CURRICULUMVITAE

Dr. KONDALARAO DASARI
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ContactNo:9885637031

Name:KONDALARAODASARI
Door no: 2-90, Nandipadu village,
Maddipadu Mandal,
Prakasam district.523211

Discipline: Mechanical Engineering

Educational Qualifications:

Qualification	Institution	Year of passing	Division/Grade
Ph.D.	Acharya Nagarjuna University Guntur	2022	**NA**
M.Tech (CAD/CAM)	JNT University College of Engineering, Kakinada	2010	First Class With Distinction
B.Tech	R.V.R&J.C college of ENGG. Guntur	2007	First Class
Intermediate	Sri Adarsha junior college,Ongole	2003	First Class With Distinction
Board of secondary Education	APRS Ganapavaram	2001	First Class With Distinction

Professional Experience:

Address of the Institution	Post Held	Duration	Nature of Experience
R.V.R & J.C college of Engineering, Guntur, Andhra Pradesh	Associate Professor	Since July 2023	i) Taught courses to the students of B.Tech. (Mech.Engg). programs (ii) Administrative works
R.V.R & J.C college of Engineering, Guntur, Andhra Pradesh	Assistant Professor	June20213-june2023	i) Taught courses to the students of B.Tech. (Mech.Engg). programs (ii) Administrative works
R.S.R Engineering College Kavali, Nellore, Andhra Pradesh	Assistant Professor	3 years (2010-13)	Taught courses to the students of B.Tech.

Details of Research Publications:

International Journals	09
National Conferences	04

Summary of the Teaching in the College:

SubjectsTaught/Teachingat present:

1. Strength of Materials
2. Fluid Mechanics
3. Hydraulics and Hydraulic Machines
4. Pumps and Prime Movers
5. Engineering Drawing
6. Engineering Mechanics
7. Finite element methods
8. Advanced Machine Design
9. Economics for Engineers
10. Fluidics and control systems
11. Industrial management and entrepreneurship
12. Digital logistics and Warehouse management

Labs handled:

1. Strength of Materials Lab
2. FM & HM Lab
3. Workshop practice
4. CAD Lab
5. Analysis Lab
6. Machine shop

Projects Guided

B. Tech Projects :10

M. Tech Projects:1

Other Duties

Program Officer NSS UNIT-III

M. Tech Dissertation Work:

Vibration response of composite beam and plate with delamination by using Finite element method. in JNTU Kakinada during the year 2007-2010.

Ph.D. Dissertation Work:

Research work was done on “Dominant features identification of tool wear monitoring in hard turning by using acoustic emission and vibration techniques” and the degree was awarded on 30 July, 2022 at ANU, Guntur.

Vidwan :https://vidwan.inflibnet.ac.in/profile/183729

Googlescholarlink:https://scholar.google.com/citations?user=k6cih8sAAAAJ&hl=en

ORCIDID :https://orcid.org/0000-0002-0423-3077

Scopus: https://www.scopus.com/authid/detail.uri?authorId=57210993607

Research gate ID :https://www.researchgate.net/profile/Kondala-Dasari-2

Publon:https://publons.com/researcher/4070306/kondala-rao-dasari/

List of Publications

1. **D. Kondala Rao**, Kolla Srinivas,Ch. Deva Raj "Tool conditioning monitoring in Hard Turning by using Acoustic Emission A Review" International journal of science, engineering and technology, Vol.3 Issue.1 2348-4098(2015)

2. **D. Kondala Rao**, Srinivas Kolla, C. Tara Sasanka, D. Sameer Kumar, " Study of Combined Effect of Inclination and Partial Fins on Melting of Phase Change Material in A Rectangular Enclosure Using CFD" , Journal of Modelling and Simulation of Materials(JMSM),Vol.1,Issue1,pp.30-38,201DOI: https://doi.org/10.21467/jmsm.1.1.30-38

3. **D.Kondala Rao**, Kolla Srinivas, 2017., "An analysis of feature identification for tool wear monitoring by using acoustic emission", Traitement du signal, Vol.3, No.4, pp. 117-135. DOI:10.3166/TS.34.117- 135 © 2017 Lavoisier. (SCIE, Web of science & Scopus Indexed)

4. **D. Kondala Rao**, Kolla Srinivas,Ch. Deva Raj, 2019, " Cermic Tool ondition Monitoring in Machining of Inconel 718", International Journal of Scientific Research in Network Security and Communication, Vol.7, No.1, pp.1-9.

