engineering*, Springer Nature Singapore Pte Ltd. 2020, **Chapter 36**, 451-458, (2020). https://doi.org/10.1007/978-981-32-9487-5_36.
9. Sabitha, K.C., Ravinder Reddy, P., **Krishnaiah, A.**, Uday Kumar, R., Evaluation of strain hardening exponent of tailor welded sheet metal blanks, *Journal of Advanced Research in Dynamical and Control Systems*, 2019, 11(7 Special Issue), pp. 600–605
10. Malothu Ramulu and **Arkanti Krishnaiah**, The Effect of Die Channel Angles and their Combination on Plastic Deformation of Pure Copper During Equal Channel Angular Pressing Using Finite Element Modelling, *Advanced Engineering Forum*, Trans Tech Publications, Switzerland, Vol. 31, **February, 2019**, 63-69.

11. Sabitha, K.C., Ravinder Reddy, P., **Krishnaiah, A.**, Uday Kumar, R., Evaluation of Mechanical Properties of Tailor Welded Sheet Metal Blanks, IOP Conference Series: Materials Science and Engineering, 2018, 455(1), 012061.
12. Nagarjuna M, Dr. Gajanana S and **Dr. Krishnaiah**, Investigation to Optimize Process Parameters on Mechanical Properties of Aluminium Alloy in Die Casting Using Taguchi Method, Journal of Manufacturing Technology Today (MTT) (ISSN: 0972-7396), a monthly technical journal from Central Manufacturing Technology Institute (CMTI), Bangalore, Vol.17, Issue 10, **October (2018)** 19-27.
13. Nagarjuna M, Dr. Gajanana S and **Dr. Krishnaiah**, Experimental investigations of Mechanical Properties of Al 7178 Metal Matrix Reinforced with Silicon Carbide, International Journal for Research in Engineering Applications and Management, Vol.9, Issue 4, **December, 2018**.
14. G. Madhusudhan Reddy, M. S. R. Prasad, **A. Krishnaiah**, P. Ramesh Babu, Editorial Preface: A Special Issue on Advances in Materials and Manufacturing, Materials Today: Proceedings, Volume 5, Issue 13, Part 3, **2018**, Pages 26793-26798.
15. D Srinivas Rao, **Krishanaiah A**, Y Krishn, Syed Adil, Optimization of Cutting Parameters for Improvement in the Machining Performance on Fe-Al Mechanical Alloy, Materials Today: Proceedings 5 (**2018**) 27193–27198.
16. M. Ravi Kumar, **A. Krishnaiah** and Ravi Shankar, KalvacExperimental Study on Micro Machining of SS304 by Using Electric Discharge Machining, Materials Today: Proceedings 5 (**2018**) 27269–27276.
17. K. Buschaiah, M. JagadeeswaraRao, **A. Krishnaiah**, Investigation On The Influence Of Edm Parameters On Machining Characteristics For AISI 304, 5 (**2018**) 3648-3656.
18. PavanKumar Thimmaraju, **Krishnaiah Arkanti**, G. Chandra Mohan Reddy, Parametric Analysis of Friction Stir Welding Process, 5 (**2018**) 26981-26989.
19. D Srinivas Rao, **A Krishnaiah**, Y Krishna, Syed Adil. “Mathematical Modeling using Artificial Neural Networks for Quality Evaluation in the Machining of Fe-Al Alloy with PCBN Tools”. Asian Journal of Convergence in Technology (AJCT), Volume 3, Issue 3, December 2017.
20. D Srinivas Rao, **A Krishnaiah**, Y Krishna, Syed Adil. “Modeling of Machining Performance on Fe-Al Alloy using Artificial Neural Networks”. International Journal of Engineering Technology Science and Research (IJETSR). Volume4, Issue 11, November 2017.
21. D. S. Rao, **A. Krishnaiah**, Y. Krishna and S. Adil, "Optimization of Cutting Parameters for Improved Machining of Fe-Al alloy," Published in IEEE Xplore Digital Library on December 21, 2017, pp. 1203-1206.
22. D Srinivas Rao, **A Krishnaiah**, Y Krishna, Syed Adil. “Sustainable Machining of Fe-Al Mechanical Alloy using PCBN Tool Inserts”. International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE).Volume 2, Issue 3, March 2017.

