

Name of Faculty Dr G Chandra Mohan Reddy
 Designation Professor
 Nature of Job/Appointment Regular
 Date of Joining 24-11-1992
 E-mail gcmreddy_mech@cbit.ac.in



| Education Qualifications | Name of the Degree | Class |
|--------------------------|---|------------------------------|
| Ph. D | Doctor of Philosophy (Mechanical Engineering) | Awarded |
| PG | M. Tech (Machine Tools) REC Warangal | First class with Distinction |
| UG | B. Tech (Mechanical Engineering) | First class with Distinction |

Work Experience

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| Teaching | 29 Years (Includes Research Experience) |
| Research | 19 Years |
| Industry | 3.5 Moths |
| Others | 04 Months |

Area of Specialization Manufacturing Engineering

Professional Memberships

1. Fellow- The Institution of Engineers (India)
2. American Society of Mechanical Engineers (ASME)
3. Aeronautical Society of India (AESI) M – 19970
4. Member, IEEE
5. Life Member, ISME
6. Life Member, ISTE
7. Life Member, Tribology Society of India.

Responsibilities held at Institution Level

1. Principal & Chief Superintendent of Exams at MGIT during 2009 to 2018
2. Presiding Officer of GATE, JEE, JEE Advanced Examinations during 2009 to 2018 and received best center award from IISc Bangalore.
3. EC Member, The Institution of Engineers (India) Hyderabad for the Two-Year sessions (State Centre Committee Member) 2002-2012, 2014-2016 & 2018-2020
4. Member: Organizing Committee TS EAMCET 2017&18.
5. Member: State Advisory Committee – Telangana State Electricity Regulatory Commission 2015-2018.
6. EC Member: AESI Hyderabad Branch 2017-2018, 2018-2019
7. Member: University Purchase Committee in the field of Mechanical Engineering/Nano Technology JNTUH Kukatpally for 2014-15.
8. EC Member: A P Productivity Council (for the session 2006-2008)(AP Chapter of National Productivity Council)
9. Member: Academic Council of State Board of Technical Education and Training. Attended the XXI Academic Council Meeting on 21st January 2008 at BRKR Bhavan, Hyderabad-63.
10. Member: Board of Studies of Mechanical Engineering, JNTUH during 2012-2018
11. Member: DRC, Mechanical Engineering, Osmania University for the year 2010-2012. -2015
12. Joint Hon. Secretary: The Institution of Engineers (India) AP State Centre for the session 2004-2006
13. Member: Organizing committee & Technical Events Committee of 23rd Indian Engineering Congress at NIT Warangal during Dec 2008.
14. Hon. Secretary: The Institution of Engineers (India) AP State Centre for the session 2006-2008
15. Chief Superintendent of EAMCET, ECET and ICET during 2009 to 2018
16. Coordinator, CII Industry Institution connect from 2001 to 2010.
17. Coordinated with IEI HQs for Accreditation of CBIT and MGIT by IEI and also obtained Life Memberships.
18. Core Committee member of NBA Accreditation preparation committees from 1996 to till date.

