

Profile of Dr. A. RAMESH



Dr. A. RAMESH *M.E, Ph.D, MISTE, FTSI, FIIPM, FIE*

No 7 5,9th cross, Muneshwaranagara,
Ullal road, Jnanabarthi Post,
Bangalore -560056, India.

E-mail:

prof_ramesh_epcet@yahoo.com

**Mobile: +91 - 9448104666, +91 -
09440084817**

Objectives:

- ❖ Seeking a challenging career in Education management/**Mechanical Engineering**, where my enthusiasm and conceptual skills could be utilized and contributed to the management of related operations.
- ❖ To Contribute to the field of Engineering and Technology by **Research** and become the best **Academician and Resource Person**

Strengths:

- ❖ **Ph.D from Mysore University, Bangalore.**
 - ❖ **Guided / Guiding various PhD Scholars, PG & UG Students.**
 - ❖ **Published 56 papers in various International / National Journals and International / National Conferences.**
 - ❖ **Around 25+ years of experience in total constituting:**
 - **Teaching Experience - 24+ years**
 - **Research Associate Experience in R & D Centre - 4 years**
 - **Industrial Experience - 1 year**
 - ❖ Strong background in Mechanical Engineering, exceptional skills in communication, presentations with demonstrated abilities in delivering lectures.
 - ❖ Excellent Troubleshooting Skills; Tenaciously Committed to the Thorough Resolution of Technical Issues; Good interpersonal, Time Management Skills and the Ability to Work Well in a Team Environment.
-
-

Positions Held (starting from current):

- **Principal in B.I.T.Institute of Technology, Kadiri Road, Hindupur.**
Duration: October 2015 to Till Date
[Teaching]
- **Principal in Gates Institute of Technology, Gootyananthapuram, Gooty, Ananthapur (Dist).**
Duration: June-2006 to September 2015
[Teaching]
- **Principal in B.I.T.Institute of Technology, Kadiri Road, Hindupur.**
Duration: June-2005 to June-2006
[Teaching]
- **Professor in East Point college of Engineering and Technology, Bangalore.**
Duration: April-2005 to June-2005
[Teaching]
- **Assistant Professor in East Point college of Engineering and Technology, Bangalore.**
Duration: April-2002 to April-2005
[Teaching]
- **Assistant Professor & HOD in B.T.L Institute of Technology, Bangalore.**
Duration: April-2000 to April-2002
[Teaching]
- **Lecturer in R.V. College of Engineering, Bangalore.**
Duration: 1998 to 2000 **[Teaching]**
- **Lecturer in Dayanand Sagar College of Engineering, Bangalore.**
Duration: 1997 to 1998 **[Teaching]**
- **Lecturer in Adhiyamman College of Engineering, Hosur.**
Duration: 1995 to 1997 **[Teaching]**
- **HOD in Ananda Marg Polytechnic, Malur.**
Duration: 1992 to 1995 **[Teaching]**
- **Lecturer in Ananda Marg Polytechnic, Malur.**
Duration: 1990 to 1992 **[Teaching]**
- **Quality Control Engineer in Devilog systems, Peenya, Bangalore**
Duration: 1989 to 1990 **[Industry]**

Memberships of Technical Bodies:

- Fellow of **Institute of Engineers (FIE)**.
- Fellow of Tribology Society of India (**FTSI**)
- Fellow of Indian Institute of Production & Management Engineering (**FIIPM**)
- Life Member of **Indian Society for Technical Education (MISTE)**

Publications in National Journals:

1. G.R.C.Pradeep¹, A.Ramesh², G.B.Veeresh Kumar³ "EFFECT OF Al₂O₃ PARTICULATE REINFORCEMENT IN Al6061 ALLOY" published in Material Science Research India (An International Research Journal of Material Sciences), Vol.6(2), 453-458, 2009
2. A.R.K.SWAMY¹, A.RAMESHA², J.N.PRAKASH³,VEERESH KUMAR G.B.⁴, Mechanical and Tribological properties of as-cast Al6061-Tungsten Carbide Metal Matrix Composites, an International Research Journal of Material Science Research India Vol.7(2),355-368(2010)(Copy of Abstract enclosed)

Publications in International Journals:

1. K.W.H Seah, S.C. Sharma, A.Ramesh. "Mechanical properties of cast 6061, Aluminium/Albite particulate composites", published in LO 1399, Imech - 2000, Proc of INST, Mechanicalengineers, VOL -2 I 4' part -L.
2. S.C.Sharma, K.W.H Seah, M.Krishna & A.Ramesh, "Oxidation behavior of 6061 Aluminium/Albite composites at high temperature", published in the journal of alloys and Compounds, 306(2000) 270-276.
3. S.C.Sharma, A.Ramesh, "Effect of heat treatment on mechanical properties of particulate reinforced AL6061 composites" published in Journal of Materials Engineering &Performance Vol 9(2000) 1-5
4. Dr S.C.Sharma, K.W.H Seah, M.Krishna, A.Ramesh, " A study of the coefficients of thermal expansion AI alloy 6061-albite composites", published in Journal of Institute of Mechanical Engineering, Vol 215 part L, 55-59
5. J.N.Prakash¹, Dr.A.Ramesha¹, A.S.Shiva Shankare Gowda², Sonnappa Appaiah³ " Comparison of Mechanical Properties of 6061 Aluminium / Albite, and Aluminium 6061 / Graphite Metal Matrix composites", published in Journal of Minerals and Material Characterisation and Engineering, Vol 8, No.2 pp 93 – 106, 2009
6. A.R.K.Swamy, A. Ramesh, J. N. Prakash, Veeresh Kumar G.B., a paper on "Mechanical and Tribological properties of as cast Al6061-Tungsten Carbide Metal Matrix Composites" published in International Journal of Material Science Research India Vol.7(2), 355-368 (2010)