23. P. S. Ravi, **A. Krishnaiah**, Md. Azizuddin, Suresh Akella, Design and Experimentation of Roll Bond Evaporator for Room Air Conditioner with R-22 as Refrigerant, *International Journal of Engineering, IJE TRANSACTIONS A: Basics* Vol. 30, No. 4, (**April 2017**) 558-566.
24. P. S. Ravi, **A. Krishnaiah**, Md. Azizuddin, Design of Roll Bond Evaporator for Room Air Conditioner using Eco-friendly Refrigerant, R-32 (DiFluoroMethane), *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 5, Issue 6, **June 2016**, 9537-9543.
25. P.S.Ravi, **Arkanti Krishnaiah**, Suresh Akella, Md. Azizuddin, Design of Roll Bond Evaporator for Room Air Conditioner, *International Journal of Engineering Research & Technology (IJERT)*, Vol. 4 Issue 11, (**2015**), 315-320.
26. P.S.Ravi, **Arkanti Krishnaiah**, Suresh Akella, Md. Azizuddin, Evaluation Of Inside Heat Transfer Coefficient of Roll Bond Evaporator for Room Air Conditioner, *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 4, Issue 5, (**2015**), 3378-3384.
27. S. Ferhathullah Hussainy, M. Viquar Mohiuddin, P. Laxminarayana, **A. Krishnaiah**, S. Sundarrajan, A Practical Approach to Eliminate Defects in Gravity Die Cast Al-Alloy Casting Using Simulation Software, *International Journal of Research in Engineering and Technology*, Volume: 04 Issue: 01, (**2015**).
28. Siva Prasad Arikatla, K.Tamil Mannan and **Arkanti Krishnaiah**, Experimental Investigations on Kerf width and Material Removal Rate in Wire Electric Discharge Machining of Titanium Alloy, *International Journal of Emerging Research in Management & Technology (IJERMT)*, Vol. 4, Issue 11, **2015**.
29. M. Viquar Mohiuddin, **A. Krishnaiah**, S. Ferhathullah Hussainy, Effect of Composition of Sand Mold on Mechanical Properties and Density of Al-Alloy Casting Using Taguchi Design Approach, *International Journal of Engineering Research and Application*, ISSN : 2248-9622, Vol. 5, Issue 3, (**2015**), pp.37-41.
30. M. Viquar Mohiuddin, **A. Krishnaiah**, S. Ferhathullah Hussainy, Influence of Sand Molding Process Parameters on Product Quality of Al-Si Alloy Casting - An Anova Approach, Published in *International Journal of Advance Research in Science and Engineering*, ISSN-2319-8354(E), Vol. 4, Special Issue (01), (**2015**), pp. 1751-1760.
31. Mohammed Viquar Mohiuddin, Syed Ferhathullah Hussainy, **A. Krishnaiah**, P. Laxminarayana and S. Sundarrajan, Experimental Study of Sand Mold Process Parameters on Al-Alloy Sand Casting using DoE, *ISOR Journal of Mechanical and Civil Engineering*, Volume 11, Issue 6, (**2014**), pp. 01-06.
32. Ganesh B.K.C, W. Sha, N. Ramanaiah, **Arkanti Krishaniah**, Effect of Shot Peening on Sliding Wear and Tensile Behavior of Titanium Implant Alloys, *International Journal of Materials & Design*, Volume-56, April (**2014**), Pages 480-486.

33. Narender G, **Arkanti Krishaniah**, N.V.S.S Gupta, Experimental Investigation on Natural Circulation Loop with Different States of Loop Fluid at the Starting of Activation of the Circulation Loop, International Journal of Engineering Research & Technology, Vol. 3 Issue 11, November-(2014), 456-1459.
34. Chandrakanth Achelker N. Srinivasa Rao, R. Rajendra, **Arkanti Krishaniah**, Performance Evaluation of Machine Tool Probe for In-process Inspection of 2D and 3D Geometries, International Journal of Procedia Technology, Volume-14 (2014), 244–251.
35. Siva Prasad Arikatla, **Arkanti Krishnaiah** and K.Tamil Mannan, Optimization of Electric Discharge Machining Response Variables using Design of Experiments, International Journal of Mechanical and Production Engineering, Volume-2, Issue-1, (2013) 82-87.
36. K.Tamil Mannan, Arkanti Krishnaiah and Siva Prasad Arikatla, “Surface Characterization of Electric Discharge Machined Surface of High Speed Steel” International Journal of Advanced Materials Manufacturing and Characterization, IJAMMC, ISSN No. : 2277 – 3886, p no 161-168, Vol 3, Issue 1, 2013.
37. Siva Prasad Arikatla, K.Tamil Mannan & **Arkanti Krishnaiah**, Investigations on Surface Characterization of Wire Electric Discharge Machined Surface of Titanium Alloy, International Journal of Engineering Research and Tech., IJERT, ISSN No. : 0974-3154, p no 773-780, Vol. 6, No. 6, 2013.
38. Siva Prasad Arikatla, **Arkanti Krishnaiah** and K.Tamil Mannan, Analysis of White Layer and Heat Affected Layer in Electric Discharge Machined Surface of AISI T1 High Speed Steel International Journal of Composites Materials and Manufacturing, IJCMM, ISSN No. : 2249 – 4030, p no. 1-7, Vol 1, Issue 1, 2013.
39. Siva Prasad Arikatla, K.Tamil Mannan and **Arkanti Krishnaiah**, “Influence of Pulse Current & Pulse on Time on MRR and Surface Roughness in Electric Discharge Machining of AISI T1 HSS”, Advances in Engineering and Technology Series 03, ACEEE, ISSN: 2214-0344.
40. M. Ramulu, DVR Murty and **A. Krishnaiah**, The Study of Plastic Deformation behaviour of IF Steel during Equal Channel Angular Pressing through 120° die angle by FEM, IJNT: Volume 3, Number 2, (2012) 49-53.
41. G. Mrudula, B. Srinivasulu and **A. Krishnaiah**, Investigation on Mechanical and Microstructural Behaviour of Friction Stir Weldments of ZE42 Magnesium Alloy, International Journal of Emerging Technology and Advanced Engineering, Volume 2, Issue 8, (2012) 190-197.
42. H. J. Jeong, **A. Krishnaiah**, S. C. Yoon, U. Chakkingal, S.Y. Kang and Hyoung Seop Kim, Finite Element and Experimental Analyses of Repetitive Bending and Straightening of Commercially Pure Copper, Reviews on Advanced Materials Science 28 (2011) 79-84.
43. **A. Krishnaiah**, K. Kumaran and Uday Chakkingal, Finite Element Analysis of Multi-Pass Equal Channel Angular Extrusion/Pressing Process, Material Science Forum, 654-656 (2010) 1574-1577.

