

Curriculum Vitae

SAMEER KUMAR DEVARAKONDA

S/O D.Sreenivasulu,
H.NO: 1-9-2, Abbaraju Street
Nazar Peta
Tenali -522201.
ANDHRA PRADESH.

e-Mail : me2meer@gmail.com

Mobile : +91-9441651072



ACADEMIC QUALIFICATIONS:

COURSE	UNIVERSITY/COLLEGE/ SCHOOL/AFFILIATION	YEAR OF PASSING	PERCENTAGE (all are rounded to next integer)
Ph.D	Andhra University, Visakhapatnam.	Pursuing	
M.Tech (CAD/CAM)	R.V.R & J.C College of Engineering, Guntur Acharya Nagarjuna University, Guntur.	2007	83
B.Tech (MECHANICAL)	S.V.H College of Engineering. Machilipatnam Acharya Nagarjuna University, Guntur.	2005	64
INTERMEDIATE	Sri Viveka Junior College, Tenali Board of Intermediate Education , A.P	2001	86
SSC	Sri Rama Rural College , Chilumuru. Secondary School Board, A.P	1999	80

DETAILS OF TEACHING EXPERIENCE:

7 Academic Years.

COLLEGE /UNIVERSITY	POSITION	DATES (FROM - TO)
R.V.R & J.C College Of Engineering(A) Guntur	Asst. Professor	03/12/2007 to till date
SASI Institute of Technology and Engineering ,Tadepalligudem, W.Godavari Dist.	Asst. Professor	22/06/07 to 03/12/2007

AREAS OF INTEREST:

Finite Element Analysis (FEA), Design and Analysis of Composite Materials, Manufacturing Methods and Optimization

SUBJECTS HANDLED:

Engineering Graphics
 Finite Element Analysis
 Metallurgy & Material Science
 Mechatronics
 Casting, Forming & Welding Technology
 Metal Cutting & Machine Tools
 Operations Research
 Engineering Mechanics
 Strength of Materials – I & II

GRANTS/PROJECTS RECEIVED:

Title	Funding Agency	Type	Worth	Role	Status
<i>"Fabrication and Characterization of Nano Al_2O_3 reinforced Magnesium metal matrix Composites"</i>	UGC FileNo: 42-878/2013(SR) dated 19-02-2014	MRP	Rs. 4,36,000/-	Co investigator.	Funds Yet to Receive
<i>" Futuristic trends of Nano materials and their Fabrication (FTNCF - 2013)", Sept 6-7, 2013.</i>	DST FileNo: SB/SS/217/13-14 dated 27-05-2013	Seminar	Rs 40,000/-	Co coordinator.	Completed

REVIEW / EDITORIAL BOARD MEMBER:

- International Journal of Engineering & Technology Research [IJETR]
 - Review Team member <http://www.iaster.com/journaldetail.php?Name=IJETR>
- International Journal for Research & Development in Technology [IJRDT]
 - Review Team member : IJRDTREV 140131 http://ijrdt.org/reviewers_list.aspx
- International Journal of Engineering Trends & Technology [IJETT]
 - Board member : SSRGJ-IJETT-1324 <http://www.ijettjournal.org/board-members>
- International Journal of Research in Engineering and Technology [IJRET]
 - Review Board member : 20140241 : <http://ijret.org/ReviewBoard>
- International Journal of Mechanical Engineering [IJME]
 - Review Board member <http://ijme-apm.com/Reviewer.aspx>
- Journal of Advanced Mechanical Engineering [JAME]
 - Reviewer <http://jame.uscip.us/Reviewers.aspx>
- International Journal of Engineering Research and Technology [IJERT]
 - Review Board member : IJERTREW311 <http://www.ijert.org/about-us/review-board>
- International Journal of advances in Engineering & Scientific Research
 - Review Board member : <http://www.arseam.com/editorial-board/158>

BOOKS / CHAPTERS CONTRIBUTED:

- Contributed A Book chapter (Chapter 11) on “Magnesium and its Alloys for Automotive” in "Lightweight and Sustainable Materials for Automotive" Published by CRC Press (Taylor & Francis Group), USA. [IN PRESS]

PUBLICATIONS:

International Journals	National Journals	International Conferences	National Conferences	Total
7	2	3	2	14

Google Scholar Citations :

Citations	h-index	i10-index
18	3	0

International Journals:

1. **D.Sameer Kumar** , C. Tara Sasanka , K. Ravindra, KNS Suman, “ Magnesium and Its Alloys in Automotive Applications – A Review”, American Journal of Materials Science and Technology, (2015), Vol.4,No.1, pp. 12 – 30. <http://dx.doi.org/10.7726/ajmst.2015.1002> **CITED : 4**
2. **D.Sameer Kumar** , K.N.S. Suman, “*Selection of Magnesium Alloy by MADM Methods for Automobile Wheels*”, International Journal of Engineering and Manufacturing, 2014, 2, 31-41 , August 2014. <http://dx.doi.org/10.5815/ijem.2014.02.03> **CITED : 2**
3. **D.Sameer Kumar** , S. Radhika , K.N.S. Suman , “ *MADM Methods for Finding The Right Personnel in Academic Institutions*”, International Journal of u- and e- Service, Science and Technology Vol.6, No.5 (2013), pp.133-144 <http://dx.doi.org/10.14257/ijunesst.2013.6.5.12> **CITED : 4**
4. S.Radhika , **D.Sameer Kumar** , D.Swapna , “ *VIKOR Method for multi criteria decision making in academic staff selection*” , Journal of Production Research and Management (JoPRM) , Volume 3, Issue 2, ISSN: 2249 – 4766 JoPRM (2013) 30-35. **CITED : 3**
5. C.Sriniavas , Naveen Ravela , V.C.Das , **D.Sameer Kumar** , “ *Study of the effect of processing time of buffer size in a Flexible manufacturing System*” , International Journal of Advanced Manufacturing Systems(IJAMS), Vol 4 , No 1 , Jan – Jun 2013 , pp 53-59.
6. **D.Sameer Kumar** , S. Radhika , K.Ravindra, K.N.S. Suman, “*Improved Design Optimization of a Composite Leaf Spring using Swarm Intelligence*”, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 6, Number 2 (2011) pp. 193–200. **CITED : 1**
7. B. Purna Chandra Sekhar, S. Radhika, **D. Sameer Kumar**, “*Powder Mixed Dielectric in EDM –An overview*” , International Journal of Research , Volume 02 Issue 02 , February 2015 , pp : 720-726.

National Journals:

1. **D.Sameer Kumar** , B.Ramgopal reddy , K.Ravindra, V.Chittaranjan Das, “*Influence of process parameters on AWJC of INCONEL690 using GA*”, ANU Journal of Engineering & Technology, ISSN 0976-3414, Volume 2, Issue 1 , June 2010 pp. 81-85.
2. **D.Sameer Kumar** , M.SivaNayak , D.V.V. Krishna Prasad ,K.Ravindra, “*Optimization of cutting parameters in turning using ACO*”, ANU Journal of Engineering & Technology, ISSN 0976-3414, Volume 2, Issue 2 , Dec 2010 pp. 8-13.

International Conferences:

1. C.Sriniavas , Naveen Ravela , V.C.Das , **D.Sameer Kumar** , “*A study of processing time on the effect of*

buffer size in a Flexible manufacturing System”, at ISCI - 2013(International Simulation conference of India) at IITM, Chennai during 21st – 23rd February 2013. Paper No : 26.

2. **D.Sameer Kumar**, K.Ravindra, K.K.K.Sanyasi Raju, D. Nageswara Rao “*Ant Colony based design optimization of Stiffened Cylindrical Shells for underwater applications*” at IISC, Bengaluru, during TEAMTECH 2008 conference held between Sept 22nd - 24th 2008
3. **D.Sameer Kumar**, K.Ravindra, K.K.K.Sanyasi Raju, D.Nageswara Rao “*Ant Colony Optimization Based Algorithms for Engineering Design*” at IITM in Chennai , Page no 736-743, Proceedings of CAE - 2007 Dec 13th – 15th 2007. **CITED : 2**

National Conferences:

1. **D.Sameer Kumar**, K.Ravindra, V.C.Das “*Optimization of process parameters on AWJC of INCONEL690 using Ant Colony Optimization*”, proceedings of Golden jubilee National Conference on Recent Advances in Manufacturing (RAM2010), at SVNIT , Surat , during 19-21 July 2010.pp 96-102.
2. **D.Sameer Kumar** , K.N.S. Suman, K.Ravindra, , “*ABC Metaheuristic for the design optimization of a composite leaf Spring*”, Proceedings of National Conference on Recent Advances in Mechanical Engineering(NCRAME-2011) at R.V.R & J.C College of Engineering, Guntur-19 July 7-8,2011 pp. 411-416.

PROJECTS GUIDED:

M.Tech : 4

S. NO	Name of the Student	Regd. No	Title of the Project	Academic Year
1	Sk. Basheer Ahmed	Y8MTME801	Finite element analysis of spur gear	2008-10
2	S. Venkateswarlu	Y9MTME817	Modeling, analysis and manufacturing simulation of a injection mold	2009-11
3	Tirumalakrishna	Y10MTME814	Investigation of mechanical properties of slag reinforced polymer composites	2010-12
4	U. Suhasini	Y11MTME809	Prediction of Life of connecting rod using Total life & crack initiation approaches using FEM	2011-13

B.Tech : 7

Guided Final year students of Mechanical Engineering Discipline in various projects involving the basic Mechanical components and elements using computer software, optimization methods.