7. A.R.K.Swamy, A. Ramesh, J. N. Prakash, Veeresh Kumar G.B., a paper on "Effect of Particulate Reinforcements on the Mechanical Properties of Al6061-WC and Al6061-Gr MMCs" published in International Journal of Minerals and Materials Characterization and Engineering Vol. 10, No.12, pp.1141-1152, 2011.
8. A.R.K.Swamy, A. Ramesh, J. N. Prakash, Veeresh Kumar G.B., a paper on " " published in International Journal of Composite Materials (SAGE track) Manuscript ID: JCM-11-0153 (Accepted)
9. G.R.C. Pradeep¹, Dr. A. Ramesh², Dr. B. Durga Prasad³, "**Hardfacing of AISI 1020 Steel by Arc Welding Comparison with TIG Welding Processes**", published in *Journal of Scientific Research, Bangladesh, ISSN: 2070-0237 (Print); 2070-0245 (Online)*, 5 (1), Jan 2013, Pages 119-126.
10. G.R.C. Pradeep¹, Dr. A. Ramesh², Dr. B. Durga Prasad³, "**Comparative Study of Hardfacing of AISI 1020 Steel by Gas Welding and TIG Welding Processes**" published in *IOSR Journal of Engineering (IOSRJEN), e-ISSN: 2250-3021, p-ISSN: 2278-8719*, Vol. 2, Issue 9, Sept 2012, Pages 18-22.
- 11 G.R.C. Pradeep¹, A. Ramesh², G.B. Veeresh Kumar³, "**STUDIES ON MECHANICAL PROPERTIES OF AL6063-SIC COMPOSITES**" published in *International Journal of Advanced Engineering & Applications, ISSN: 0975-7783*, Jan 2011, Pages 71-73.
- 12 G.R.C. Pradeep¹, Dr. A. Ramesh², Dr. B. Durga Prasad³, "**A REVIEW PAPER ON HARDFACING PROCESSES AND MATERIALS**" published in *International Journal of Engineering Science and Technology, ISSN: 0975-5462*, Vol. 2(10), Nov 2010, 6507-6510.
- 13.G.R.C. Pradeep¹, A. Ramesh², G.B. Veeresh Kumar³, "**EFFECT OF Al₂O₃ PARTICULATE REINFORCEMENT IN AI6061 ALLOY**" published in *Material Science Research India (An International Research Journal of Material Sciences), ISSN: 0973-3469*, Vol. 06, No. 02, Dec 2009, Pages 453 - 458.
- 14.14. Mala Ashok Kumar^a, G. Ramachandra Reddy^b, A. Ramesh^c, Bh. Nanjunda Reddy K. R. Vishnu Mahesh^e and P. Sanjeev Kumar "**Performance of Coconut Shell Particulate Filled Polyester Composites**" Pak. j. sci. ind. res. Ser. A: phys. sci. 2012 55(3)
- 15.H.Ranganna,M.Ashok Kumar, A.Ramesh, K. Madhava Reddy, N. Karthikeyan "**Development and Behaviour of Mechanical Properties of Graphite / Granite filled Epoxy Hybrid Composites**" accepted for publication in International Journal of Fiber and Textile Research, Universal Research Publications available online at <http://www.urpjournals.com>. ISSN 2277-7156.
- 16.Shiva Shankare Gowda.A.S¹ J.N.Prakash, A. Ramesh "**A Study on Wear Characterisation of AL6061 based Hybrid Composites**" International journal of Engineering Research and Technology", Vol. X(0X), 2013, ISSN 2278-0181.
- 17.Palla Hari Sankar, Y.V. Mohana Reddy, K. Hema Chandra Reddy, M. Ashok

- Kumar, Dr. A. Ramesh, **"The Effect of Fiber Length on Tensile Properties of Polyester Resin Composites Reinforced by the Fibers of Sansevieria trifasciata"** Published in International Letters of Natural Sciences ISSN 2300-9675 – Vol3(2014) 7-13.
- 18.V. Sankar¹, Shiva Shankare Gowda.A.S¹, A. Ramesh² **"Analysis of alloying elements and Mechanical properties of T6 treated Aluminium Silicon Alloys"** International journal of Engineering Research and Technology, Vol. X(0X), 2013, ISSN 2278-0181.
 - 19.A. Kishore, D. B. Venkatesh, M. Ashok Kumar, A. Ramesh, K. Nikhil Murthy, N. Karthikeyan **"Hydrophilic Modified clay Nanocomposites: Effect of clay on Thermal and Vibrational Properties"** International journal of Chemistry, Physics and Astronomy, Vol8 (2014) 73-86 ISSN 2299-3843.
 - 20.A. Ramesh, M. Ashok Kumar, G. Ramachandra Reddy, N. Karthikeyan, H. Ranganna, N. Madhava Reddy and S. Mahaboob Basha **"Mechanics of Advanced Materials and Structures"** International journal of Natural Sciences. A:Phys.Sci. Volume 58, in 2015.
 - 21.A.Ramesh,Bhaskarraju.S.A,A.R.K.Swamy**"Mechanical and Tribological behavior of Aluminium Metal Matrix Composites using Powder Metallurgy technique- A Review"** published in the International Journal of Mechanical Engineering and Robotic Research ISSN2278-0149,vol3,No.4,October 2014.
 - 22.A.Ramesh,Kiran Rao,G.R.C.Pradeep**"fabrication and Analysis Of Adiabatic vortex Tube"** published in International journal of International Organization of Scientific Research oct 2014.
 - 23.D. Sai Chaitanya Kishorea, *, Dr. K. Prahlada Raob, Dr. A. Ramesh **"Optimization of machining parameters for improving cutting force and surface roughness in turning of Al6061-TiC in-situ metal matrix composites by using Taguchi method "** accepted for publication in international Journal Elsevier publication **"Materials Today"**
 - 24.Dr.A.Ramesh, *, B.Sandya rani Dr.B.Durga Prasad, C.Mohannaidu **"A review on Carbon Fibers "**Publised in international Journal of Advanced Engineering and Global Technology, " vol-3,issue-04,April 2015(ISSN No:2309-4893)