44. Pham Quang, **A. Krishnaiah**, Sun Ig Hong and Hyoung Seop Kim, Coupled Analysis of Heat Transfer and Deformation in Equal Channel Angular Pressing of Al and Steel, *Materials Transactions*, 50 (2009) 40-43.
45. Seung Chae Yoon, **A. Krishnaiah**, Uday Chakkingal and Hyoung Seop Kim, Severe Plastic Deformation and Strain localization in Groove Pressing, *Computational Materials Science*, 43 (2008) 641-645.
46. **A. Krishnaiah**, Uday Chakkingal and Hyoung Seop Kim, Mechanical Properties of Commercially Pure Aluminium Subjected to Repetitive Bending and Straightening Process, *Transactions of Indian Institute of Metals*, 61(2008) 1-3.
47. Seung Chae Yoon, Min Hong Seo, **A. Krishnaiah**, Hyoung Seop Kim, Finite element analysis of rotary-die equal channel angular pressing, *Materials Science & Engineering A*, 490 (2008) 289-292.
48. **A. Krishnaiah**, Uday Chakkingal and P. Venugopal, Microstructure and Mechanical Properties of Commercial Purity Copper Resulting from Repeated Groove Pressing Followed by Cold Rolling. *Material Science Forum*, 539 (2007) 2198-2203.
49. **A. Krishnaiah**, Uday Chakkingal and P. Venugopal, Microstructure and Mechanical Properties Resulting from Cold Rolling of Equal Channel Angular Extruded Commercial Purity Copper. *Material Science Forum*, 503 (2006) 733-738.
50. **A. Krishnaiah**, Uday Chakkingal and P. Venugopal, Applicability of the Groove Pressing Technique for Grain Refinement in Commercial Purity Copper. *Material Science and Engineering A*, 410 (2005) 337-340.
51. **A. Krishnaiah**, Uday Chakkingal and P. Venugopal, Production of Ultrafine Grain Sizes in Aluminium Sheets by Severe Plastic Deformation Using the Technique of Groove Pressing. *Scripta Materialia*, 52 (2005) 1229–1233.

2. Presented/Proceedings: International Conferences

1. B. Suresh Kumar Reddy, Dr. S. Gajanana, **Dr. A. Krishnaiah**, Development of Regression Model for Surface Roughness on Al 6061 Alloy, *The World Congress on Engineering*, London, U.K., 7-9 July, 2021.
2. D Srinivas Rao, **A Krishnaiah**, Y Krishna, Syed Adil. “Optimization of Cutting Parameters for Improvement in the Machining Performance on Fe-Al Mechanical Alloy”. *International Conference on Advances in Materials & Manufacturing (ICAMM-2016)*. Jointly organised by Department of Mechanical Engineering, University College of Engineering, Osmania University and Defence Research and Development Laboratory, DRDO, Hyderabad, December 08-10, 2016.
3. D Srinivas Rao, **A Krishnaiah**, Y Krishna, Syed Adil. “Machining Improvement of Aluminum-Steel Alloy through Optimization of Cutting Parameters”. *International Conference on Recent*

Innovations in Production Engineering (RIPE-2017). Organised by Department of Production Technology, Madras Institute of Technology Campus, Anna University, Chennai, March 24-25, 2017.

4. Pavan Kumar Thimmaraju, G. Chandra Mohan Reddy and **Krishnaiah Arakanti**, Optimization of Process Parameters of FSW Process for Better Mechanical and Microstructural Properties, 6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016), College of Engineering, Pune, Maharashtra, INDIA, **December 16-18, 2016**, 1901-1905.
5. Pavan Kumar Thimmaraju, G. Chandra Mohan Reddy and **Krishnaiah Arakanti**, Comparative Study to Illustrate the Influence of Tool Geometry on Material Flow Pattern in Friction Stir Welding Process, 6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016), College of Engineering, Pune, Maharashtra, INDIA, **December 16-18, 2016**, 1126-1130.
6. Pavan Kumar Thimmaraju, G. Chandra Mohan Reddy and **Krishnaiah Arakanti**, Comparison of Microstructure and Mechanical Properties of Friction Stir Welding of Aluminium Alloy with Stainless Steel with Different Tool Profiles, 6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016), College of Engineering, Pune, Maharashtra, INDIA, **December 16-18, 2016**, 670-673.
7. M. Ramulu and **Arakanti Krishnaiah**, Experimental Analysis on Mechanical Behaviour of Commercially Pure Copper Processed by Severe Plastic Deformation Via Equal Channel Angular Pressing, 6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) College of Engineering, Pune, Maharashtra, India, **December 16-18, 2016**, 1166-1180.
8. M. Viqar Mohiuddina, **A. Krishnaiah**, S. Ferhathullah Hussainy, P. Laxminarayana, Influence of Process Parameters on Quality of Al7SiMg Alloy Casting using Statistical Techniques, *Materials Today: Proceedings* 3 (2016) 3726–3733.
9. **A. Krishnaiah** and M. Ramulu, Experimental Study on Mechanical Properties of Commercially Pure Copper Processed by Severe Plastic Deformation Technique-Equal Channel Angular Extrusion, 18th International Conference on Manufacturing Engineering and Technology (ICMET-2016), Los Angeles, USA, April 4-5, 2016.
10. M. Viqar Mohiuddin, **A. Krishnaiah**, S. Ferhathullah Hussainy, Influence of Sand Molding Process Parameters on Product Quality of Al-Si Alloy Casting-An ANOVA Approach, International Conference on Recent Trends in Engineering Science and Management, JNU New Delhi, ICRTESM , **2015**.
11. Siva Prasad Arikatla, **Arakanti Krishnaiah** and K.Tamil Mannan, “Optimization of Electric Discharge Machining response variables using Design of Experiments”, International Conference on Advanced Research in Mechanical Engineering, Nov 2012, IRNet, Pune, India.