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| Responsibilities held at Department Level | <ol style="list-style-type: none"> 1. Member, Department Advisory Committee 2. Member Board of Studies, 3. Member, Course Expert Group 4. In charge of Metal Forming Lab from 1994 to 2000 and In charge of Automation lab from 2001 to 2008 5. Resource Person for Dept FDP JUN 2020. 6. Organized 1st One-day Departmental Conference of affiliated Engineering Colleges of Osmania University on "Effective Implementation of Revised Curriculum" On 21-10-2000 and brought out Resolutions for Implementation. 7. Organized 2nd One-day Departmental Conference of affiliated Engineering Colleges of Osmania University on "Implementation of Revised Curriculum-A review" On 08-03-2001 to confirm the minutes of First Departmental Conference and brought out Resolutions to be submitted to University for Implementation. 8. Co-Coordinator of the ONE Week Short Term Training Programme (STTP) on "Robotics & Automation Systems" from 2nd to 7th JUNE 2003 jointly organized by Departments of Mechanical Engineering, CBIT & MGIT Hyderabad and sponsored by CFDME and Resource person for a theory and a practical Session. 9. Coordinator of the TWO Week AICTE-ISTE Short Term Training Programme (STTP) on "Advanced Metal Working Techniques & Finite Element Simulations in Metal Forming" from 30th June to 11th JULY 2003, of Mechanical Engineering, CBIT and Resource person for Three Theory sessions and a practical Session 10. Coordinator of the FIVE-day Course on "Finite Element Simulations in Manufacturing" jointly organized by CBIT & CITD (Central Institute of Tool Design) Balanagar, Hyderabad at CITD during 12th to 16th JULY 2005. 11. Coordinator of the Three-Day National Workshop on "Advances in Manufacturing" organized by the Department of Mechanical Engineering, CBIT during 15-17 March'2007. 12. Organizing Secretary of 23rd National Convention of Mechanical Engineers and National Seminar on "Emerging trends in Manufacturing systems and Technologies" during 10-12 September 2007 and Coordinated the Convention successfully. 13. Course Coordinator, One Week STTP on "MECHATRONICS" organized at IEI AP State Centre in Association with CBIT during 16-20 June 2008. 14. Organizing Secretary and Convention Coordinator of 22nd National Convention of Metallurgical & Materials Engineers and National Seminar on "Advanced Materials: Characterization & Processing" during 23-24 January, 2009 15. Organized one day workshop on the eve of bidding farewell to Dr P Jayapal Reddy on his superannuation on 30-4-2009. 16. OrganisedMechanica 2009 on 14th & 15th Sept'2009 in Dept. of Mechanical MechanicalEngg, CBIT. 17. Organized National Safety Day Celebrations at MGIT (IEI TSC) on the theme "Keep Each other Safe" and delivered a popular lecture on the theme. 18. Organized a Seminar on "Smart Cities: Paradigm Shift in Development" at IEI TSC on National Technology Day 11th May 2017 and Delivered a talk on "IoT and Smart Cities". 19. Organized All India Seminar at IEI TSC in association with MGIT during 14-15 JULY 2017 and Delivered Invited Talk on "Role of Automation – Robotics, Mechatronics in Manufacturing" and contributed Two papers. 20. Organized one day Seminar at IEI TSC in association with AeSIHyd branch on 15 JULY 2018 on "Additive Manufacturing Technologies for Aerospace Applications". 21. Organized National Technology day seminar on 11th May 2019 at IEI-Telangana State Centre, Hyderabad. 22. Two Day All India Seminar on "Recent Trends in Automation and Digital Manufacturing" organized by The Institution of Engineers (India) Telangana State Centre under the aegis of Production Engineering Division Board of IEI during 23rd – 24th September 2019 |
| Research Guidance | Guided Seven Research Scholars who were awarded Ph. D Degrees and Eleven Research Scholars work is in progress. |
| Awards Received | <ol style="list-style-type: none"> 1. Felicitated on Teachers' Day at IEI Khairathabad in Sept 2017. 2. Paper titled "Influence of Process parameters on hardness and microstructure of pre-heat-treated friction welded 15CDV6 alloy steel" for the category Best Presentation/Best Content at the ASAR International conference held at Hyderabad 18th Sept' 2016. 3. Felicitated by LIONS CLUB INTERNATIONAL on Teachers' Day at IEI Khairathabad in Sept 2015. 4. Received ISTE Best Student Chapter Award 2014 for AP at 17th ISTE Students National Convention held at Rajkot (Gujarat) for overall leadership and quantum of activities at MGIT from amongst the chapters in AP |

Section.

