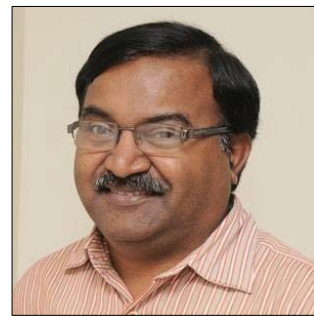


## BIO - DATA



1. Name and Designation : **Dr. Ravindra Kommineni**
2. Date of Birth : 25-11-1962
3. Designation : Professor & Head
4. Department : Mechanical Engineering
5. Name of Institution : R.V.R. & J.C. College of Engineering
6. Field of Specialization : Machine Design, CAD/CAM/CAE
7. Academic Qualifications (Graduation onwards):

Sl.No.	Degree	University/ Institution	Division/ Equivalent	Year of Passing	Specialization
1	B.E.	Andhra University	First Class Distinction	1985	Mechanical Engineering
2	M.E.	PSG College of Technology	First Class Distinction	1988	Machine Tool Engineering
3	PhD	Andhra University	--	2006	Evaluation of Form errors in Circular, Cylindrical and Spherical Features

8. Teaching Experience : **30 yrs**

S. No.	Universities/College	Designation	Period
1	RVR&JCCE/ Nagarjuna Uty	Director Academics, R&D	15-12-2022 onwards
2	RVR&JCCE/ Nagarjuna Uty	Principal	28-04-2021 to 30-11-2022
3	RVR&JCCE/ Nagarjuna Uty	HOD	05-01-2007 to 27-04-2021
4	RVR&JCCE/ Nagarjuna Uty	Dean Academics	August,2011
5	RVR&JCCE/ Nagarjuna Uty	Professor	05-01-2007 onwards
6	RVR&JCCE/ Nagarjuna Uty	Asst. Professor	01-08-93 to 04-01-2007
7	RVR&JCCE/ Nagarjuna Uty	Lecturer	16-08-88 to 31-07-93

- Industrial Experience : **9 months**

S.No.	Organization / Employer	Designation	Period
1	M/s Precision Components	Erection Engineer	04-09-85 to 30-06-86

9. Areas of Interest:
  1. CAD/CAM/CAE
  2. Manufacturing
  3. Composite Materials
  4. Robotics

4. Projects Received :

Title	Funding Agency	Type	Worth	Role	Status
"Fabrication and Characterization of Nano Al <sub>2</sub> O <sub>3</sub> reinforced Magnesium metal matrix Composites"	<b>UGC</b> FileNo: 42-878/2013(SR) dated 19-02-2014	MRP	Rs. 4,36,000/-	Principal Investigator.	Completed
Development and Characterization of High Strength Polymer Matrix Composites reinforcing with Metallic Glass Particulates	<b>AICTE</b> FileNo: 20/AICTE/RIFD/RPS(Policy III)98/2012-13	RPS	Rs 11,90,000/-	Principal Investigator	Completed
Design and Fabrication of 3D Printer	<b>Institution of Engineers</b> UG2015029		Rs 40000 /-	Principal Investigator	Completed

5. Impact of Publications :

ORCID ID : <https://orcid.org/0000-0003-3374-9096>

Google Scholar :

[https://scholar.google.co.in/citations?user=yo\\_zEEMAAAAJ&hl=en](https://scholar.google.co.in/citations?user=yo_zEEMAAAAJ&hl=en)

Research gate ID: [https://www.researchgate.net/profile/K\\_Ravindra3](https://www.researchgate.net/profile/K_Ravindra3)

Google scholar Citations as on 16.06.2019

Citations	H- index	i-10 Index
551	11	12

6. Publications

I

International Journals	National Journals	International Conferences	National Conferences	TOTAL Publications
30	3	12	9	51

IJ :