12. K.Tamil Mannan, **Arkanti Krishnaiah** and Siva Prasad Arikatla, “Surface Characterization of Electric Discharge Machined Surface of High Speed Steel”, 2nd Annual International Conference on Material Processing and Characterization (ICMPC 2013), March 2013, GRIET, Hyderabad, India.
13. Siva Prasad Arikatla, K.Tamil Mannan and Arkanti Krishnaiah, “Investigations on Surface Characterization of Wire Electric Discharge Machined Surface of Titanium Alloy”, International Conference on “Advances in Mechanical, Automobile & Aerospace Engineering (AMAEE 2013), September 2013, New Delhi, India.
14. Siva Prasad Arikatla, **Arkanti Krishnaiah** and K.Tamil Mannan, “Analysis of White Layer and Heat Affected Layer in Electric Discharge Machined Surface of AISI T1 High Speed Steel” 2nd International Conference on Applications of Optimization Techniques in Engineering (ICAOTE 2013), September 2013, Kodaikanal, India.
15. Siva Prasad Arikatla, **Arkanti Krishnaiah** and K.Tamil Mannan, “Influence of EDM Process Parameters on Surface Integrity of AISI T1 HSS”, 1st International Conference on Emerging Trends in Engineering and Technology, October 2013, Munnar, India.
16. Siva Prasad Arikatla, K.Tamil Mannan and **Arkanti Krishnaiah**, “Influence of Pulse Current & Pulse on Time on MRR and Surface Roughness in Electric Discharge Machining of AISI T1 HSS”, 4th International Conference on Emerging Trends in Engineering and Technology (IETET 2013), October 2013, Kurukshetra, India.
17. Siva Prasad Arikatla, K.Tamil Mannan and **Arkanti Krishnaiah**, “Optimization of Wire Electric Discharge Machining Process Parameters on kerf width in Machining of Titanium Alloy using Response Surface Methodology”, International Conference on Recent Trends in Science and Engineering, December 2015, Amaravathi, Maharashtra, India.
18. Siva Prasad Arikatla, K.Tamil Mannan and **Arkanti Krishnaiah**, “Optimization of Wire Electric Discharge Machining Process Parameters on MRR in Machining of Titanium Alloy using Response Surface Methodology”, International Conference on Advanced and Agile Manufacturing Systems (ICAM 2015), December 2015, Sulthanpur, UP, India.
19. Siva Prasad Arikatla, K.Tamil Mannan and **Arkanti Krishnaiah**, “Optimization of Wire Electric Discharge Machining Process Parameters on Surface Roughness in Machining of Titanium Alloy using RSM”, International Conference on Productivity, Efficiency and Competitiveness in Design and Manufacturing (PECDM 2016), January 2016, Coimbatore, TN, India.
20. **Arkanti Krishnaiah**, Nitish S, The sixth International Conference on Nanomaterials by Severe Plastic Deformation (NanoSPD6-2014) Metz, France 30 June-04 July, 2014.
21. **Arkanti Krishnaiah**, Finite Element Modeling of Copper by Equal Channel Angular Extrusion, 5th International Conference on Manufacturing Science and Engineering (ICMSE-2014) Shanghai, **China** 19 -20 April, 2014.

22. **Arkanti Krishnaiah** Padavala Anand and Maloth Ramulu, Evaluation of Mechanical Properties of Commercially Pure Aluminium Deformed by Equal Channel Angular extrusion, International conference on Advances in Civil, Structural and Mechanical Engineering (ACSME-2014), Bangkok, **Thailand**, 4-5 January, **2014**
23. Hyoung Seop Kim and **A. Krishnaiah**, Processing Design of Groove Pressing for Homogeneous Ultrafine Grained Materials, The 7th Pacific Rim International Conference on Advanced Materials and Processing, Cairns, **Australia**, 1-6 August, **2010**.
24. **A. Krishnaiah**, K. Kumaran and Uday Chakkingal, Finite Element Analysis of Multi-Pass Equal Channel Angular Extrusion/Pressing Process, The 7th Pacific Rim International Conference on Advanced Materials and Processing, Cairns, **Australia**, 1-6 August, **2010**.
25. Syed Yousuf Haq and **A. Krishnaiah**, Experimental Investigations on Influence of Process Parameters on Weld Strength of Friction Stir Welded Aluminium Alloy, Symposium on Aluminum Alloys: Fabrication, Characterization and Applications, Seattle, **USA**, 14-18 February, **2010**.
26. Seung Chae Yoon, **A. Krishnaiah**, and Hyoung Seop Kim, Finite Element Analysis of Equal Channel Five-angular Pressing, 2nd International & 23rd AIMTDR Conference (AIMTDR-2008), **I.I.T Madras**, December 15-17, **2008**.
27. **A. Krishnaiah**, Seung Chae Yoon, Uday Chakkingal, Hyoung Seop Kim, Finite Element and Experimental Analyses of Repetitive Bending and Straightening of Commercially Pure Copper, The Eighth Asia-Pacific Conference on Materials Processing (8th APCMP, 2008), June 15-20, **2008**, Guilin-Guangzhou, **China**.
28. **A. Krishnaiah**, Uday Chakkingal and Hyoung Seop Kim, Mechanical Properties of Commercially Pure Aluminium Subjected to Repetitive Bending and Straightening Process, International Conference on Metals and Alloys: Past, Present and Future" (METALLO-2007), **I.I.T Kanpur**, India, December 7-10, **2007**.
29. **A. Krishnaiah**, Uday Chakkingal and P. Venugopal, Microstructure and Mechanical Properties of Commercial Purity Copper Resulting from Repeated Groove Pressing Followed by Cold Rolling. International Conference on Processing & Manufacturing of Advanced Materials (THERMEC'2006), 4-8 July, **2006** Vancouver, **Canada**.
30. **A. Krishnaiah**, Uday Chakkingal and P. Venugopal Microstructure and Mechanical Properties Resulting from Cold Rolling of Equal Channel Angular Extruded Commercial Purity Copper. The Third International Conference on Nanomaterials by Severe Plastic Deformation (NanoSPD3), Fukuoka, **Japan**, 22-26 September, **2005**.
31. **A. Krishnaiah**, Uday Chakkingal and P. Venugopal, Applicability of the Groove Pressing Technique for Grain Refinement in Commercial Purity Copper. The Langdon Symposium: Flow and Forming of Crystalline Materials, San Francisco, California, **USA**, 13-17 February, **2005**.