5. **D. Kondala Rao**, Kolla Srinivas, 2019, " Tool Condition Monitoring in Hard Turning of Inconel 718 by using Vibration Technique", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.8, No.11, pp.1143-1147. (Scopus Indexed)

6. **D. Kondala Rao**, Kolla Srinivas,Ch. Deva Raj, 2019, " Comparision of dominant features identification for tool wear in Hard turning of Inconel 718 by using Vibration analysis", Journal of Mechanical Engineering – Strojníckyčasopis, (Scopus Indexed)

7. **D. Kondala Rao**, Kolla Srinivas, Md. Hasheer SK, and K. Hari Prasad "Mathematical modelling of dominant features identification for tool wear monitoring in hard turning by using Acoustic emission" Turkish Journal of Computer and Mathematics Education, Vol.12 No.2 (2021), 935-943, 5 April 2021. (Scopus Indexed)

8. Jaya Sai Abhaya Veeranjaneya Vara Prasad Alapati3 Naga Venkata Sairam Yellapragada1* , Sameer Kumar Devarakonda2 , **Kondala Rao Dasari1** , Naga Sai Rama Krishna Thati1 "Effectiveness of Shannon Entropy Weight on Wear Behaviour of Polyster/Carbon Fibre Composites Using GRA" Annales de Chimie - Science des

Matériaux,International information and Engineering Technology Association,vol.46 No.1(2022), February 2022**. (WOS)**

9. Yellapragada, Naga Venkata Sai Ram, Venkata Sai Kumar Madala, Sameer Kumar Devarakonda, Raqheeb Sadiq Mahaboob Ali Shaik, Nageswara Rao Annamdasu, **Kondala Rao Dasari**, and Hasheer Shaik Mohammad. "Application of Taguchi–PCA/GRA Method to Optimize the Wear Behaviour of Polyester/Carbon Fibre Composites." Journal of Composite & Advanced Materials/Revue des Composites et des Matériaux Avancés 33, no. 2 (2023). **(WOS)**

Patents Published:

1. Dr. N. Govind, Dr. K. Praveen Kumar, Dr. Radhika Sajja, D. Swapna, K. Lakshmi Chaitanya, M.Vijaya, Mohammad Hasheer Shaik, **Kondala Rao Dasari**, Kurra Hari Prasad, T.N.S Rama Krishna, Dr. A. Muddu published a patent Titled "Intelligent Manufacturing Process: Computer Intelligent Manufacturing Process And Testing System". (Aid Physical Three-Dimensional Object) on 04 December,2020.
2. Dr.K.Praveen Kumar, Smt.K.Snehita, Dr.Sk.Mabunni, **Sri D.KondalaRao**, Sri T.N.S.Rama Krishna published a patent Titled "A Mechanical Vehicle Tyre Cutting Machine Agricultural Robot" on 22 December 2021.

PROJECTS:

Projects having Collaboration with Industry (Industrial Research Project (IRP)) – 1
Received a grant of worth Rs. 2,00,000/- for the industrial project entitled "**Optimization of Selective Laser Melting(SLM) Process Parameters using Taguchi and Super Ranking Concepts to Produce Ti-6AI-4V Alloy Samples**" from Design Tribe (India) PVt. Ltd.,as Co - Investigator during period 2020-2023.

PROFESSIONAL MEMBERSHIPS: 2

1. Life member - IAENG – 170111
2. AICTSD/PROFESSOR/72682

Workshops/seminars/Conferences/Courses Attended:

1. Dr. Kondala Rao Dasari, Associate Professor, of Mechanical engineering department, RVR&JCCE has participated in one week FDP on "The new product development process" organized by Andhra Pradesh state skill development corporation (APSSDC) in association with Dassault systems from 13 -18 November 2023.

2. Dr. D.Kondala Rao, "Investigation into the Combined Influence of Inclination and Partial Fins on Phase Change Material Melting in a Rectangular Enclosure utilizing Computational Fluid Dynamics (CFD)" International Conference on Emerging trends in Mechanical Engineering and industrial automation,(ICETMEIA) 2K23, at NEC,Narasaraopet,india

3. Acted as judge for a national level tech fest student paper contest JUBILATION 2K22, conducted by Department of Mechanical Engineering, Narasaraopet Engineering College, Narasaraopet. Conducted on 04th March 2023.

4. Dr. Kondala Rao Dasari participating in SEBI(Securities and Exchange Board of India) & NISM (National Institute of Securities Markets) sponsored Investor Awareness Program - Financial Literacy for You (FLY) (Equivalent to one week Faculty Development

Programme)from 7th October 2021 to 7th July, 2022 Organized by Department of Mechanical Engineering, R.V.R. & J.C. College of Engineering (Autonomous), Guntur, A.P.