- Gollamudi, S., **Kommineni, R.**, Vadlamudi, T. C., & Katuru, B. P. (2023). Investigation of Regenerative Gas Turbine Performance under the Influence of Dynamic Atmospheric Conditions in India Using Energy and Exergy Analysis. International Journal of Heat & Technology, 41(2).**SCI**
- Vadlamudi, Tara Chand, Ravindra Kommineni, and Bala Prasad Katuru. "Exploration of turbine blade cooling strategies for performance boosting and CO<sub>2</sub> emissions reduction of combined cycle with steam injection based gas turbine." International Journal of Ambient Energy 43, no. 1 (2022): 2239-2250. **SCI**
- R. Sreenivasulu, Ch. Srinivasa Rao and K. Ravindra, "Effect of thrust and torque exerted

- during drilling to optimize exit burr height and thickness by choosing variable drill bit geometry: A simplified theoretical model approach”, International Journal of Data and Network Science 4 (2020) 43–56. **Scopus**
4. Valli, G. Sri, Ravindra Kommineni, and B. Sreedhara Rao. "A literature review on corrugated plate heat exchanger." *Materials Today: Proceedings* 18 (2019): 320-326.
  5. V Tara Chand, **K Ravindra**, K Bala Prasad “*Exergy assessment of air film blade cooled combined power cycle plant*”, International Journal of Ambient Energy, 1-13 , 2018. **Scopus**
  6. Tara Chand Vadlamudi; **Ravindra Kommineni**; Bala Prasad Katuru; Niranjana Kumar I. N., “Influence of Different Steam Cooling Techniques for High Pressure Turbine Blades on the Performance of Gas Turbine”, Iranian Journal of Energy and Environment (IJEE) , Volume 9, Issue 3, Autumn 2018, Page 168-175
  7. B.subba rao, K. Vijayabhaskar, **K. Ravindra** , z. Rameshbabu , “*Mechanical And Wear Behaviour Of Aluminium Metal Matrix Composites Reinforced With Dissipate Material-A Review*”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) , ISSN (P): 2249-6890; ISSN (E): 2249-8001 , Vol. 8, Issue 1, Feb 2018, 1065-1078 ; **Scopus Indexed**
  8. Vijaya Bhaskar Kurapati , **Ravindra Kommineni** , Srinivasan Sundarrajan , “*Statistical Analysis and Mathematical Modeling of Dry Sliding Wear Parameters of 2024 Aluminium Hybrid Composites Reinforced with Fly Ash and SiC Particles*”, Trans Indian Inst Met , <https://doi.org/10.1007/s12666-018-1322-z> **SCI-expanded**
  9. M. Mounika , **Dr. K. Ravindra** . “*Characterization Of Banana Fiber/Pistacia Vera Shell Cellulose Reinforced Composites*”, International Journal of Mechanical Engineering and Technology (IJMET) Volume 8, Issue 2, February 2017, pp. 123–130 , **SCOPUS Indexed**
  10. Mounika Movva & **Ravindra Kommineni** (2017), “ *Effect of Green Gram Husk Nanocellulose on Banana Fiber Composite* ”, Journal of Natural Fibers, DOI: 10.1080/15440478.2017.1414658 ; **SCI Indexed**
  11. Mounika Movva and **Ravindra Kommineni** , “*Extraction of cellulose from pistachio shell and physical and mechanical characterisation of cellulose-based nanocomposites*” , Mater. Res. Express 4 (2017) 045014 **SCI and Scopus Indexed**
  12. Vijaya Bhaskar Kurapati and **Ravindra Kommineni** , “*Effect of wear parameters on dry sliding behavior of Fly Ash/SiC particles reinforced AA 2024 hybrid composites*”, Mater. Res. Express 4 (2017) 096512 ; **SCI-expanded**
  13. C. Tara Sasanka , **K. Ravindra**,” *Application of taguchi techniques to study dry sliding wear behavior of magnesium matrix composites reinforced with alumina Nano particles*” Journal of Engineering Science and Technology Vol. 12, No. 11 (2017) 2855 - 2865 © School of Engineering, Taylor’s University [**Scopus INDEXED JOURNAL**]
  14. C. Tara Sasanka , **K. Ravindra**.” *Analysis and Characterization of Tensile Property of Mg MMC using ANSYS*”, Trends in Mechanical Engineering & Technology ISSN: 2231-1793 (Online), ISSN: 2347-9965 (Print) Volume 7, Issue 1, pp: 1- 5
  15. Sameer Kumar D., K.N.S. Suman , C. Tara Sasanka , **K. Ravindra** , P. Poddar , S.B. Venkata Siva , “*Microstructure, mechanical response and fractography of AZ91E/Al2O3 (p) nano composite fabricated by semi solid stir casting method*”, Journal of Magnesium and Alloys [ELSEVIER] (2016), doi: 10.1016/j.jma.2016.11.006. **Scopus Indexed**
  16. **Dr.K.Ravindra**, Dr.N.Govind on ‘*Evaluation of optimum pattern of blow holes to enhance damping in casting structures*’ in international journal of engineering technology, Management and applied sciences.VOL3 ISSN 2349-4476, APRIL 2016.
  17. K. Bala Prasad, V. Tara Chand, I. N. Niranjana Kumar, **K. Ravindra** and V. Naga