32. **A. Krishnaiah**, K. Kumaran, Uday Chakkingal and P. Venugopal Finite Element Analysis of Equal Channel Angular Extrusion (ECAE) Process. International Symposium for Research Scholars (ISRS-2004), **IIT Madras**, 20-22 December, 2004.
33. **A. Krishnaiah**, Uday Chakkingal and P. Venugopal Production of Ultrafine Grain Sizes in Aluminium Sheets by Severe Plastic Deformation Using the Technique of Groove Pressing, The Eighth International Conference on Non-Ferrous Metals (Non-ferrous Meet-2004), **Bangalore**, 6-7 August 2004.

3. Presented/Published in National Conferences

1. V. Poojitha, **A. Krishnaiah**, Defect prediction in Friction Stir Welding using Zener Hollomon Parameter at the National Conference on Emerging Trends in Mechanical Engineering (**ETIME-2014**) 29-30 December 2014, Dept. of Mechanical Engineering, Osmania University, Hyderabad, ISBN 978-9383635-55-9
2. B. Hazya, **A. Krishnaiah**, Effect of Process Parameters on Machining Glass by Abrasive Jet Machine- A study at the National Conference on Emerging Trends in Mechanical Engineering (**ETIME-2014**) 29-30 December 2014, Dept. of Mechanical Engineering, Osmania University, Hyderabad, ISBN 978-9383635-55-9
3. G Narender, **A. Krishnaiah**, Preparation and Characterization of Nanofluids for use in Natural Circulation Loop, National Conference on Emerging Trends in Mechanical Engineering (**ETIME-2014**), 29-30 December, 2014, UCE, Osmania University, ISBN 978-9383635-55-9
4. **M. Ramulu, A. Krishnaiah and S. Ramachandram** Processing of Materials by Equal Channel Angular Pressing Recent Advances in Mechanical Engineering (**RAME 2012**), **Osmania University, Hyderabad**, 16-17 March, 2012.
5. **B.K.C Ganesh, N. Ramanaiah and A. Krishnaiah** Effect of Heat Treatment and Shot-Peening on Dry Sliding Wear of Ti-6Al-4V Titanium implant Material, Recent Advances in Mechanical Engineering (**RAME 2012**), **Osmania University, Hyderabad**, 16-17 March, 2012.
6. **C. Jai Siva Rao and A. Krishnaiah** Finite Element Simulation on the Deep Drawing of Ti alloy, Recent Advances in Mechanical Engineering (**RAME 2012**), **Osmania University, Hyderabad**, 16-17 March, 2012.
7. **G. Narendar, A. Krishnaiah and A.V.S.S.K Gupta** CFD Study of Natural Circulation Loop, Recent Advances in Mechanical Engineering (**RAME 2012**), **Osmania University, Hyderabad**, 16-17 March, 2012.
8. **P.S Ravi, A. Krishnaiah and Suresh Akella** Futute AC's – Aesthetic Beauties (Air Conditioners with Roll Bond Evaporators), Recent Advances in Mechanical Engineering (**RAME 2012**), **Osmania University, Hyderabad**, 16-17 March, 2012.
9. **A. Krishnaiah, J. Deepa and K. Buchaiah**, Influence of Process Parameters on Machining of 304 SS and Al by EDM. National Conference on Recent Trends in Manufacturing Technology (**RTMT 2011**), **Anna University, Chennai**, 11-12 March, 2011.

10. **A. Krihnaiah, Uday Chakkingal and P. Venugopal** Study of Constrained Groove Pressing Technique for Grain Refinement and Property Enhancement in Bulk Metallic Materials. Annual Technical Meeting & NMD, organized by Indian Institute of Metals (**IIM**), **Kolkata**, 14-16 November, 2003.
11. **A. Krihnaiah, Uday Chakkingal and P. Venugopal** Repetitive Bending and Straightening for Grain Refinement of Commercially Pure Copper. Conference of Research Scholars on Materials Science and Engineering (**CRSMSE-2003**), **IIT Kharagpur**, 30-31 August, 2003.
12. **A. Krihnaiah, Uday Chakkingal and P. Venugopal** Development of Microstructures and Mechanical Properties in Commercial Purity Copper After a Combination of Equal Channel Angular Extrusion and Cold Rolling. Annual Technical Meeting & NMD, organized by Indian Institute of Metals (**IIM**), **Trivandrum**, 17-19 November, 2004.

4. Seminars/Conferences/Symposia/Workshops etc. Attended

Sl. No.	Name of the Seminar, Conference etc.	Sponsored/ Organized by	Place & Date
1.	The World Congress on Engineering, London, U.K.	International Association of Engineers (IAENG)	7-9 July, 2021 London, U.K (online)
2.	7 th International & 28 th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2018)	Anna University, Chennai, Tamil Nadu,	13-15 December, 2018 Anna University, Chennai, Tamil Nadu, India
3.	The 6 th International Conference on Nanomaterials by Severe Plastic Deformation (NanoSPD6-2014)	Labex, DAMAS	Metz, France 30 June-04 July, 2014.
4.	The 5 th International Conference on Manufacturing Science and Engineering (ICMSE-2014)	Beijing Institute of Science & Technology	Shanghai, China 19 -20 April, 2014.
5.	International conference on Advances in Civil, Structural and Mechanical Engineering (ACSME-2014)	IRED	Bangkok, Thailand , 4-5 January, 2014
6.	The 7 th International Conference on Advanced Materials & Processing (PRICM 7)	Materials Australia	Cairns, Queensland, Australia 2-6 August, 2010
7.	National Workshop on Overview of Nanotechnology and its Emerging Applications-2009	TEQIP UCE, AU	MED, Andhra University, Visakhapatnam 18-20 March, 2009
8.	2 nd International & 23 rd AIMTDR Conference (AIMTDR-2008)	I.I.T Madras	I.I.T Madras December 15-17, 2008
9.	National Conference on Advanced Materials and Processing	CNU, South Korea	Daejeon, South Korea , 18-19 February, 2008
10.	International Conference on Metals and Alloys: Past, Present and Future (METALLO 2007)	I. I. T Kanpur	I I T Kanpur, UP 7-10 December, 2007
11.	Services to Community and Tribal Development	TEQIP UCE, OU	UCE, OU, Hyderabad 21-22 February, 2007
12.	Networking activities for TEQIP Institutions	TEQIP UCT, OU	Hyderabad , 25-26 September, 2006
13.	Non-Destructive Testing (NDT)	TEQIP UCE, OU	MED, UCE, OU Hyd, 23-24 September, 2005
14.	Entrepreneurship Skills for Professionals	IPE, OU	Hyderabad 18-19 August, 2006
15.	International Conference on Processing & Manufacturing of Advanced Materials (THERMEC'2006)	THERMEC	Vancouver, Canada 4-8 July, 2006
16.	Productivity Summit 2006	IMTMA Bangalore	Chennai 20-22 April, 2006