5. Dr. Kondala Rao Dasari, Assistant Professor, of Mechanical engineering department, RVR&JCCE has participated in one week FDP on "HYBRID ELECTRIC VEHICLES" Jointly organized by the Departments of Mechanical Engineering of GMR Institute of Technology, Rajam and Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada during 21st -25th November 2022.
6. participated in the One Week Online FDP on "Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)" organized by the Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dt.), Andhra Pradesh, India organized from04/07/2022 to 09/07/2022.
7. Participated & completed successfully in One week National level Inter collegiate Online Faculty Development Program on Outcome Based Education & Bloom's Taxonomy organized by the Internal Quality Assurance Cell of Ramakrishna Mission Vivekananda Centenary College (Autonomous),Kolkata in association with ipsr solutions limited 08 November 2021to15 November 2021.
8. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Green Technology" from 23-08-2021to 27-08-2021 at Sant Longowal instituteof Engineering and Technology, Longowal.
9. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Finite Element Method (with application to solid mechanics, heat transfer and fluid mechanics)" from 17-08-2021 to 21-08-2021 at M.B.M Engineering College, faculty of Engineering and Architecture Vyas University, Jodhpur.
10. Participated in Two day National seminar on "Quality improvement via Accreditation and Ranking" organized by Internal Quality Assurance Cell(IQUAC), Bapatla Engineering College, Bapatla- 522102, Andhra Pradesh during 28-29 June, 2021.
11. Participated in Two-week online Faculty Development Programme (Phase-I), on "Renewable energy intervention in industry, commercial and domestic application" organized by Department of Mechanical Engineering, Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal 518501, Andhra Pradesh during 15-27 February,2021.
12. Guest lecture delivered on "Finite Element Methods" organized by G VR&S College of engineering and Technology, Ganginenipuram, Near Budampadu, Etukuru Post, Guntur-522013,AndhraPradesh on11,February2021
13. Participated in One dayWebinar on Design of Experiments on Taguchi Method held at Kallam Haranadhareddy Institute of Technology, Guntur, on14thMay,2020
14. Participated in One day International Webinar on "Art of Writing Researchreview/ArticlesforpublishinginPeerReviewedJournals"organisedbytheInternal Quality Assurance cell (IQAC), MES College Erumely on 25thMay,2020
15. Participated in Five-day online Faculty Development Programme on "Pedagogical

practices of new India under national educational policy,2020" jointly organized by Tripura university, Manipur university and Assam university from 07-11October,2020.

16. Participated in Five-day online Faculty Development Programme on "Emerging Technologies (IOT, Robotics & UAV)" organized by AICTE Training and Learning (ATAL)Academy from12-16 October,2020.

17. Participated in Two week online Faculty Development Programme (Phase-I),on"Renewableenergyinterventioninindustry,commercialanddomesticapplication" organized by Department of Mechanical Engineering, RajeevGandhiMemorialCollegeofEngineeringandTechnology,Nandyal-518501,AndhraPradeshduring 15-27 February,2021.

18. ParticipatedinOneWeekonlineFacultyDevelopmentProgrammeonmodelling and optimization techniques for materials and manufacturing processes held at LBRCE, Mylavaramfrom18-22may, 2020.

19. Participated in an AICTE Sponsored Short Term Course on "Advances in Thermofluidics of Multi phase Flows" held at IIT Madras from 04th October to 09th November,2019.

20. Participated in an AICTE Sponsored Short Term Course on "Introduction to Smart Materials with Energy Harvesting Applications Chemistry" held at IIT Madras from 2nd September to 7th November, 2018.

21. Participated in AICTE approved faculty development program (FDP201X)on"PEDAGOGYFORONLINEANDBLENDEDTEACHING LEARNINGPROCESS"conductedbyIndianInstituteofTechnology,BombayfromOct30-dec13,2018.

22. Participated in AICTE approved faculty development program (FDP101X)on"FOUNDATIONPROGRAMINICTFOREDUCATION"conducted byIndianInstituteofTechnology,BombayfromSep13–oct182018.

23. D. Kondala Rao, "An analysis of feature identification for tool wear monitoring by using acoustic emission", International Conference on Recent Advances in Materials and Manufacturing Technologies during19–20 November,2018at MLRIT, Hyderabad, India.

24. Participated in an AICTE Sponsored Short Term Course on "Materials Chemistry: Solids, Nano materials and Semiconductors" held at IIT Madras from 29th October to 05th November,2017.

25. Participated in a two-day national seminar on "March to Make in India through Engineering Advancements (MMIEA)" held at R.V.R&J.C College of Engineering during September 29-30,2016.

26. ParticipatedinanAICTESponsoredShortTermCourseon"TRIBOLOGYIN DESIGN" held at IIT Madras from 07th Novemberto 12th November,2016.

27. Participated in an AICTE Sponsored Short Term Course on “Mechatronicsand Intelligent Systems” held at IIT Madras from 27th July to 1st August,2015.

28. Participated in an AICTE Sponsored Short Term Course on “Fluid Dynamics- Theory to Industrial Applications (FDTIA)” held at IIT Madras from17- 22 November,2014.

29. Participated in workshop on “FINITE ELEMENTA NALYSIS(FEA)” held at JNTU Kakinada.

30. Acted as judge for student paper contest PRAGNA 2K16, conducted byDepartment of Mechanical Engineering, Indira Institute of Technology &Sciences, conducted on 25th &26th Feb 2016.

31. D. Kondala Rao, V. Tarachand “Analysis of Combined Cycle Power Plant” National Conference on Recent Advances in Mechanical Engineering, (NCRAME)2011, at R.V.R.&J.C, Guntur, India

DECLARATION

I hereby affirm that the details furnished above are true and correct to the best of my knowledge and belief.

(KONDALARAO DASARI)