- Bhushana Rao , Thermodynamic Analysis of Air Cooled Gas Turbine used in Marine Applications , International Journal of Thermal Technologies (IJTT), Vol.6,No.1 (March-2016)
18. A research paper on '*Thermodynamic Analysis of Air Cooled Gas Turbine used in Marine Applications*', authored by K. Balaprasad, V. Tara Chand, I. N. Niranjan Kumar, **K. Ravindra** and V. Naga Bhushana Rao was published in the International Journal of Thermal Technologies, Vol.6, Issue No., pp 32-39, March 2016.
  19. Dr. N. Govind , Anil Kumar G, **Ravindra K** , V. Anand Kumar '*Development of Software Using Matlab for Design Optimization of Brake for Minibike*', published in IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)- Nov. - Dec. 2015. ISSN: 2278-1684, p-ISSN: 2320-334X, Volume 12, Issue 6 during, pp 24- 29.
  20. Mr. C. Tara Sasanka. and **K. Ravindra**, published a paper on '*Implementation of VIKOR Method for Selection of Magnesium Alloy to Suit Automotive Applications*' in the International Journal of Advanced Science and Technology, Vol.83 (2015), ISSN: 2005-4238 pp.49-58.
  21. Perla Sreenivasa Rao & **Dr. K. Ravindra**, "*Evaluation of Parametric Control for Machining with WEDM and Machinability Index*", Global Journal of Research in Mechanical and Mechanics Engineering, volume: 15, Issue: 1 Version 1.0, year 2015, pp 17-21.
  22. D. Sameer Kumar, C. Tara sasanka, **K. Ravindra**, K.N.S. Suman, "*Magnesium and Its Alloys in Automotive Applications – A Review*", American Journal of Material Science and Technology, Columbia International Publishing, 2015, Vol. 4 No. 1, pp 12-30.
  23. S. Sivanaga Malleswara Rao, Dr. Ch. V. S. Parameswara Rao, **Dr. Ravindra Kommineni**, "*Analysis and optimization of the Controlling Factors for Machining of Die Steel (HC-HCr) with WEDM Process*", International Journal of Emerging Technology and Advanced Engineering, Vol. 5, Issue 2, pp 227-232, 2015.
  24. Dr. Govind. Nandipati, **Dr. Ravindra Kommineni**, and Dr. Nageswara Rao Damera "*Study on processing and Mechanical Properties of nano SiC<sub>p</sub> reinforced AA7075*" The International Journal of Engineering and Science (IJES) – ISSN(e): 2319- 1805 – ISSN(p): 2319-1805, Volume 3, Issue 12, Dec- 2014, pp-29-34.
  25. V.L. Srinivas, M. Zammerudhin, M. Ravi Kumar, B. Ravi Sankar , and **K. Ravindra**, "*Parametric Analysis of Friction Stir Welding on AA6061 Aluminum Alloy*", International Journal of Mechanical Engineering and Research, Vol. 3 No.5, P.P. 557-563, September 2013.
  26. V. Suresh Babu, C. Tara Sasanka & K. Ravindra, "*Failure and Stress Analysis of GFR Laminated Composite Pinned Joints*", published in International Journal of Mechanical and Production Engineering (IJMPE) ISSN No.: 2315-4489, Vol-2, Iss- 1, 2013.
  27. Dr. Govind. N, Dr. Ravindra. K, Dr. Nageswara Rao Damera and Dr. Ramanaih. N "*Fabrication and Study of the Mechanical Properties of AA2024 Alloy Reinforced with B4C Nano-particles using Ultrasonic cavitation method*" IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278- 1684, p-ISSN: 2320-334X, Volume 7, Issue 1, June 2013, pp-01-04'
  28. C. Tara Sasanka , V. Rama Koteswara Rao, K. Ravindra, Ch. Tirumala rao "*Prediction of transient response of isotropic and laminated cylindrical shells using ANN* ", International Journal of Technological synthesis and Analysis, Vol 1 Issue 1 December 2012. Pp:1-6. ISSN: 2320-2386.
  29. 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
  30. Govindu. N, Ravindra. K , Ramanaih. N and Nageswara Rao Damera "*Fabrication of Aluminum AA6061 Metal Matrix Nano Composites*", International Journal of Emerging Technologies in Science and Engineering, Vol.3, No.2, Jan 2011, pp 36- 41. ISSN : 1923-9181