- Received "Best Engineering College Principal Award-2012" on 02-02-2013 by ISTE AP Section.
- Received ISTE Best Chapter Award 2012 for AP Section at 42nd ISTE National Convention held at Hyderabad 20th Dec'2012 for overall leadership and quantum of activities at MGIT from amongst the chapters in AP Section.
- Paper titled "Experimental evaluation of Formability of sheet metals under PTFE lubricated conditions" published in Journal of Institution of Engineers (India) – Mechanical Engineering, Vol: 92, April 2011, pp 29-33 has been awarded Railway Board's 1st Prize at 27th Indian Engineering Congress held at VigyanBhavan, New Delhi on Dec 14, 2012.
- Received 'Eminent Educationist Award' from International Institute of Education & Management, NEWDELHI for outstanding Achievements in the field of Education on 20th March 2011
- Jewel of India by Indian Solidarity Council, New Delhi. (Ref: SL/ISC/21-Feb/JIA dated 1st Jan 2011).
- Received "Engineer of the Year award-2009" on Engineers day Function held on 15-09-2009. Govt. Andhra Pradesh & Institution of Engineers (INDIA) - AP State Center, Hyderabad, instituted the Award jointly.
- Received Best Technical paper presentation award for the paper titled "Trends in Micro Machining Technologies" from Mechanical Engineering Division at Annual Technical session on 22nd Dec 2008, IEI APSC Hyderabad.
- Received Distinguished Alumnus award from KITS Warangal and felicitations on the occasion of Silver Jubilee Celebrations held on 06-01-2007
- Received "Best Principal Investigator" from AICTE- New Delhi for the Project Sanctioned in the Academic Year 1998-1999 and awarded Grade 'A' (Excellent) by the Monitoring Committee, AICTE, NEW DELHI
- Received "Young Engineer of the Year award-1999" on Engineers day Function held on 15-09-1999. Govt. Andhra Pradesh & Institution of Engineers (INDIA) - AP State Center, Hyderabad, instituted the Award jointly.

Courses Handled at Under Graduate / Post Graduate Level.

Robotics, Mechatronics, Computer Aided Manufacturing, Metal Cutting and Tool Design, Metal Cutting and Machine Tools, Metal Forming Technology, Metrology and Instrumentation, Production Drawing Practice, Welding Technology, Fabrication Processes, Digital Manufacturing, Advanced Metal Forming Technology, Machine Tool Technology, Mechatronics, Robotic Engineering, Production Operations Management, Automation in Manufacturing, CIM, CNC Machines, CAM, Manufacturing Automation, Production Systems-Design & Control, Advanced Industrial Pneumatic Systems, Additive Manufacturing Technologies

No. of Papers Published

National Journals – 19 International Journals – 40
National Conference – 37 International Conference – 30

Projects Carried out

- Design and Manufacturing of Relay Box through Additive Manufacturing for RS 9.90 Lakhs from RCI Hyderabad for the period 2019-2021
- Simulation studies on explosively formed projectiles using dynamic analysis for RS 9.95 Lakhs from DRDO(RCI/PGAD) Hyderabad for the period 2009-2011
- Seven PG projects by consultancy to College during 1998-2002.
- Study of formability and process parameters of new materials in metal forming operations RS 7.00 Lakhs—1999-2001, AICTE, NEW DELHI

Patents

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Technology Transfer

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Invited Speaker

- Resource Person for National Safety Day Celebrations 4th March 2020.
- Delivered a Talk on Industry 4.0: Digital Manufacturing & Design –on 18th JUN 2020 for the CBIT-MED-FDP on "Industry 4.0: Vision for Design & Manufacturing" during 16-20 JUN 2020 organized by Dept of Mechanical Engineering, CBIT.
- Delivered a Talk on Digital Manufacturing – Industry 4.0 on 4th JUN 2020 for the faculty and students nationwide, in a webinar series "Recent Revolutions in Mechanical Engineering" during 02-06 JUN 2020 organized by Dept of Mechanical Engineering, JBIET(aut) Hyderabad
- Delivered a Talk on Enhance Safety & Health, Performance by Use of Advanced Technologies "on 4th March 2020 at 11.15 AM for All 2nd Year students at CBIT and a Popular Lecture at 230PM at IEI TSC for the Engineering Community, VisvesvarayaBhavan, Khairathabad, Hyderabad.
- Session Speaker "Principles and an overview of Automation in Manufacturing" at FDP on Automation for Smart Industry & Manufacturing organized by Centre of Excellence in Automation & Control Engineering, Dept of Mechanical Engg, Malla Reddy College of Engineering &

Technology (Autonomous Institution) during 5-7 Dec 2019.

