

RESUME

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Born on 25th August, 1985 at Visakhapatnam, Andhra Pradesh, India.



EDUCATIONAL QUALIFICATIONS

- Pursuing **PhD** (Registered in 2014) at Andhra University College Of Engineering, Andhra University, Visakhapatnam
- Completed **MASTERS IN ENGINEERING** with **CAD/CAM** specialization with 7.11 CGPA during 2009-2011 from Andhra University College of Engineering, Andhra University, Visakhapatnam.
- Completed **BACHELOR OF TECHNOLOGY** with **MECHANICAL ENGINEERING** as specialization with 66.52% during 2002-2006 from JNTU, Hyderabad.

WORK EXPERIENCE

Total experience: 8 years 1 month

- Working as Assistant professor in GayathriVidyaParishad School of Engineering, Rushikonda Campus from JUN 2013.
- Worked as Assistant professor in SITAM Engineering College, Vizianagaram from JUL 2012 to MAY 2013.

- Worked as a Assistant professor in Wellfare Institute Of Science Technology & Management from JUL 2011 to JUN 2012
- Worked as a Assistant Professor in Avanti Institute Of Engineering and Technology from AUG 2007 to OCT 2009.

PUBLICATION OF CHAPTER (S) IN BOOKS

1. K.G.Durga Prasad, M.V.Prasad, **Ch.Hima Gireesh** and V.V.V.N.K.Chaitanya (2017): ‘QFD-based conceptual design of ergonomic drafting table for engineering students’, *Management of Ergonomic design, Industrial safety and Healthcare systems*, Springer. (Under review)

SHORT TERM COURSES / WORKSHOPS/SEMINARS/CONFERENCES ATTENDED

1. Participated in Two day National Workshop on “**ADVANCES IN MANUFACTURING PROCESSES (AMP)**” conducted by the Department of Mechanical Engineering, University College of Engineering, **JNTU, Vizianagaram**, held on 28-2-2014 & 1-3-2014
2. Participated in Two day National Workshop on “**CHALLENGES AND LATEST TRENDS IN NANOCOMPOSITES**”-(CLTNC-2014) conducted by Centre for NANOTECHNOLOGY, Andhra University College of engineering (A), Andhra University, Visakhapatnam, held on 04-9-2014 & 05-9-2014
3. Participated in One Week National level short term course on “**SYSTEM MODELLING, SIMULATION & ADVANCED OPTIMISATION TOOLS FOR NANOTECHNOLOGY APPLICATIONS-2016**” conducted by Centre for NANOTECHNOLOGY, Andhra university college of engineering(A),Andhra University, Visakhapatnam, held during 19-9-2016 - 24-9-2016
4. Participated in three days National level work shop on “**COMPUTATIONAL METHODOLOGIES IN MECHANICAL ENGINEERING**” conducted by Depart Of Mechanical Enginnering,School Of Engineering,Gayatri Vidya Parishad Degree & P.G Courses(A),Visakhapatnam,held during 09-03-2107 – 11-03-2017.
5. Participated in *International Conference on Material Processing and Characterization (ICMPC)* held at **GRIET, Hyderabad**, during 17-19, March.

PUBLICATION OF PAPERS IN NATIONAL JOURNALS

1. PavanKumar Konchanda, P.V.Vinay, **Ch.Himagireesh** , “**AUGMENTATION OF HEATTRANSFER IN A TROUGH SHAPED SOLAR COLLECTOR COMPARED TO FLAT PLATE COLLECTOR USING CFD**” *Journal of thermal engineering and applications*. Vol.1, No.3 (2014)

PUBLICATION OF PAPERS IN INTERNATIONAL JOURNALS

1. **Ch.Hima Gireesh** , K.G.Durga Prasad, K.Ramji, and P.V.Vinay (2017): ‘Mechanical Characterization of Aluminium based metal matrix composite reinforced with Alovera Powder’, *Materials Today: Proceedings*.(under review). (Elsevier) (SCOPUS)
2. Ch.Hima Gireesh ,K.Ramji, : ‘Evaluation of Mechanical Properties of Al6061/SiC/Al2O3/Fly Ash Hybrid metal matrix Composites’ *Journal Of Mechanical Science And Technology* (communicated). (SPRINGER) (SCOPUS)

PUBLICATION OF ABSTRACTS IN PROCEEDINGS OF CONFERENCES

1. K.G.Durga Prasad, M.V.Prasad, **Ch.Hima Gireesh** and V.V.V.N.K.Chaitanya (2016): ‘QFD-based conceptual design of Ergonomic drafting table for engineering students’, *Proceedings of the International Conference on Management of Ergonomic design, Industrial safety and Healthcare systems (MESH)* held at IIT, Kharagpur, during 20-23, December.
2. K.G.Durga Prasad, K.Venkata Subbaiah, G.V.Gourav and **Ch.Hima Gireesh** (2017): ‘QFD-frame work for enhancing quality in engineering educational institutions, *Proceedings of the International Symposium on Social Business and Sustainable Development (SBSD)* held at Andhra University, Visakhapatnam, during 5-7, January.

PRESENTATION OF PAPERS IN CONFERENCES

1. Ch.Hima Gireesh , **K.G.Durga Prasad**, K.Ramji, and P.V.Vinay (2017): ‘Mechanical Characterization of Aluminium based metal matrix composite reinforced with Alovera Powder’, *Proceedings of the International Conference on Material Processing and Characterization (ICMPC)* held at **GRIET, Hyderabad**, during 17-19, March.

CONSULTANCY WORKS

1. Worked as Co-Investigator for the design and analysis of **50 TON SWL SPREADER BEAM (LIFTING BEAM)**

Principal Investigator : **Prof. K. Ramji**
Dept. of Mechanical Engg.
AUCE (A), Andhra University
Visakhapatnam – 530 003

Client : **M.Raj & Co.**
D/No: 28-9-7, Suryabagh,
Visakhapatnam,
Andhra Pradesh.

B.E/B.Tech PROJECT GUIDANCE

2. **“EXPERIMENTATION OF CENTRALLY LOADED SIMPLY SUPPORTED BEAM AND SIMULATION OF THERMAL AND STRUCTURAL ANALYS USING CFD”** – K .Jayasree, S.Ganapathi, CH.Prasanna, G.Vasu, 2015.
3. **“ROBOT USED IN MATERIAL HANDLING”** G.Parimala, A.Manohar, S.Deepak, K.Rajesh., 2015.

3. **“INVESTIGATION OF SURFACE ROUGHNESS OF ALUMINIUM BASED MMC REINFORCED WITH Al_2O_3 AND FLYASH”** A.Kiran, K.KumarSwamy, A. Vamsi Krishna, K.Jeevan Satish Varma., 2016.
4. **“INVESTIGATION OF MACHINING PARAMETERS ON Al6061 REINFORCED WITH FLYASH AND Al_2O_3 ”** R.Bose Ravi Chandra, R.Navajeevan, M Balaram Reddy, P Harish., 2016.
5. **“MECHANICAL CHARACTERIZATION OF ALUMINIUM METAL MATRIX COMPOSITE REINFORCED WITH ALOE VERA POWDER”** D.B.Sri Hridai,A.S.S.S Lavanya,B.Damodar,R.Lohit., 2017.
6. **“EVALUATION OF MECHANICAL PROPERTIES HEAT TREATED Al6061 REINFORCED WITH FLY ASH Al_2O_3 .”**M.Rajasekhar,Md..Akram Husain,P.Ujwala,N.Saran., 2017.

(CH HIMAGIREESH)