## NJ:

1. D.Sameer Kumar, B.Ramgopal Reddy , Dr. V.Chittaranjan Das , **Dr. K.Ravindra** , “*Influence of process parameters on AWJC of INCONEL 690 using GA*”, ANU Journal of Engineering & Technology, Vol. 2 Issue 1 June2010 pp 81-85. ISSN No: 0976-3414.
2. D.Sameer Kumar, M. Siva Nayak , Dr. D.V.V. Krishna Prasad , **Dr. K.Ravindra** , “*optimization of cutting parameters in turning using ACO*”, ANU Journal of Engineering & Technology, Vol. 2 Issue 2 December 2010 pp 08-13. ISSN No: 0976-3414.
3. Ch. Tirumala Rao , C.Tara Sasanka , **K. Ravindra** , J. Suresh Kumar, “*Vibration Analysis of functionally graded materials using Higher order theories*” , ANU Journal of Engineering & Technology, Vol. 3 Issue 1 & 2 June-December 2012 pp 147-162. ISSN No: 0976-3414.

## IC :

1. Mounika M., Govind N. and **Ravindra K** , “*Characterization of Green Gram Husk Cellulose based Polyester Nanocomposite*” Proceedings of 6th International & 27th All India Manufacturing Technology Design and Research (AIMTDR-2016) Conference organized by College of Engineering , Pune ,Maharashtra during 16-18 December, 2016. Pp:1001-1006 ; ISBN: 978-93-86256-27-0.
2. C. Tara Sasanka , **K. Ravindra**, D. Sameer Kumar, K.N.S. Suman and Palash Poddar, “*Microstructure and Hardness Evaluation of AZ91–Al<sub>2</sub>O<sub>3</sub> Nano- Composites Fabricated by Semi Solid Stir Casting*”, Proceedings of 6th International & 27th All India Manufacturing Technology Design and Research (AIMTDR-2016) Conference organized by College of Engineering , Pune ,Maharashtra during 16-18 December, 2016. Pp:949-952 ; ISBN: 978-93-86256-27-0.
3. M. Mounika and **K. Ravindra**, “*Charecterization of Nanocomposites Reinforced with Cellulose Whiskers – A Review* ”, 4<sup>th</sup> International Conference on Materials Processing & Characterization”, organized by GRIET, Hyderabad during 14-15 March, 2015. Materials Today: Proceedings 2 ( 2015 ) 3610 – 3618.
4. K.Vijaya Bhaskar , K.Ravindra et al., “*Microstructure and Mechanical properties of Flyash/SiC Particles Reinforced AA 2024 Hybrid Composites*”, ICAAMM-2016 , Materials Today: Proceedings 4 (2017) 7413–7419.
5. V.Suresh Babu , C.Tara Sasanka , **K.Ravindra**, “*Failure and stress analysis of GFR Laminated Composite pinned joints*”, published in the proceedings of International Conference on Mechanical and Industrial Engineering(ICMIE), pune during 15<sup>th</sup> July, 2012. Pp:149-155. ISBN: 978-93-81693-74-2.
6. 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 22<sup>nd</sup> - 24<sup>th</sup> 2008 . **International Conference**
7. D. Sameer Kumar , **K. Ravindra**, K.K.K. Sanyasi Raju & D. Nageswara Rao, “*Ant Colony Optimization based Algorithms for Engineering Design*” published in the proceedings of **CAE-07 [International Conference on COMPUTER AIDED ENGINEERING]**, organized by I.I.T., Madras, December 2007; pp:736-743.
8. **K. Ravindra**, V. Chittaranjan Das, P. Madar Valli & D. Nageswara Rao “*Evaluation of Form errors in Cylindrical features using Co-ordinate Measurement Data*” published in the proceedings of **ISMQC-07 [ 9<sup>th</sup> INTERNATIONAL SYMPOSIUM ON MEASUREMENT AND QUALITY CONTROL ]**, organized by I.I.T., Madras, December 2007; pp: 161-165
9. C. Tara Sasanka , **K. Ravindra**, K.K.K. Sanyasi Raju & D. Nageswara Rao, “*Transient*