Publications in International Conferences:

1. A.Ramesh, S.C. Sharma, B.M.Satish, " A study on the mechanical properties of as cast & heat treated Al 6061 Al-bite metal matrix composites", presented at the 6th Japan International SAMPE symposium and exhibition held at Tokyo Big City, Tokyo, during 26-29,October,1999
2. A.Ramesh, Dr S.C.Sharma, M.Krishna, " A quantitative analysis of Co-efficient of thermal expansion of al-bite reinforced Al -6061 MMC's", presented at the 61h Japan International SAMPE symposium & Exhibition held at Tokyo Big City, Tokyo, during 26-29,October, 1999
3. Dr. S.C.Sharma, M.Krishna, A.Ramesh, "Oxidation behavior of aluminium-Al-bite composites at higher temperature", presented at the international scientific

- practical conference on modern technology in aerospace complex held at Zhitomer institute of Engineering & Technology, Ukraine, during 3-5 September 1999, p54-61.
4. V.T.Vijayalakshmi, M.Krishna, A.Ramesh, Dr Jayagopal Ilchil," A study on stress corrosion behavior of LM 13/albite composite in high temperature & pressure acidic medium using autoclave", presented at international conference, workshop & exhibition on advances in composites-2000 held on 24-26 August, 2000 at Bargalore, India, p. 501-509.
 5. "Effect of heat treatment on corrosion behavior of AI-albite MMC's", presented at ASM international materials solution, conference & exposition 2000 held at America's Centre, St Louis, Missouri, USA during October 9-12-2000
 6. J.N.Prakash¹, Dr.A.Ramesha², Dr.B.M.Satish³, A.S.Shiva Shankare Gowda⁴ Tribological Studies of Glass Fibre Reinforced Vacuum Grade Polyurethane Resins for Rapid Prototyping Presented at International Conference & Exhibition on "Total Engineering Analysis & Manufacturing Technologies", Team Tech 2007, J.N.Auditorium, IISc, Bangalore, Karnataka, India Year of Publication, Proceedings, p-99, 4th to 6th of October 2007
 7. A.S.Shiva Shankare Gowda¹, Dr.A.Ramesha²,Sonnappa Appaiah³,J.N.Prakash⁴ Effects of Reinforcements on the Mechanical Properties of Cast AL6061 based Hybrid Composites Presented at International Conference & Exhibition on "Total Engineering Analysis & Manufacturing Technologies", Team Tech 2007, J.N.Auditorium, IISc, Bangalore, Karnataka, India Year of Publication Proceedings, p-99, 4th to 6th of October 2007
 8. J.N.Prakash¹, Dr.A.Ramesha², Sonnappa Appaiah³, A.S.Shiva Shankare Gowda⁴ E-Glass Fibre Reinforced Vacuum Grade Polyurethane Composites: Processability and Mechanical Properties presented at International Conference & Exhibition on "Total Engineering Analysis & Manufacturing Technologies", Team Tech 2007, J.N.Auditorium, IISc, Bangalore, Karnataka, India Year of Publication Proceedings, p-100, 4th to 6th of October 2007
 9. A.S.Shiva Shankare Gowda¹, Dr.A.Ramesha², J.N.Prakash³, Sonnappa Appaiah⁴ Effects of Reinforcements content on Wear Characteristics of AL6061 based hybrid composites Presented at International Conference & Exhibition on "Total Engineering Analysis & Manufacturing Technologies", Team Tech 2007, J.N.Auditorium, IISc, Bangalore, Karnataka, India Year of Publication Proceedings, p-104, 4th to 6th of October 2007
 - 10.Santhosh .B¹, J.N.Prakash², Dr.A.Ramesha³, Nithin Venkatram⁴ Development of Pneumatically Actuated Resin Handling System for Processing PU-Based Rapid Prototyping Resin Systems Presented at International Conference & Exhibition on "Total Engineering Analysis & Manufacturing Technologies", Team Tech 2007, J.N.Auditorium, IISc, Bangalore, Karnataka, India Year of Publication Proceedings, p-129, 4th to 6th of October 2007.
 - 11.G.R.C.Pradeep, A.Ramesh, G.B.Veeresh Kumar¹ "STUDIES ON MECHANICAL PROPERTIES OF Al6061-Al₂O₃ COMPOSITES" published in International Conference on Materials, Mechanics and Management (IMMM2010), held in Jan 2010 at College of Engineering Trivandrum, Thiruvananthapuram-695016, Kerala, India.
 - 12.A.R.K.Swamy¹,Dr. A. Ramesh², J.N.Prakash³,Veeresh Kumar G.B⁴ has published in Team Tech – 2009 of International conference & Exhibition on "Total Engineering, Analysis & Manufacturing Technologies", held on 19-21 Nov 2009 at Jnana Jyothi Auditorium, Bangalore, INDIA