17.	Advances in Computational Structural Mechanics and Fluid Flows	TEQIP UCE, OU	MED, UCE, OU Hyderabad, 5 th December 2005
18.	The Langdon Symposium: Flow and Forming of Crystalline Materials	TMS	San Francisco, USA 13-17 February, 2005
19.	International Symposium for Research Scholars (ISRS-2004)	I. I. T Madras	I. I. T. Madras 20-22 December, 2004
20.	Annual Technical Meeting & NMD	Indian Institute of Metals(IIM)	Trivandrum 17-19 November, 2004
21.	The Eighth International Conference on Non-Ferrous Metals (Non-Ferrous Meet-2004)	Non-Ferrous Society of India	Bangalore 6-7 August, 2004
22.	Annual Technical Meeting & NMD	Indian Institute of Metals (IIM)	Kolkata 14-16 November, 2003
23.	Conference of Research Scholars on Materials Science and Engineering (CRSMSE-2003)	IIT Kharagpur	IIT Kharagpur 30-31 August, 2003

5. List of Orientation / Short-Term Courses Attended:

Sl. No.	Name of the Orientation and Short-term Course	Organized by	Sponsored by	Duration
1.	5 days (online) Faculty Development Program-Student Induction on Universal Human Values in Technical Education	AICTE, New Delhi	AICTE	11-15 April, 2022
2.	Online FDP on Thermoelectric materials and application for energy harvesting and power generation	Shri Mata Vaishno Devi University (Jammu & Kashmir)	AICTE-ISTE	21-27 December, 2021
3.	NPIU Faculty Development Program on 3D Printing & Design	IIT Hyderabad	NPIU TEQIP	19-26 June, 2021
4.	5 days STC (online) on Advanced Manufacturing Technology	IIT Guwahati, Assam	TEQIP III	21-25 December, 2020
5.	5 days STC (online) on Advances in Welding and Additive Manufacturing	IIT Guwahati, Assam	TEQIP III	10-14 December, 2020
6.	One Week Workshop on Additive Manufacturing	NIT, Tiruchirappalli – in association with NTNU- Norway and Taltech-Estonia.	SPARC	02-07 November, 2020
7.	5 days Virtual Trainers'	EDII,	EDII,	24-28 August,

	Training Program on Entrepreneurship	Ahmadabad	Ahmadabad	2020
8.	Professional Development Training (PDT)	IIM Kashipur (FRI Campus, Dehradun)	MHRD, NPIU New Delhi (TEQIP-III)	24-28 September, 2018
9.	Management Development Programme on Academic Leadership Programme for TEQIP Institutions	I.I.M Kozhikode	MHRD, NPIU New Delhi (TEQIP-II)	3 rd -13 th June, 2013
10.	Analysis of Modern Manufacturing Processes	I. I. T. Bombay Mumbai	CEP, QIP IIT Bombay	29 th November to 12 th December, 2006
11.	Entrepreneurship Development Programme for Faculty of Engineering Colleges	NISIET Hyderabad	DST New Delhi	5 th -16 th June, 2006
12.	Teaching Methodologies	TTTI Chennai	IIT Madras Chennai	31 st January to 2 nd February, 2004
13.	Computer Applications in Manufacturing Technology	MED, UCE (A), OU, Hyderabad	AICTE ISTE	27 th May to 1 st June 2002
14.	Training Programme for Young Faculty of Engineering Colleges.	UCE (A), OU, Hyderabad	AICTE	26 th December 2000 to 13 th January 2001
15.	6 th SERC School on Advanced Manufacturing Technology	I. I. T. Kanpur	DST	March 15-27, 1999
16.	Orientation Course for Degree College Teachers	Academic Staff College, O.U, Hyderabad	UGC	June 7-29, 1999

6. Conferences/Workshops/Training Programmes Conducted:

Sl. No.	Name of the Programme	Organizing Institute	Month & Year	Organized
1.	5 day Short Term Course on Experimental Techniques And Data Analysis	MED, UCE, OU, Hyd	22-25 April, 2019	Organized
2.	National Conference on Advances in Mechanical Engineering & Nano Technology (AMENT-2018)	MED, UCE, OU, Hyd	29-30 June, 2018	Organized
3.	National Seminar on " Surface Coating Technologies "	MED, UCE, OU, Hyd	16, March, 2018,	Organized
4.	International Conference on Advances in materials and Manufacturing (ICAMM-2016)	Jointly by MED and DRDL	8-10 December, 2016	Organized
5.	Advanced Welding Techniques	MED, UCE, OU, Hyd	21-22 October, 2016	Organized