*Response of Isotropic and Laminated Tapered Beams Using Artificial Neural Networks* – published in the proceedings of **INCCOM-6 [International Conference on FUTURE TRENDS IN COMPOSITE MATERIALS AND PROCESSING]**, organized by I.I.T., Kanpur, December 2007; pp : 894 – 901.

10. C. Tara Sasanka , **K. Ravindra**, K.K.K. Sanyasi Raju & D. Nageswara Rao, “*Transient Response of Composite Plates Using Artificial Neural Networks*” – published in the proceedings of **ICAME-2007 [ International Conference on advances in Mechanical Engineering ]**, organized by M.I.T., Manipal, December 2007.
11. V. Chittaranjan Das, K. Sridhar, **K. Ravindra**, & D. Nageswara Rao “*Investigations into the Electric Discharge Machining of Tool Steel using different electrode materials*” – published in the proceedings of **International Conference on Intelligent Systems & Control ISCO-2006**, organized by Kumarguru Institute of Technology, Coimbatore, Aug 2006, pp : 452-457.
12. **Ravindra.K**, Narayana Rao K.N.V.S., Madar Valli. P, & Nageswara Rao .D “*An Approach to Evaluate Circularity using Co-ordinate Measurement data*”, presented and published in proceedings of **International Conference GCOMM** organized by Vellore Institute of Technology, Vellore, India and QIT, Brisbane, Australia in December, 2004, pp:589-594.

#### NC:

1. P. Sreenivasa Rao , Dr Ch.V.S.PameswaraRao , **Dr K. Ravindra** , Professor & HOD “*Experimental Studies On Wire Selection For Machining With Wedm*” , ” in the proceedings of National Conference on Innovations in Engineering & Technology (NCIET) held at Gudlavalleru Engineering College, Gudlavalleru, during 27- 28 December 2013. Pg: 196-198, ISBN: 978-1-4276-5484-7.
2. V.Suresh Babu , C.Tara Sasanka , **K.Ravindra** , “*Analysis of composite cylinder using ANSYS*” Paper : ME-MEXA1214 , proceedings of AICON’12 , All India conference , organized by Chatrapathi Institute of Technology , Durg , Chattisgharh during 20-21 Jan 2012.
3. 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
4. C.Tarasasanka , **K.Ravindra** , Ch. Tirumalarao , “*Transient response of cylindrical shells using Artificial Neural Networks*”, 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. 423-428
5. D.Sameer Kumar , Dr. V.C. Das , **Dr. K.Ravindra** , “*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.
6. Chittaranjan Das.V, **Ravindra . K**, & Nageswara Rao. D “*Theoretical Analysis of EDM Process and its Comparison with Experiments*” – published in the proceedings of **23<sup>rd</sup> National Convention of Mechanical Engineers**, organized by Institute of Engineers, Hyderabad, September 2007, pp : 1.55 – 1.59.
7. **K. Ravindra**, V. Chittaranjan Das & D. Nageswara Rao , “*A New Approach to Evaluate Sphericity using Co-ordinate Measurement Data*”, **National Conference** organized by Department of Mechanical Engineering, College of Engineering, S.V. University, Tirupathi, A.P. In August 2004, pp: A-57-59.
8. V. Chittaranjan Das, **K. Ravindra**, D. Nageswara Rao “*Hiatuses identified in Electro Discharge Machining*”, **National Conference** organized by Department of Mechanical Engineering, College of Engineering, S.V. University, Tirupathi, A.P. In August 2004, pp:A-91-93.
9. B. Madhavi, **K. Ravindra**, B. Surendra babu, Dr. P. Madar valli & D. Nageswara Rao *Optimization of Machining Time in Process Planning of turning Components using Genetic Algorithms* – presented and published in proceedings of **NAME-2004**, organized by Jawaharlal Nehru College of Engineering, Shimoga, Karnataka.