13. A.R.K.SWAMY¹, A.RAMESHA², J.N>PRAKASH³, VEERESH KUMAR G.B.⁴, Mechanical Property Evaluation of As-Cast Al6061-Tungsten Carbide-Graphite Hybrid Composites, International Conference TEAM TECH-2009 Nov 19-24 Bangalore (Best Paper Award) (Copy of Abstract and Certificate Enclosed)
14. A.R.K.SWAMY¹, A.RAMESHA², J.N>PRAKASH³, VEERESH KUMAR G.B.⁴, Mechanical Property Evaluation of As Cast Al6061-Tungsten Carbide Composites, an International Conference ICSE-2010 April 21-23 Dayananda Sagar Institution Bangalore
15. A.R.K. Swamy¹, Dr.A. Ramesh², J.N.Prakash³, Veeresh KumarG.B⁴ has published Mechanical Property Evaluation of AS Cast AL6061-Tungsten Carbide Composites from ICSE-2010 held on April 21 to 23 of 2010.
16. PRAMOD, A.R.K.SWAMY, A.RAMESHA, Finite element analysis of aluminum based MMC's and HMMC's International conference AMMT-2010 19th Nov.SIT, TUMKUR.
17. A.R.K.SWAMY¹, A.RAMESHA², VEERESH KUMAR G.B.³, Mechanical and Tribological Properties of As-Cast Al6061-Tungsten Carbide-Graphite Hybrid Metal Matrix Composites, an International conference INCROME-2011 April 21-22 Dr. M.G.R. University Chennai.
18. A.R.K.SWAMY¹, A.RAMESHA², VEERESH KUMAR G.B.³, "Combined effect of T6 heat treatment and reinforcements on tribological properties of Al6061-Wc-Gr Hybrid Metal Matrix Composites" an International conference on advanced materials ICAM-2011, BTL Institute of Technology, Bangalore on 19th & 20th of August 2011.
19. Dr. A. Ramesh¹, A. Hareesh², G.R.C.Pradeep Kumar³, Comparative Study of Hard Facing of Low Carbon Steels using arc welding and gas welding presented at the National Conference (DOCAM – Development and Opportunities in Civil Engineering, Applied Sciences & Mechanical Engineering - 2012) held at East West Institute of Technology, Bangalore on 18th & 19th May 2012.
20. Dr. A. Ramesh¹, A. Hareesh², G.R.C.Pradeep Kumar³, Comparative Study of Hard Facing of Low Carbon Steels using Tig Welding and gas welding presented at the National Conference (DOCAM – Development and Opportunities in Civil Engineering, Applied Sciences & Mechanical Engineering - 2012) held at East West Institute of Technology, Bangalore on 18th & 19th May 2012.

International Journals Communicated:

1. A.R.K.SWAMY¹, A.RAMESHA², G.B.Veeresh KUMAR³, J.N.PRAKASH⁴, effect of particulate reinforcement on the Mechanical Properties of Al6061-WC and Al6061-Gr MMCs, International journals JMMCE USA, Ref number 3460313 (Submission conformation letter enclosed, it is under technical review)
2. A.R.K. Swamy¹, A.Ramesha², G.B.Veeresh Kumar³, studies on properties of As-Cast Al6061-WC-Gr Hybrid MMCs, International journal of Composite materials (SAGE track) Manuscript ID: JCM-11-0153 (Submission conformation letter enclosed it is under technical review)
3. A.R.K.Swamy¹, A.Ramesha², G.B. Veeresh Kumar³, combined effect of reinforcement and T6 Heat Treatment on Mechanical Properties of Al6061-Tungsten Carbide Metal Matrix Composites, International Journal of Applied

composite materials (Submission conformation letter enclosed, it is under technical review)

4. A.R.K.Swamy¹, A.Ramesha², G.B.Veeresh Kumar³, effect of T6 Heat Treatment and Reinforcements on Tribological Properties of Al6061-WC MMCs, International journal of Mechanics of Advanced Materials and Structures Manuscript ID: UMCM-2011-0057 (Submission conformation letter enclosed, it is under technical review)
5. A.R.K.Swamy¹, A. Ramesha², G.B.Veeresh Kumar³, combined effect of Reinforcement and T6 Heat Treatment on Mechanical Properties in Al6061-WC-Gr HMMCs.

Publications in National Conferences:

1. V.T. Vijaylakshmi, M.Krishna, A.Ramesh, Dr Jayagopal Uchil, " A study on stress corrosion behavior of LM13/albite composite in high temperature and pressure acidic medium using autoclave", presented at national seminar on Recent advances in experimental mechanics, Department of Aerospace Engineering, IIT, Kanpur held on 15-16 March 2000, p-33-44
2. J.N.Prakash , Dr.A.Ramesha , Dr.J.Venkatesh " Trends in Glass Fibre Reinforced Polyurethane Composites, A broad based review", presented at the 3rd National conference on Polymers (Polymers Blends and Composites) held on 15th and 16th April 2005, at Sri Jayachamarajendra College of Engineering, Mysore.
3. Dr.A.Ramesha , J.N.Prakash Mechanical properties of Al6061-Albite –Graphite particulate composites" presented in the National Conference on Emerging Trends In Mechanical Engineering held at Adiyaam College of Engineering Hosur, Tamilnadu on 1-2 March 2007.
4. A.S.Shiva Shankare Gowda , Dr.A.Ramesha ,Sonappa Appaiah , J.N.Prakash "Influence of Graphite Particulate on Mechanical and wear properties of Cast Aluminium Albite Composite" ,presented in the National conference held on April 26,27 by Alagappa Chettier Institute of Technology, Karaikudi, Tamil Nadu.
5. J.N.Prakash, Dr.A.Ramesha , Santhosh B ,Tony Glad X ., Nithin Venkatramn " Design and Development of Pneumatic support system for RIM of Polyurethane Glass fiber Composites" presented in the National conference held on April 26, 27 by Alagappa Chettier Institute of Techanology, Karaikudi, Tamil Nadu.
6. J.N.Prakash ¹, Dr. A.Ramesha², Dr.B.M.Satish³ Dry Sliding Wear Behavior of Glass-Polyurethane and Glass-Polyester composites presented at National Conference on Recent Trends in Mechanical Engineering Sciences – RTIMES 2008 Year of Publication Proceedings, p-307, 21st-22nd of Feb 2008.
7. A.S.Shiva Shankare Gowda¹, Dr. A.Ramesha², J.N.Prakash ³" Tribiological behavior of Aluminium / Graphite/ Albite metal matrix composites" Presented at National Conference on Recent Trends in Mechanical Engineering Sciences – RTIMES 2008 Year of Publication Proceedings, p-302, 21st- 22nd of February 2008.
8. A.R.K. SWAMY, A.RAMESHA, MANJUNATHA.S.V. Comparison of the mechanical properties of Al6061-WC & Al6061-Gr MMCs, a National conference DCMP April 7-9 DBIT, Bangalore.
9. A.R.K.SWAMY¹, A.RAMESHA², VEERESH KUMAR G.B.³, "Comparison of the Mechanical Properties of Al6061-Wc and Al6061-Gr MMC's" an National

conference on advanced materials DCMP-2011, Don Bosco Institute of Technology, Bangalore on April 07-09 2011

10. Dr. A. S. Shiva Shankare Gowda¹, Dr. A. Ramesha¹, Dr. J.N. Prakash², effects of Albite and Graphite Content on Wear Characteristics of Al (6061) Based Hybrid Composites, an National Conference on Developments and Opportunities in Civil Engineering, Applied Sciences and Mechanical Engineering: DOCAM-2012 organized by East West Institute of Technology, Bangalore on 18th & 19th May 2012.
11. Dr. J.N. Prakash¹, Dr. A. Ramesha¹, Dr. A. S. Shiva Shankare Gowda², Mechanical Property Evaluation of Graded Glass Fibres Reinforced Polyurethane Composites, an National Conference on Developments and Opportunities in Civil Engineering, Applied Sciences and Mechanical Engineering: DOCAM-2012 organized by East West Institute of Technology, Bangalore on 18th & 19th May 2012.
12. G.R.C. Pradeep¹, Dr. A. Ramesh², Dr. B. Durga Prasad³, A. Hareesh⁴, Study of Weld Hardsurfacing of AISI 1020 Steel Using Gas and TIG Welding Processes, an National Conference on Developments and Opportunities in Civil Engineering, Applied Sciences and Mechanical Engineering: DOCAM-2012 organized by East West Institute of Technology, Bangalore on 18th & 19th May 2012.
13. Dr. A. S. Shiva Shankare Gowda¹, Dr. A. Ramesha¹, Dr. J.N. Prakash², Mechanical Characterization of Cast Aluminium Alloy AL 6061/Albite/Graphite Hybrid Composites an National Conference on Developments and Opportunities in Civil Engineering, Applied Sciences and Mechanical Engineering: DOCAM-2012 organized by East West Institute of Technology, Bangalore on 18th & 19th May 2012.
14. Dr. J.N. Prakash¹, Dr. A. Ramesha¹, Dr. A.S. Shiva Shankare Gowda², A Novel Method of Processing Polyurethane Rapid Prototype Resins, an National Conference on Developments and Opportunities in Civil Engineering, Applied Sciences and Mechanical Engineering: DOCAM-2012 organized by East West Institute of Technology, Bangalore on 18th & 19th May 2012.
15. G.R.C. Pradeep¹, Dr. A. Ramesh², Dr. B. Durga Prasad^{3*}, A. Hareesh⁴, Study of Weld Hardsurfacing of AISI 1020 Steel Using ARC and TIG Welding Processes, an National Conference on Developments and Opportunities in Civil Engineering, Applied Sciences and Mechanical Engineering: DOCAM-2012 organized by East West Institute of Technology, Bangalore on 18th & 19th May 2012.
16. Dr. A. Ramesh, Kiran Rao, "fabrication and Analysis Of Adiabatic vortex Tube" presented and published in National conference proceedings "NCIME14' on 18 and 19 december 2014 at Madanapalli Institute of Technology, Madanapaali, Andrapradesh.
17. Dr. A. Ramesh, B. Sandhya Rani, C. Mohan Naidu "A review of carbon fibers " presented and published in National conference proceedings "COMET 15' on 20 and 21 February 2015 at Ballary Institute of Technology, Ballary, Andrapradesh.