6.	Non- Destructive Testing (NDT)	MED, UCE, OU, Hyd	22-23 April, 2016	Organized
7.	National Conference on Emerging Trends in Mechanical Engineering (ETIME-2014)	MED, UCE, OU, Hyd	29-30 December 2014	Organized
8.	National Conference on Recent Advances in Mechanical Engineering (RAME-2012)	MED, UCE, OU, Hyd	16-17 March 2012	Organized
9.	Metrology GD &T as per ASME Y14.5	MED, UCE, OU, Hyd	21-22 March 2013	Organized
10.	Advanced Manufacturing Systems	MED, UCE, OU, Hyd	July 30 th 2009	Organized
11.	CNC Programming & Machining	MED, UCE, OU, Hyd.	24-26 March 2009	Organized
12.	CNC Programming & Machining	MED, UCE, OU, Hyd.	23-24 March 2007	Organized
13.	Entrepreneurship Awareness camp for Women	EDC, UCE, OU Hyderabad	2-4 February 2007	Organized
14.	Self-Employment and Entrepreneurship for Unemployed Graduates	EDC, UCE, OU, Hyderabad	10-11 November 2006	Organized
15.	Promotion of First Generation Entrepreneurs	EDC, UCE, OU, Hyd	October 20 th 2006	Organized
16.	New Enterprise Promotion and Management	EDC, UCE, OU, Hyd	April 22 nd 2006	Organized
17.	4 th National Symposium of Research Scholars on Metals & Materials	IIT Madras Chennai	27-28 September 2002	Organized

7. Resource Person in Seminars/Workshops/Training Programs:

Sl. No.	Name of the Seminar/Workshop/Training Programme	Organized by	Duration
1.	Delivered a Lecture on "Nano Technology" in Faculty Induction Programme	UGC-HRDC, OU Hyderabad	6th Sept. - 4th Oct, 2022
2.	Delivered a Lecture (online) on "Nano Technology in Life Sciences"	Nagarjuna Govt. Degree College, Nalgonda	13th May, 2022
3.	Delivered a Lecture on "Nano Technology" in Faculty Induction Programme	UGC-HRDC, OU Hyderabad	07 Feb-07 Mar, 2022
4.	Delivered a Lecture on "Advanced Metal Forming Techniques" in AICTE-FDP on Innovations and Research Challenges in Advanced Materials Processing and Characterization Techniques.	Nalla Malla Reddy Engineering College, Narapally, Hyderabad	21 Feb.to 04 March 2022
5.	Delivered a Lecture on "Nano Technology" in Faculty Induction Programme	UGC-HRDC, OU Hyderabad	03 Jan-02 Feb, 2022
6.	Delivered Lecture on "Nano Technology" in Faculty Induction Programme	UGC-HRDC, OU Hyderabad	01-31 December, 2021
7.	Delivered Lecture on "Research Grant Proposal Writing" in 2-Week AICTE Sponsored FDP on Research Methodologies and Statistical Data Analysis	CBIT, Hyderabad.	14 to 25 December, 2020
8.	Delivered Lecture on Nano Technology & Applications in 6-Days Faculty Development Program on "Advance Trends in Mechanical Engineering"	Lords Institute of Engineering and Technology, Hyderabad	22 to 26 June, 2020
9.	Delivered Lecture on "Research Grant Proposal Writing" in Short Term Course on " Engineering Research Methodology " for Research Scholars	MED, UCE, OU, Hyd	December 09-13, 2019
10.	Delivered Lecture in 2-Weeks Faculty Development Programme on "Precision Engineering and Machining"	Anurag Group of Institutions, Venkatapur, Ghatkesar, Telangana	14-27, November, 2019

11.	Delivered Guest Lecture on "Processing Bulk Nanomaterials" for B.Tech students.	JNTU College of Engineering Sultanpur, Sangareddy, Telangana	09-11-2019
12.	Delivered Keynote Lecture in 2-Days National Conference on Fast Emerging Trends in Engineering & Technology	Bharath Institute of Engineering & Technology, Mangalpally, Hyderabad, Telangana	20-21, September, 2019
13.	Delivered Lecture on "Research Grant Proposal Writing" Short Term Course Experimental Techniques and Data Analysis	MED, UCE, OU, Hyd	April 22-26, 2019
14.	Delivered Lecture on "Research Grant Proposal Writing" in Short Term Course on " Engineering Research Methodology " for Research Scholars	MED, UCE, OU, Hyd	15-20, April, 2019
15.	Session chair in 7 th International & 28 th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2018)	Anna University, Chennai, Tamilnadu	13-15, December, 2018
16.	Delivered Lecture on "Research Grant Proposal Writing" in Short Term Course on " Engineering Research Methodology " for Research Scholars	MED, UCE, OU, Hyd	18-22, June, 2018
17.	Delivered Lecture on "Research Grant Proposal Writing" in Short Term Course on " Engineering Research Methodology " for Research Scholars	MED, UCE, OU, Hyd	11-14 December, 2017
18.	Delivered Lecture in 2-days Faculty Development Programme on "Advances in Manufacturing"	Gudlavalleru Engineering College, Krishna (Dist) A.P	16-17, November, 2017
19.	4-Weeks Entrepreneurship Development Programme (EDP)	EDC, O.U	09 Jan to 08 Feb, 2017
20.	6-Weeks Technology based Entrepreneurship Development Programme (TEDP)	EDC, O.U	6 Sept. to 15 Oct, 2016
21.	2-Weeks Faculty Development Programme (FDP)	EDC, O.U	April, 18-30, 2016
22.	2-Weeks Faculty Development Programme (FDP)	EDC, O.U	February, 02-14, 2015