13. Membership/Fellowship of Academic bodies and Professional Societies:

- a. **Member of Board of Studies of GITAM University for Industrial & Production Engineering Course**
- b. **Member of Board of Studies of Acharya Nagarjuna University for Mechanical Engineering Course**
- c. **Fellow of Institute of Engineers, Calcutta [ No: F- 110099/4 ]**
- d. **International Association of Engineers , IAENG , Member No: 126133**

14. Membership in Scientific and Professional Societies

- o **Life Member, Indian Society for Technical Education (ISTE) – LM27184**
- o **Fellow of Institute of Engineers**
- o **International Association of Engineers (IAENG)-126133**
- o **American Society of Mechanical Engineers**
- o **Society of Automotive Engineers**

15. No of PhD's. guided

:: 7

S.NO	Name of the Ph.D., Scholar and details of employment	Year of Registration	Name of the University where the student has registered for Ph.D.	Title of the Thesis	Year of award of Ph.D.
1.	S. Malleswara Rao	2010	Sri Venkateswara University, Gajraula, U.P	Experimental Evaluation of Machining Parameters for Cutting Tool Materials in WEDM	SEP 2014
2.	P.Srinivasa Rao	2010	Sri Venkateswara University, Gajraula, U.P	Parametric Control in Wire EDM for aviation materials & Development of Machineability Index	JUN 2016
3.	C.Tara sasanka	2010	Acharya Nagarjuna University	Processing of Evaluation of Mechanical and Wear Characteristics of Mg Alloy housed MMC	NOV 2017
4.	M.Mounika	2014	Acharya Nagarjuna University	Extraction of Nano Cellulose From Pistachio Shells/Green Gram Husk and Effect of its addition on mechanical behavior of hybrid banana composites	DEC 2018

5.	K.Vijaya bhaskar	2014	Acharya Nagarjuna University	Fabrication, Characterization and Wear Studies of AI 2024/FA/Sic Rain forced Composites	MAR 2019
6.	V.Tara Chand	2014	Acharya Nagarjuna University	Exploration of Different Blade Cooling Strategies in the perspective of combined cycle power augmentation	AUG 2020
7.	Tirumala Rao Chinka	2011	Acharya Nagarjuna University	Fabrication, Characterization, Wear and Corrosion Studies on AZ91D-COCKLE Shell Ash Powder Reinforced Metal Matrix Composites using Stir-Casting	DEC 2021

**16.No of PhD's. guiding** :: 5

**17.No of M. Tech's. guided:** :: 14

**18.List of Conferences, Short-term Courses etc. participated:**

- a. Participated in AICTE approved faculty development program (FDP201X) on "PEDAGOGY FOR ONLINE AND BLENDED TEACHING LEARNING PROCESS "conducted by Indian Institute Of Technology, Bombay from September 14, 2017 to September 12, 2017.
- b. Participated in AICTE approved faculty development program (FDP101X) on "FOUNDATION PROGRAM IN ICT FOR EDUCATION" conducted by Indian Institute Of Technology, Bombay from August 3 ,2017 to September 7, 2017.
- c. Attended 6th International & 27th All India Manufacturing Technology Design and Research (AIMTDR-2016) Conference organized by College of Engineering, Pune ,Maharashtra during 16-18 December, 2016.
- d. Attended “ Alumni Relations Conference - India” , at Indian School of Business, Hyderabad, Vijayawada, on 1<sup>st</sup> November, 2014..
- e. Attended “ Conference on Advanced Manufacturing Technologies for Engineering Sector”, organized by Confederation of Indian Industry(CII), TDPC and MSME, New Delhi, ” , at Hotel ITC Grand Chola, Chennai on 26<sup>th</sup> June, 2015.
- f. Attended “ work shop for resource persons on outcome based Accreditation – Phase I” , at VR Siddhartha Engineering College , Vijayawada, on Sept 13<sup>th</sup> 2013.
- g. Attended “work shop for resource persons on outcome based Accreditation – Phase II” , at VR Siddhartha Engineering College , Vijayawada, during 26-28



September 2013.