Work Shops Attended:

1. Attended two weeks short term training program sponsored by AICTE-ISTE, NEW DELHI "Recent developments in automotive vehicle design held at P.E.S College of Engg. Madya from 20-09-1999 to 01-10-1999.
2. Visvesvaraya College of engineering in association with institute of Smart Structures and systems, during 8th to 11th November 2000.
3. Attended workshop on "Condition Based Maintenance of Machinery" organized by Dept. of mechanical Engg. R.V. College of Engg on 24th April 2001.
4. Attended workshop on "Finite Element Analysis For Mechanical Engg ", organized by Department of Mechanical Engg & Center for Industry Institute Interaction, Sir. M.Visvesvaraya Institute of Technology, Bangalore during 17th -19th October, 2001.
5. Attended workshop on "Tig- MIG Welding of stainless Steel & Aluminum Alloys ", organized by Department of Mechanical Engg, BTL Institute of Technology, Bangalore on 4th January,2002.
6. Attended workshop on "Indo German Workshop on Automotive Engineering IGWAE-2003, organized by Department of Mechanical Engg .R.V. Engineering College,Bangalore during 27th Feb – 1st Mar,2003.
7. Attended workshop on "Polymer Composite Materials: Manufacture,Properties and their Applications " , organized by Department of Mechanical Engg S.J.C Institute of Technology, Chickbalapur on 5th April2003.
8. Attended workshop on "Advanced Materials – Trends and Technologies" ,organized by Department of Mechanical Engg M.S.R Institute of Technology, Bangalore on 3rd May2003.
9. Attended workshop on "Product Lifecycle Management and Collaborative product Commerce", held on 4th November,2004 at IISc., Bangalore.
- 10.Attended workshop on "Renewable Energy Education & Research " , organized by Department of Mechanical Engg East-Point college Engg & Technology, Bangalore on 10th 17th August,2004.
- 11.Attended workshop on "Deanaryship in Organizations ", organized by Department of advanced studies & Management, Christ College, Bangalore.
- 12.Attended Seminar "industry Institute partnership in Quality Education", organized by Hyderabad Software Export Association, Hyderabad.
- 13.Attended Seminar on "HYSEA Technology Day", organized by Hyderabad Software Export Association, Hyderabad.
- 14.Attended workshop on "Strength of Materials" organized by indo-US Collaboration for Engineering Education at GEC-2, Infosys Mysore during 6th – 12th june2009.
- 15.Attended workshop on "TAPTECH Programme" jointly organized by AICTE, New Delhi, JNTU, Hyderabad, NBA-AICTE, New Delhi & CII, Hyderabad on 7th August,2009
- 16.Attended Workshop on "Strength of Materials" in Indo US Engineering Faculty Leadership Institute on 06th – 10th July2009 at Mysore.
- 17.Attended TEQIP-II workshop for awareness on TEQIP-II for Engineering Colleges conducted by department of Technical Education on 12.01.2010.
- 18.Attended and presented the case study of "Solar Rooftop 100KVA Power Plant at Gates Institute of Technology" in the conference held by Andhra Pradesh Energy Conservation Mission jointly with MNRE and CII at Institute of Engineers, Hyderabad on 03.09.2011.
- 19.Attended Workshop on "Online Training and Assessment using MOODLE" jointly organized by Department of MCA and Department of Training and Placements from 02nd Dec2010 to 03rd Dec2010 at Gates Institute of Technology.

20. Attended National Program for Placement Officers, Deans and Principals of Engineering colleges titled "Transformation of Students into Industry - Suitable on 25th & 26th Nov2011 at IIT-MADRAS, Research Park – Chennai
21. Attended NPTEL NMEICT Awareness Workshop at NIT Warangal on August 31 to September 1, 2012
22. Attended for Awareness Program on "INTELLECTUAL PROPERTY RIGHTS(IPR)" organized by Government of India, Ministry of Micro, Small & Medium Enterprises, MSME-Development Institute-HYD at Anantapur on 07.12.2012.
23. Attended Two Day International Workshop on Composites Design & Analysis Using FEM under TEQIP – II organized by Department of Mechanical Engineering – MITS on 21st & 22nd of December2012
24. Attended workshop for One day Orientation National Board of Accreditation program on 29.04.2013 at JNTUA-Anantapur.
25. Attended one day workshop on 20th Sep2013 at NPTEL Workshop organized by "National Programme on Technology Enhanced Learning" at IIT-CHENNAI
26. Attended two day National Level Workshop on "Recent Trends in Tribology" from 29th to 30th Nov2013 at Sree Vidyanikethan Engineering College at Tirupathi.
27. Attended for two day "**National Conference on Emerging Nano Materials** (NCENM-2014) in Sri Krishna Devaraya University at Anantapuram on 21st & 22nd Mar2014.

Known Software & Working Knowledge:

- **AUTO CAD**
- **SOLIDEDGE**
- **M S OFFICE (Word, Excel, PPT)**
- **INTERNET APPLICATIONS**
- **WORKING KNOWLEDGE OF DENFORD CNC MACHINES**

Guiding PhDs:

- Presently guiding one **research scholar** for pursuing their Doctoral studies leading to Ph.D in Mechanical Engineering & 4 have been awarded doctorate from JNTUA – Anantapuramu, VTU-Belgaum, MGR University - Chennai
- One Research Scholar pursuing his Ph.D. Degree from Viswesvaraya Technological University under my guidance.