WORKSHOPS/CONFERENCES :(attended)

- A Three Day Workshop on “*Advanced Vibration Analysis – MATLAB Hands on Sessions*”, organised by Dept of Mechanical Engineering , University College of Engineering ,JNTUniversity , Kakinada during 03-05th March 2016.
- DST – PURSE Sponsored Two Day workshop on “*Advanced Characterization Techniques of Materails (ACTM 20115)* ”, organised by Dept of Mechanical Engineering , CEG Campus ,ANNA University , Chennai on 22th & 23th February 2015.
- A Two Day workshop on “*Engineering Drawing* ”, Under TEQIP-II S.C-1.1 organised by Dept of Mechanical Engineering , Malla Reddy Engineering College (A) ,Secunderabad on 12th & 13th September 2014

- Two Day workshop on “*Computational Mecahnics*”, organised by Dept of Civil and Mechanical Engineering , R.V.R.& J.C College of Engineering (A) ,Guntur on 15th & 16th July 2014.
- Two week Faculty Development Programme on “*Modeling and Optimization of Manufacturing System using Intelligent Techniques*” at BIT Sathy, Tamilnadu during the period 6th May to 18th May 2013.
- Attended a training program on “ *MTAB make XL Mill , FMS & AGV*”, at MTAB Technology Centre , Chennai during 18/03/2013 – 20/03/2013.
- UGC Sponsered One week workshop on “*Research Methodology*” organised by M S University of Baroda , Vadodara during March 26-31, 2012.
- “*Induction Training For Young Faculty*” organised by ISTE Chapter, R.V.R.& J.C College of Engineering ,Guntur on 7th & 8th September 2009.
- National level 3-day workshop on “*Meta Heuristics And Their Applications In Design And Manufacturing*” at Vignan University,Vadlamudi during 18th-20th June 2009
- “AICTE approved workshop on “*Computational Mecahnics*”, organised by P.V.P Siddhartha Institute of Technology,Vijayawada in the month of May 2009.
- “A National level seminar on “*Micro Machining*” organised by AICTE & R.V.R.& J.C College of Engineering ,Guntur during Dec19th&20th,2008.
- “*Induction Training For Young Faculty*” organised by ISTE Chapter, R.V.R.& J.C College of Engineering ,Guntur in July 25&26th 2008.

ACHIEVEMENTS / AWARDS:

- ❖ Won the ***momento*** for the academic excellence at PG Level of R.V.R & J.C College of Engineering, Guntur-19 in 21st & 22nd annual celebrations during the years 2006-’07 & 2005-’06.
- ❖ An ***incetnitive*** of Rs 3000/- was given by the Management of R.V.R & J.C College of Engineering, Guntur for Receiving UGC sponsored research Project.

Professional MEMBERSHIPS:

PROFESSIONAL SOCIETIES	MEMBERSHIP NUMBER	MEMBERSHIP TYPE
Member of IE, Kolkata.	M-153651-0	LIFE MEMBER
Member of ISTE, New Delhi.	LM56777	LIFE MEMBER
Member of International Association of Engineers (IAENG)	124402	LIFE MEMBER
Member of International Association of Engineers and Scientists (IAEST)	01304872	Member
Member of The Institute of Research Engineers and Doctors (IRED) – Universal Association of Mechanical and Aeronautical Engineers (UAEME)	SNM101000385	Senior Member For 3 Years

Professional SKILL SET:

- Programming Languages known : C , MATLAB
- Operating System Known : MS- DOS, WIN 98, WINXP.
- Design Softwares : AUTO CAD2004, CATIA V5,PRO-E
- Manufacturing softwares : MASTER CAM, FANUC Programming
- Analysis softwares : ANSYS

ADDITIONAL DUTIES:

- ✓ Acted as **Asst. Chief Superintendent** to Conduct VRO/VRA Recruitment Test on 19-02-2012 at R.V.R & J.C College of Engineering, Guntur-19.
- ✓ Acted as a **member** of committee in Souvenir publication as a part of 25 Years silver jubilee celebrations of R.V.R & J.C College of Engineering, Guntur-19.
- ✓ Acted as **Co- Editor** for the Proceedings of National Conference on Recent Advances in Mechanical Engineering (NCRAME-2011) at R.V.R & J.C College of Engineering, Guntur-19, and July 7-8, 2011.

ACADEMIC/ADMINISTRATIVE DUTIES:

- **Class In-charge** Responsibility for UG & PG Students.
- Acting as a **member** of Department In charge for External Examinations Committee @ R.V.R & J.C College of Engineering, Guntur-19.
- Acted as a **member** of College Web Site & Automation committee , College Magazine Committee at R.V.R & J.C College of Engineering, Guntur-19.
- Actively involved in NBA , NAAC , Autonomous preparations of the Department .

[SAMEER KUMAR.D]