8. Entrepreneurship Programmes Conducted (during 2010 to 2021)

Sl. No	Name of the Programme	Duration of the Programme	Venue/Place	No. of Participants
1	Entrepreneurship Development Programme (EDP)	29 Mar - 24th April, 2010	EDC, O.U	30
2	Technology based Entrepreneurship Development Programme (TEDP)	05th July - 30 July, 2010	EDC, O.U	30
3	Faculty Development Programme (FDP)	26th Aug- 09 Sept, 2010	EDC, O.U	20
4	Entrepreneurship Awareness Camp	14-16 Sept 2009	CM Institute of Management, Suraram	120
5	Entrepreneurship Awareness Camp	18 - 20 Feb 2010	Annie Besant Degree College	64
6	Entrepreneurship Awareness Camp	19- 21 April, 2010	St. Xavier's PG College	152
7	Entrepreneurship Awareness Camp	16 - 18 Sept 2010	Sphoorthy Engg College	129
8	Entrepreneurship Awareness Camp	28-30 Sept, 2010	Velangini Inst of Mgmt	150
9	Entrepreneurship Awareness Camp	11-13 Nov, 2010	Sri Sai Jyothyi Engg College	70
10	Entrepreneurship Awareness Camp	21-23, Dec. 2010	Polytechnic College for Women (Minority)	55
11	Faculty Development Programme (FDP)	1-15 June, 2011	EDC, OU	15
12	Entrepreneurship Development Programme (EDP)	27 June-22 July 2011	EDC, OU	25
13	Entrepreneurship Awareness Camp			100
14	Entrepreneurship Development Programme (EDP)	23 December 2011 – 21 January 2012	EDC, OU	20
15	Entrepreneurship Awareness Camp	23-25 January, 2012	JBIT, Moinabad	150
16	Entrepreneurship Awareness Camp	05-07 July, 2012	Sphoorthy Engg College	101
17	Entrepreneurship Awareness Camp	30July to 01st Aug, 2012	CMR College of Engineering	100
18	Entrepreneurship Development Prog	22nd Aug to 18th Sept, 12	EDC, O.U	26
19	Entrepreneurship Development Prog	10th Dec to 05th Jan 13	EDC, O.U	18
20	Entrepreneurship Awareness Camp	20th to 22nd Dec, 2012	CVR College of Engineering	100
21	Entrepreneurship Awareness Camp	17th to 19th Jan, 2013	Balaji Inst of Engg, Warangal	126
22	Entrepreneurship Awareness Camp	21st to 23rd Jan, 2013	SR Engg College, warangal	140
23	Entrepreneurship Awareness Camp	16th to 18th April, 2013	CMIM, Dhullapally, Secbad	200

24	Technology Based EDP	27th May to 06th July, 2013	EDC, O.U	20
25	Entrepreneurship Awareness Camp	02nd to 04th Sept, 2013	University College Of Engg	120
26	Entrepreneurship Awareness Camp	11th to 13th Sept, 2013	Sphoorthy Engg College	90
27	Entrepreneurship Awareness Camp	19th to 21st Sept, 2013	CVR College of Engineering	46
28	Entrepreneurship Awareness Camp	03rd to 05th Oct, 2013	Polytechnic college for women	57
29	Entrepreneurship Awareness Camp	29th to 31st Oct, 2013	Polytechnic college for women	77
30	Entrepreneurship Development Prog	28th Nov to 24th Dec, 2013	EDC, O.U	27
31	Faculty Development Programme	30th Dec 13 -10th Jan 2014	EDC, OU	42
32	Entrepreneurship Awareness Camp	24th to 26th Feb 2014	AMS College of Informatics	69
33	Entrepreneurship Development Prog	23rd June to 19th July , 2014	EDC, O.U	20
34	Entrepreneurship Awareness Camp	24th to 26th July 2014	Guru Nanak Engg College	100
35	Entrepreneurship Awareness Camp	31st July to 2nd Aug 2014	CVR Engg. College	81
36	Entrepreneurship Awareness Camp	4th to 6th Aug, 2014	Sphoorthy Engg College	86
37	Entrepreneurship Awareness Camp	7th to 9th Aug, 2014	Anurag Group of Institutiions	148
38	TEDP	10th Nov to 19th Dec, 2014	EDC, O.U	25
39	FDP	02nd to 14th Feb, 2015	EDC, O.U	25
40	Entrepreneurship Awareness Camp	12-14 February, 2015	EDC, O.U	60
41	Entrepreneurship Awareness Camp	2-4 March, 2015	Christy Jyothi Institute of Tech & Science	100
42	Entrepreneurship Awareness Camp	16-18 March, 2015	MRM Institute of Pharmacy & Mgmt	75
43	Entrepreneurship Awareness Camp	15-17 April, 2015	Andhra Mahila Sabha	60
44	Entrepreneurship Awareness Camp	13-14 May, 2015	BYST	64
45	Entrepreneurship Awareness Camp	15-17 June , 2015	SETWIN, Dept of Youth Services	127
46	Entrepreneurship Awareness Camp	19-21 January, 2016	CVR College of Engineering	100
47	Entrepreneurship Awareness Camp	22-24 Feb, 2016	CVSR College of Engg	100

48	Entrepreneurship Awareness Camp	28-30 March, 2016	RGUKT, Basar	76
49	Entrepreneurship Awareness Camp	12-14 April, 2016	Govt. Polytechnic College for Women (Min) Badangpet, RR Dist.	76
50	Faculty Development Programme	18-30 April, 2016	EDC, O.U	30
51	Entrepreneurship Awareness Camp	27-29 June 2016	St. Pious X Degree & P.G.College, Nacharam	95
52	Entrepreneurship Awareness Camp	29-31 Aug 2016	St. Joseph's Degree & P.G College, Kingkoti, Hyd	100
53	TEDP	6 Sept. to 15 Oct 2016	EDC, O.U	27
54	Entrepreneurship Awareness Camp	05-07 January, 2017	University College of Engg, O.U.	103
55	Entrepreneurship Development Prog	09 Jan to 08 Feb, 2017	EDC, O.U	27
56	Entrepreneurship Awareness Camp	09-11 Feb, 2017	Govt. Polytechnic College for Women (Min) Badangpet, RR Dist.	55
57	Entrepreneurship Awareness Camp	12-14 March, 2020	Deccan College of Engineering & Technology , Hyderabad	75
58	Entrepreneurship Awareness Camp	22-24 November, 2021	Madina Degree & PG College for Women, Hyderabad	85
59	Entrepreneurship Awareness Camp	17-19 December, 2021	University College of Engineering, O.U.	64
			Total Participants	4473