6. Delivered a Talk on "Limits, Fits, Tolerances and Geometrical Tolerances" at Two Week FDP on Precision Engineering and Machining Processes organized by Anurag Group of Institutions (Formerly CVSR) during 14-27 Nov 2019 on 14th Nov 2019.
7. Delivered an Invited talk "Industrial Automation and Intelligent Manufacturing" on 23rd September 2019 at the Two Day All India seminar on "Recent Trends in Automation and Digital Manufacturing" organized by The Institution of Engineers (India) Telangana State Centre under the aegis of Production Engineering Division Board of IEI during 23rd – 24th September 2019.
8. Resource Person for the AICTE-ISTE One Week (27th May to 1st Jun 2019) refresher Program on Teaching with Technology on 28th May 2019 organized by ISTE Chapter, NNRG College, Hyd.
9. Delivered a Guest Lecture on "Fundamentals of Manufacturing Technology" on 3rd Nov 2018 organized by Dept of Mechanical Engg., JNTUH College of Engineering, Sultanpur.
10. Chief Guest for 2 Week FDP (15th – 17th) inauguration on 15th May 2017 at CMRCET and Resource person for "Advances in Metal Forming Operations" organized by Department of Mechanical Engineering, CMRCET Hyderabad.
11. Delivered invited Talk "Finite Element Simulations in Metal Forming Operations" at the 2nd National Conference on Recent Trends and Innovations in Mechanical Engg (RTIME-2K17) on 1st April 2017 organized by Mechanical Engineering Department, NNRG, Hyderabad.

No. of Books/Chapter Published with details

1. Proceedings One Week STTP on "MECHATRONICS" organized at IEI AP State Centre in Association with CBIT during 16-20 June 2008.
2. Technical volume of Two Day All India Seminar on "Role of IT in Infrastructure Development" organized by IEI APSC during 23-24 February at Visveswaraya Bhavan, Khairathabad, Hyderabad.
3. Technical Volume of 23rd National Convention of Mechanical Engineers and National Seminar on "Emerging trends in Manufacturing systems and Technologies" during 10-12 September 2007.
4. Proceedings of the FIVE-day Course on "Finite Element Simulations in Manufacturing" jointly organized by CBIT & CITD (Central Institute of Tool Design) Balanagar, Hyderabad at CITD during 12th to 16th JULY 2005.
5. Proceedings of the TWO Week AICTE-ISTE Short Term Training Programme (STTP) on "Advanced Metal Working Techniques & Finite Element Simulations in Metal Forming" from 30th June to 11th JULY 2003, of Mechanical Engineering, CBIT
6. Proceedings of ONE Week Short Term Training Programme (STTP) on "Robotics & Automation Systems" from 2nd to 7th JUNE 2003 jointly organized by Departments of Mechanical Engineering, CBIT & MGIT Hyderabad and sponsored by CFDME.

Details of Short-Term Training Programs/Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).

1. Co-Chairman of Technical Events Committee of the 34th Indian Engineering Congress at HICC, Hyderabad during 27th – 29th Dec 2019. The theme of the Congress: Societal Engineering – Imperatives for Nation Building. Co Chaired a Technical Session on 27th Dec 2019.
2. Chairman Technical Events Committee of the Two Day All India seminar on "Recent Trends in Automation and Digital Manufacturing" organized by The Institution of Engineers(India) Telangana State Centre under the aegis of Production Engg Division Board of IEI during 23rd – 24th September 2019. Also, Chaired a Technical Session IV on 24th September 2019.
3. Organized National Technology day seminar on 11th May 2019 at IEI-Telangana State Centre, Hyderabad.
4. Organized one day Seminar at IEI TSC in association with AeSIHyd branch on 15 JULY 2018 on "Additive Manufacturing Technologies for Aerospace Applications".
5. Organized All India Seminar at IEI TSC in association with MGIT during 14-15 JULY 2017 and Delivering Invited Talk on "Role of Automation – Robotics, Mechatronics in Manufacturing" and contributed Two papers.
6. Organized a Seminar on "Smart Cities: Paradigm Shift in Development" at IEI TSC on National Technology Day 11th May 2017 and Delivered a talk on "IoT and Smart Cities".
7. Organized National Safety Day Celebrations at MGIT (IEI TSC) on the theme "Keep Each other Safe" and delivered a popular lecture on the theme.
8. Five Day CBIT-MED-FDP on "Industry 4.0: Vision for Design & Manufacturing" during 16-20 JUN 2020 organized by Dept of Mechanical Engineering, CBIT.
9. National Level Webinar on "Simulation Driven Innovation for e-Mobility" Organized by Altair India on 10th JUN 2020.
10. A One Week CBIT-FDP on "Outcome Based Education and NBA Accreditation Process(UG)" during 28th May to 1st JUN 2020
11. Webinar on the topic "Cyber Security" organized by CSE, Sri Indu Institute of Engineering & Technology, Hyd on 26th May 2020.