- h. Participated in a Two Day National Workshop on “Recent Advances in Welding Metals(RAWM-2013)” , organized by the department of Mechanical Engineering held at Andhra University on 29<sup>th</sup> – 30<sup>th</sup> April 2013.
- i. Participated in “National Conference on latest Innovations In Mechanical Engineering (LIME)” , organized by the department of Mechanical Engineering held at Andhra University on 28<sup>th</sup> April 2013.
- j. Attended a Indo US Collaboration for Engineering Education IUCEE 2009 FLI Course on *Innovate, Create, Manufacture and Manage Digitally* at INFOSYS, Mysore during 6<sup>th</sup> to 10<sup>th</sup> July, 2009.
- k. Attended a Workshop on “ *Intelligent Manufacturing*” during 16-17 March, 2009 conducted by the Department of Mechanical Engineering, A.U. College of Engineering, Visakhapatnam
- l. Attended a Workshop on “ *Tool Design and its Application*” during 20-21 March, 2009 conducted by the Department of Mechanical Engineering, A.U. College of Engineering, Visakhapatnam
- m. Attended & Presented a Paper titled “*Transient Response of Composite Plates Using Artificial Neural Networks*” – published in the proceedings of ICAME-2007 [International Conference on advances in Mechanical Engineering], organized by M.I.T., Manipal, December 2007.
- n. Attended & Presented a Paper titled “*Theoretical Analysis of EDM Process and its Comparison with Experiments*” – published in the proceedings of 23<sup>rd</sup> National Convention of Mechanical Engineers, organized by Institute of Engineers, Hyderabad, September 2007
- o. Attended & Presented a Paper titled “*An Approach to Evaluate Circularity using Co-ordinate Measurement data*” in International Conference GCMM organized by Vellore Institute of Technology, Vellore, India and QIT, Brisbane, Australia in December, 2004.
- p. Attended & Presented a paper titled “*A New Approach to Evaluate Sphericity using Co-ordinate Measurement Data*”, All India National Conference organized by Department of Mechanical Engineering, College of Engineering, S.V. University, Tirupathi, A.P. In August 2004,
- q. Attended AICTE & ISTE sponsored Two week STTP project on “Fuzzy Techniques and Neural Networks “ 21-28<sup>st</sup> November 2003 at at College of engineering, GITAMS, Visakhapatnam.
- r. Member of the Organizing Committee for the Training Program on 'Induction Training for Teachers' in 10-11, January 2002, RVR & JC College of Engineering, Guntur and presented an Expert Lecture
- s. Attended Two day Seminar on “Recent Trends in Computer Applications', December 28-29, 2001, RVR & JC College of Engineering, Guntur.
- t. Attended Short Term Course on “Finite Element Method and its Applications in Various Branches of Engineering” 05-06 Oct. 2001, Organized by Civil Engg. Dept. & ISTE Chapter of RVR & JC College of Engineering, Guntur.
- u. Attended AICTE & ISTE sponsored Two week STTP project on “Concepts and

practice of Computer Aided Design & Manufacture“ 20-31<sup>st</sup> August 2001 at Bapuji Institute of Engineering & Technology”, Devanagari.