Responsibilities Shouldered and Notable Achievements so far:

- Research Associate in R&D centre RVCE (CMRTU)
- Worked as UGC project coordinator under the project entitled" Synthesis and analysis of Aluminum / Garnite particulate composite" from 1997 to 1999.
- Actively participated in Executing twenty research projects funded by ISRO, UGC, DST, LRDE, andm AICTE.
- Guided several research scholars for Doctoral studies and PG and UG students.
- Instrumental in setting up of all Mechanical Engineering Laboratories at CMRTU (RVCE), BTLITM ,ECP CET andGATESIT.
- Worked as Head of the Department of Mechanical Engineering at BTLITM from 2000 to 2002
- Worked as Deputy Chief of examination conducted by VTU for 5 years.

- Actively involved as Placement Coordinator from 2002 to 2004 at EPCET
- A grant worth of Rs. 8,00,000/- was sanctioned from ISRO for the project entitled "Synthesis and Analysis of Polyurethane/Glass fibre for Aerospace Applications"
- Worked as coordinator in conducting a State level workshop in "Advances in TIG-MIG welding Technology" at BTLITM, 2000.
- Worked as coordinator in conducting a state level workshop on "Renewable Energy Resources" at EPCET, 2003
- Design and Development and fabrication of testing equipments for composite materials and fibre reinforced composites.
- Presenting and drafting of research proposals for submission to receive financial support from various funding agencies such as DST, ISRO, and AICTE.
- Attended and participated in seminars, training programs, workshops and expert Lectures.
- Actively involved in getting industrial consultancy to the institution at CMRTU (RVCE) EPCET.
- Chaired a session at international conference "TEAM TECH-2004" conducted at IISc
- Instrumental in setting up an advanced flexible manufacturing system at BTLITM.
- Introduced successfully student counseling, class representative feedback, parents information system about the student's progress and student feedback system at BITIT and Gates Institute of Technology.
- Organized 4 day workshop in Interview Skills and communications Skills by Institute of Mind Management, Bangalore and Two days Workshop on Embedded systems by Mr. Sampath Kumar, Senior Manager GE (Health Care) and Mr. Dinesh Senior Software Engineer Samsung India Pvt. Limited. India.
- Actively Involved in Organizing Free Blood Donation Camp, Eye Camp, Free Note Books Distribution and Free Medical Camp at Gates Institute of Technology, Gooty.
- Actively Involved in NSS Wing of Gates Institute of Technology and constructed a approach road to school and Organized Pulse Polio Programme.
- Instrumental in improving quality of Engineering Colleges by Creating the best Infrastructure and Documentation as per AICTE, JNTU, VTU, Madras University and Bangalore University at various colleges.
- Started IETE, ISTE & CSI student chapters & processed Institutional memberships.
- MOU with HCL Infotech & activated Infosys campus connect, Jawahar Knowledge Centre at Gates Institution of Technology, Gooty.
- Organized State level Workshop for One day on "Intellectual Property Rights" on 29th Nov 2010.
- Obtained a Grant of 67, 00,000 from MNRE for 100KW Captive Solar Power Plant and commissioned at GATES Institute of Technology, GOOTY.
- DRDO has sanctioned 6 lakhs under my guidance to develop Robotic command system
- Under my flagship Gates Institute of technology was ISO 9002:2008 certified.
- Organized a "Investor Awareness Programme" (an IEPF Initiative under to Ministry of Corporate Affairs) on "**Investor Education and Grievance Redressal Mechanism**" sponsored by Investor Education & Protection Fund, Ministry of Corporate Affairs, Government of India at Gates Institute of Technology on 05.11.2013.
- Appointed as a Subject Expert of JNTUA – Anantapur to set question papers in "Creative Engineer Design", "Robust Design" and "Concurrent Engineering for M.Tech Regular – Jan2014 Examinations.
- Convener of Two day National Workshop "AEROTRIX" of Bi-Plane design and flight testing in the month of Jul2014 at Gates Institute of Technology-GOOTY

- Shouldered as a Editor in Chief for designing Prospectus, Brochures & College Magazine namely "INFO QUEST" at Gates institute of Technology-GOOTY

Subjects handled:

- MES
- Eng Graphics
- Machine Drawing
- Heat and Mass Transfer
- Material Science
- Foundry Technology
- Manufacturing Processes
- Production operations Management
- Industrial Management
- Industrial Automation
- Automobile Engineering
- Fluid Mechanics
- Fluid Machinery
- Operations Research
- Control Engineering
- Hydraulics and Pneumatics
- Mechatronics

Labs handled:

- Handled workshop, Heat transfer lab ,Hydraulic and Machinery lab, Manufacturing lab, Metrology and Instrumentation lab, Cad and Cam lab, Foundry and forging lab, Machine lab, Sand testing lab etc in Mechanical Engineering.
- Instrumental in establishing all labs of Mechanical Engineering as per Anna university ,VTU-Karnataka and JNTU-Ananthapur, A.P

Professional Qualifications:

Sl. NO .	EXAMINATION PASSED	NAME OF THE INSTITUTE	BOARD UNIVERSITY /	YEAR OF PASSING
1.	PhD (Mechanical Engineering)	Mysore University	Mysore University	2004
2.	M.E (Metal Casting Science)	MSRIT, Bangalore	Bangalore University	1995
3.	B.E (Mechanical Engineering)	MSRIT, Bangalore	Bangalore University	1989
4.	Diploma (Mechanical Engineering)	Government Polytechnic, Chintamani	DTE	1985

5.	PUC	KGF First Grade College, KGF	PU Board, Karnataka	1982
6.	S.S.C	St. Mary's High school, KGF	Board of Secondary Education	1980

Personal Data:

Date of Birth : 02/07/1964
Father Name & Occupation : Anantha Keshava Char
Marital Status : Married
Nationality : Indian
Religion : Hindu
Languages known : English, Hindi, Kannada, Telugu, Tamil
Permanent Address : # 75, 9th Cross, Muneshwara Nagar, Ullal Main Road,
Bangalore - 560056
Present Address : Principal, Gates Institute of Technology, Gooty,
Anantapur (Dist)

Dr. A. Ramesh, M.E., Ph.D.,

S.No	Title of the Paper	Name of Journal in which Published	Date of Publication
International Journals			
1	Mechanical properties of cast 6061, Aluminium/Albite particulate composites	LO 1399, lmech - 2000, Proc of INST, Mechanicalengineers	VOI -2 I 4' part -L In the year 2000
2	Oxidation behavior of 6061 Aluminium/Albite composites at high temperature	alloys and Compounds,	306(2000) 270-276 In the year 2000
3	Effect of heat treatment on mechanical properties of particulate reinforced AL6061 composites	Materials Engineering &Performance	Vol 9(2000) 1-5 In the year 2000
4	A study of the coefficients of thermal expansion AI alloy 6061-albite composites	Mechanical Engineering,	Vol 215 part L, 55-59
5	Comparison of Mechanical Properties of 6061 Aluminium / Albite, and Aluminium 6061 / Graphite Metal Matrix composites	Minerals and Material Characterisation and Engineering,	Vol 8, No.2 pp 93 – 106, 2009 In the year 2009
6	Mechanical and Tribological properties of as cast Al6061-Tungsten Carbide Metal Matrix Composites	International Journal of Material Science Research – India	Vol.7(2), 355-368 (2010)
7	Effect of Particulate Reinforcements on the Mechanical Properties of Al6061-WC and Al6061-Gr MMCs	published in International Journal of Minerals and Materials Characterization and Engineering	Vol. 10, No.12, pp.1141-1152, 2011

8	Studies on Properties of As-Cast Al6061-WC-Gr Hybrid MMC's	published in International Journal of Composite Materials (SAGE track)	Manuscript ID: JCM-11-0153 2011
9	Hardfacing of AISI 1020 Steel by Arc Welding Comparison with TIG Welding Processes	Journal of Scientific Research, Bangladesh	ISSN: 2070-0237 (Print); 2070-0245 (Online), 5 (1), Jan 2013, Pages 119-126.
10	Comparative Study of Hard facing of AISI 1020 Steel by Gas Welding and TIG Welding Processes	IOSR Journal of Engineering (IOSRJEN)	e-ISSN: 2250-3021, p-ISSN: 2278-8719, Vol. 2, Issue 9, Sept 2012, Pages 18-22
11	STUDIES ON MECHANICAL PROPERTIES OF AL6063-SIC COMPOSITES	International Journal of Advanced Engineering & Applications	ISSN: 0975-7783, Jan 2011, Pages 71-73
12	A REVIEW PAPER ON HARDFACING PROCESSES AND MATERIALS	International Journal of Engineering Science and Technology	ISSN: 0975-5462, Vol. 2(10), Nov 2010, 6507-6510.

13	EFFECT OF Al ₂ O ₃ PARTICULATE REINFORCEMENT IN Al6061 ALLOY	Material Science Research India (An International Research Journal of Material Sciences)	ISSN: 0973-3469, Vol. 06, No. 02, Dec 2009, Pages 453 - 458.
14	Performance of Coconut Shell Particulate Filled Polyester Composites	Pak. j. sci. ind. res. Ser	A: phys. sci. 2012 55(3)
15	Development and behavior of Mechanical Properties of Graphite / Granite filled Epoxy Hybrid Composites	International Journal of Fiber and Textile Research, Universal Research	Publications available online at http://www.urpjournals.com . ISSN 2277-

			7156.2013
16	A Study on Wear Characterisation of AL6061 based Hybrid Composites	International journal of Engineering Research and Technology	Vol. X(OX), 2013, ISSN 2278-0181
17	The Effect of Fiber Length on Tensile Properties of Polyester Resin Composites Reinforced by the Fibers of Sansevieria trifasciata	Published in International Letters of Natural Sciences	ISSN 2300-9675 – Vol3(2014) 7-13
18	Analysis of alloying elements and Mechanical properties of T6 treated Aluminium Silicon Alloys	International journal of Engineering Research and Technology	Vol. X(OX), 2013, ISSN 2278-0181
19	Hydrophilic Modified clay Nanocomposites: Effect of clay on Thermal and Vibrational Properties	International journal of Chemistry, Physics and Astronomy	Vol8 (2014) 73-86 ISSN 2299-3843

National Publications

1	EFFECT OF Al ₂ O ₃ PARTICULATE REINFORCEMENT IN Al6061 ALLOY	Material Science Research India (An International Research Journal of Material Sciences)	Vol.6(2), 453-458, 2009
2	Mechanical and Tribological properties of as-cast Al6061-Tungsten Carbide Metal Matrix Composites	International Research Journal of Material Science Research India	Vol.7(2),355-368(2010)

Membership of other Engineering Institutions / Societies

S.No	Name of the Institution	Grade of Membership	Date of Election	Whether still a Member
1	Tribology Society of India	Fellow Membership	2004	Yes

2	Indian Institute of Production & Management Engineering	Fellow Membership	2007	Yes
3	Indian Society for Technical Education	Life Membership	2007	Yes
4	International Institute of Management & Sciences	Life Membership	2009	Yes