12. Webinar on the topic "NextGen Solutions Amidst COVID-19" organized by MED, Anurag Group of Institutions on 24th May 2020.
13. Webinar on the topic "Challenges and Opportunities in Industries Post COVID-19 Pademic" organized by MED, Anurag Group of Institutions on 23rd May 2020.
14. A 3-day workshop on "Effective and Efficient Online Teaching in the Age of Corona, A Hands-on workshop" on 24th May 2020 (during 16-24) involving three days of video lectures and hands-on-work by IIT Bombay Bodhi Tree Platform
15. Faculty Awareness Program on "Outcome Based Education(OBE) and NBA Accreditation" organized by Singhad Institute of Technology and Science, Narhe, Pune on 17th May 2020
16. Online Faculty Program on NBA organized by BharatiVidyapeeth College of Engineering, Navi Mumbai on 12th May 2020.
17. A One Week online FDP on "Outcome Based Education: A Step Towards Excellence" during 11-15 May 2020 under Margdarshan Scheme of AICTE New Delhi organized by Government College of Engineering, Karad.
18. Webinar on "Intelligent Robot Assistance for Fighting COVID-19" organized by MED, MREC(Aut) on 6th May 2020 in Collaboration with SakRobotix Lab(Startup Centre, IIT Bhubaneswar).
19. Attended 34th Indian Engineering Congress at HICC, Hyderabad during 27th – 29th Dec 2019. The theme of the Congress: Societal Engineering – Imperatives for Nation Building.
20. Attended the Inaugural and Valedictory Sessions of 31st International Symposium on Ballistics-2019 as EC member of AeSI during 4-8 Nov 2019 at HICC Novotel Hyderabad. The event is jointly organized by International Ballistics Society (IBS)-USA and Aeronautical Society of India, Hyderabad Branch.
21. Attended the Two Day All India Seminar on "Recent Trends in Automation and Digital Manufacturing" organized by The Institution of Engineers (India) Telangana State Centre under the aegis of Production Engineering Division Board of IEI during 23rd – 24th September 2019
22. Attended AeSI Hyderabad Branch EC Meeting on 17th Aug 2019 at Telangana Aviation Academy, Begumpet Hyderabad.
23. Attended 69th AGM and National Conference on Unmanned Aircraft Systems: Opportunities and Challenges during 27-28 Jan 2019 at IICT Hyderabad Campus.
24. Attended ARMS 2018 – 11thNational Conference and Exhibition on Aerospace &Defense Related Mechanisms during 16th – 17th Nov 2018 at BITS Pilani Hyderabad Campus.
25. As TSEAMCET 2018 Organizing Committee member attended 1st and 2nd CET Committee meetings held in Feb&March at JNTUH.
26. A two day work shop on "Courageous Principals From Insight to Action" organized by Deloitte University, The Leadership Center at their Hyderabad center during 21-22 Nov 2017.
27. Participated in the meeting with VC JNTUH on Establishing i-cells as part of university wide innovation initiative J-Hub & Valedictory of EXCITE 2017 on 1st JULY 2017.
28. Attended 1-Day Workshop on Induction Program Organized by AICTE SCRO at JNTUH Kukatpally for the Principals/Directors/Managements of Engineering Colleges on 18th June 2017.
29. As TSEAMCET 2017 Organizing Committee member attended 1st and 2nd CET Committee meetings held on 20thFeb, 20th May 2017 at JNTUH.
30. Attended Aerospace Luminary Lecture Series: Lecture 1 by AIR MARSHAL SB Deo PVSM AVSM VM VSM ADC Vice Chief of Air Staff, AHQ New Delhi Lecture 2 by Prof Indranil Manna Director IIT Kanpur on 22nd Jan 2017 organised by AeSIHyd Branch at Taj Deccan Hyderabad.