- v. Attended Orientation Program on ISO 9000:2000 9<sup>th</sup>&10<sup>th</sup>, August 2001, RVR & JC College of Engineering, Guntur.
- w. Attended Two day Seminar on 'Productivity Challenges for 21<sup>st</sup> Century', August 27-28, 1998, RVR & JC College of Engineering, Guntur.
- x. Attended One day Seminar on “Service Quality Management” on 12 September 1997 organized by department of Management Sciences and Department of Industrial & Production Engineering, RVR & JC College of Engineering, Guntur.
- y. Attended a Short Term Course on “Manufacturing Strategy” from 17-24 May 1996 organized by department of Industrial and Management Engineering, IIT, Kanpur.
- z. Attended a 4 week Refreshers Course in mechanical Engineering in July 1993 organized by JNTU, Hyderabad

#### **19. Events organized:**

- a. Organized NITTR Sponsored Short Term Course on “Optimization using MATLAB through ICT” conducted by during 17/7/2017 to 21/7/2017.
- b. Grant received from AICTE, FileNo:7-19/RIFD/SG/Policy-1/2013-14 dated 12-02-2014 to organize National seminar on" Advances in biomaterials for Medical applications" held on 14-15 th March, 2014.
- c. Organized National Conference on “*Recent Advances in Mechanical Engineering*” NCRAME-2011 on 8 - 9 July 2011
- d. Organized AICTE sponsored National Level seminar on “Metal Matrix Composites” on 29-30 September 2008
- e. Organized AICTE sponsored National Level seminar on “Micromachining” on 19-20 December 2008
- f. Organized National Level Technical Student Meet “MechMantra-05” on 21-22 January 2005
- g. Organized National Level Technical Student Meet “MechMantra-06” on 22-23 December 2006
- h. Organized National Level Technical Student Meet “MechMantra-08” on 15-16 February 2008
- i. Organized National Level Technical Student Meet “MechMantra-10” on 5-6 March 2010
- j. Organized National Level Technical Student Meet “MechMantra-11” on 30th November and 1st December 2011
- k. Organized National Level Technical Student Meet “MechMantra-13” on 5-6 March 2010

- I. Organized National Level Technical Student Meet “MechMantra-2k15” on 21st March 2015

## 20. Lectures Presented:

- a. Presented a Lecture on “ Effective Teaching Methods” in ISTE sponsored “Induction Training for Teachers” organized by RVR & JC College of Engineering in 2002
- b. Presented a Lecture on “ Effective Teaching Methods” in ISTE sponsored “Induction Training for Teachers” organized by RVR & JC College of Engineering in 2006
- c. Presented a Lecture on “ Rapid prototyping for Composites” in AICTE sponsored National Seminar on “Metal Matrix Composites” organized by Department of Mechanical Engineering, RVR & JC College of Engineering in 29-30 September, 2010
- d. Presented a Lecture on “Magnesium Matrix composites in automotive applications” in UGC sponsored National Seminar on “Advances in Metal Matrix nano Composites” organized by Department of Mechanical Engineering , ANUCET, Guntur during 11-12 December 2015..
- e. Presented a Lecture in International Conference on Advances in Materials and Manufacturing Engineering-ICAMME- 2018, organized by Department of Mechanical Engineering , ANUCET, Guntur during January 22nd-24th 2018.
- f. Presented a Lecture on “Magnesium Matrix Composites in Automotive Applications - A case Study” during one week Faculty Development Programme on “RECENT ADVANCES IN METAL MATRIX COMPOSITES & HIGH ENTROPY ALLOYS (RAMMC & HEA-2019) on Jan 25 , 2019 at ANU College of Engineering & Technology, Nagarjuna Nagar, Guntur.

## 21. Achievements:

1. Acted as Chief Superintend for one of the RVRJCCE centers and conducted JEE in 2014 & 2015.
2. Acted as Chief Superintend for one of the RVRJCCE centers and conducted EAMCET in 2006, 2007, 2008, 2010, 2011, 2013 & 2013.
3. Acted as Steering Committee Coordinator to the **NAAC Committee visit** in August, 2014. The Institution has been accredited with **A grade for 5years** by getting 3.19 on 4.0 scale.
4. Lead the Mechanical Engineering department and presented profile of the department to the **NBA Committee** in June 2007, 2012 and in 2017. The Department has been accredited for **3 years** and **2 years**.
5. Lead the Mechanical Engineering Department and presented profile of the department to the **APSCHE** Committee visited on 4<sup>th</sup> - 6<sup>th</sup>, March, 2003.

[Dr. K. RAVINDRA]