International/National Journals from the Year 2017

1. G ChandraMohanReddy& PVR RavindraReddy (2020) "Design and Development of a Fuzzy Logic Controllerfor Prediction of TIG welded Al-65032 Specimens"The International journal of analytical and experimental modal analysis ISSN NO:0886-9367 Volume XII, Issue V, May/2020, 445-448
2. Uday Kiran K.L., Abbas S.Z., Saraswathamma K., Chandra Mohan Reddy G., Prasad A.M.K (2019-2020) "Parametric Optimization During Wire EDM Taper Cutting on AISI D2 Steel Using Desirability Function" Springer: International Conference on Emerging Trends in Engineering (ICETE). Learning and Analytics in Intelligent Systems, vol 2. Springer, Cham pp 568-576
3. M. Sailender, R. Suresh, G. ChandramohanReddy, SriramVenkatesh (2020) "Prediction and Comparison of the Dilution and Heat Affected Zone in Submerged Arc Welding (SAW) of Low Carbon Alloy Steel Joints" Science Direct: Elsevier Journal: Measurement, doi: <https://doi.org/10.1016/j.measurement.2019.107084>, pp 1-10, impact factor: 2.791 Vol 150, 2020
4. P.V.R Ravindra Reddy, G.Chandra Mohan Reddy, B.V.S Rao, G.Laxmaiah (2020) "Effect of Various Parameters on the Bead Geometry and Flexural Strength of MIG Welded Joint" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-3, January 2020 pp 555-559
5. P.V.R Ravindra Reddy, GollapalliKiran Kumar, G.Chandra Mohan Reddy&P.Prabhakar Reddy (2019) "Experimental Studies on the Effect of Liquid Nitrogen cooling on the Machining Forces for Machining of

Mild steel and Tool steel specimens” International Journal of Applied Engineering Research ISSN 0973-4562 Volume 14, Number 8 (2019) pp. 1970-1975, UGC Journal No: 64529, ISSN: 0973-4562, E-ISSN: 0973-9769

6. M V Ramana Murthy , G Chandra Mohan Reddy et al (2018) “An Exact Solution on Unsteady MhdVisco-elastic Fluidflow Past an Infinite Vertical Plate in the Presence of thermal Radiation” International Journal of Mathematics and Computer Science ISSN: 2320-7167 Volume 6 Issue 05 May-2018, pp:1878-1890 Index Copernicus ICV: 57.55 DOI: 10.31142/ijmcr/v6i5.01
7. Ramesh, L., Prasad, A. M. K., Reddy, G. C. M., Shankar, D. V. R., and Mateen, M. A (2018) “A Study on Influence of Inlet Pressure and Fiber Architecture on the Quality of Sample Made From VARTM” I-manager’s Journal on Mechanical Engineering, 8(3), 46-52.<http://globalimpactfactor.com/i-managers-journal-on-mechanical-engineering/>ISSN: 2230-9055 E-ISSN:2249-0744
8. K.L.UdayKiran , P.Saratha, K.Saraswathamma&G.Chandra Mohan Reddy (2018) “Prediction of angular error in wire-EDM taper cutting of AISI D2 tool steel by RSM approach” ELSEVIER: Materials Today: Proceedings 5 (2018), pp 27043–27050 ISSN: 2214-7853, Serial No in UGC approved List: 49021
9. K.L.UdayKiran, T Nagaveni, K.Saraswathamma&G.Chandra Mohan Reddy(2018) “Multi- objective optimization of WEDM process parameters for taper cutting of AISI D2 tool steel” International Journal of Engineering & Technology, 7 (4.5) (2018) 703-706 ISSN:2227-524X.
10. Pavan Kumar Thimmaraju, Krishnaiah Arakanti, G. Chandra Mohan Reddy (2018) “Parametric Analysis of Friction Stir Welding Process” ELSEVIER: Materials today: Proceedings 5(2018), pp 26981-26989ISSN: 2214-7853Serial No in UGC approved List: 49021
11. B.V.S. Rao, G. Chandra Mohan Reddy, G. Krishna Mohan Rao (2018) “Experimental Investigation of Major and Minor Strains in Different Regions of Deep Drawn cups”International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Vol. 8, Issue 3, Jun 2018, 441-448, UGC Care List Sr No: 196, ISSN:2249-6890;E- ISSN: 2249-8001
12. M.Sailender, G. Chandra Mohan Reddy,S. Venkatesh (2018) “Influences of process parameters on weld strength of low carbon alloy steel in purged SAW” ELSEVIER Materials today: Proceedings 5(2018), pp 2928-2937, ISSN: 2214-7853, Serial No in UGC approved List: 49021
13. B.V.S. Rao, G. Chandra Mohan Reddy, G. Krishna Mohan Rao, P.V.R Ravindra Reddy (2018) “Numerical Analysis on the effect of various parameters on fracture limit for deep drawn cups” ELSEVIER Materials today: Proceedings 5(2018), pp 1387-1400, ISSN: 2214-7853, Serial No in UGC approved List: 49021
14. B.Santhosh, M V Ramana Murthy, G Chandra Mohan Reddy and P Suresh (2018) “Analytical study for unsteady MHD radiating heat and mass transport in a Darcian porous regime” International journal of basic and applied research, ISSN 2249-3352 (P) 2278-0505 (E), June 2018 Volume 8 Number 6, pp 889-907, UGC list:64041.
15. Pavan Kumar Thimmaraju, G. Chandra Mohan Reddy, KrishnaiahArakanti (2017) “Study of Influence of Tool Geometry on Material Flow Pattern in Friction Stir Welding Process Using Finite Element Simulation” International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Vol. 7, Issue 6, Dec 2017, 471-478, UGC Care List sr No: 196, ISSN:2249-6890;E- ISSN: 2249-8001
16. Pavan Kumar Thimmaraju, Krishnaiah Arakanti , G. Chandra Mohan Reddy (2017) “Influence of Tool Geometry on Material Flow Pattern in Friction Stir Welding Process” International Journal of Theoretical and Applied Mechanics. ISSN 0973-6085 Volume 12, Number 3 (2017) pp. 445-458.
17. Ananda Mohan vemula, Dr G ChandraMohanReddy, Dr M Manzoor Hussain (2017) “Evaluation of Microstructure and Mechanical properties of Titanium Alloy OT 4-1” International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Vol. 7, Issue 3, Jun 2017, 217-222, UGC Care List No: 196, ISSN:2249-6890; E- ISSN: 2249-8001
18. Ananda Mohan vemula, Dr G ChandraMohanReddy, Dr M Manzoor Hussain (2017) “Evaluation of Texture, Microstructure and Micro hardness of Commercially Pure Titanium (Grade 1/BT 1-00)” International Journal of Mechanical Engineering and Technology (IJMET), Vol 8, Issue 4, April 2017. Pp. 398-407, ISSN: 0976-6340, E-ISSN: 0976-6359.

International/National Conferences from the Year 2017

1. Dr G Chandra Mohan Reddy &Mr Sandeep K (2018) “Digital Enterprise – Transforming Industries Digitally” 51st ENGINEERS’ DAY CELEBRATIONS on the theme: “DIGITAL TRANSFORMATION: A NEW INDUSTRIAL REVOLUTION” 15th Sept 2018 at IEI Hydpp 22-32
2. Dr G Chandra Mohan Reddy (2017) “ Role of Automation-Robotics and Mechatronics in Manufacturing” All India Seminar on Digital and Automation Entry into the Future Factories, 14th-15th July 2017, IEI Hyderabad, pp 26-32
3. K. SarupyaSanthosh&Dr G Chandra Mohan Reddy (2017) “3D Printing – Its evolution in Global Market” All India Seminar on Digital and Automation Entry into the Future Factories, 14th-15th July 2017, IEI Hyderabad, pp 77-81