



Name: M. Krishna
Designation: Assistant Professor
Department: Automobile Engineering
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Experience (in years): Teaching: 06 Research: 03 Others:

1. Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization |
|------|-------------------------|-----------------|----------------|
| 1 | Bachelor of Engineering | 2014 | Automobile |
| 2 | Master of Engineering | 2016 | M.E.-CAD/CAM |
| 3 | Ph.D | pursuing | Manufacturing |

2. Teaching and Learning:

- 2.1. Teaching Interests: Manufacturing
- 2.2. Novel Teaching & Learning Techniques adopted: VNR Lab Protocol, WIT WIL & POGIL
- 2.3. Involvement in curriculum updating / Design: Manufacturing.

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Reading Books, Listening Music and Surfing Net
- 3.2. CCA/ECA Organized:
- 3.3. CCA/ECA participated:
- 3.4. Counseling and Mentoring Activity: Mentor for A.E. B.Tech. 2018-2022 Batch
- 3.5. Committees involved in:
 - Department level: NBA, CDC
 - Institute Level: NA

4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1 Conducted:
 1. Workshop on "Electric Mobility and its Ecosystem", during 17 and 18 February 2020
 2. Webinar on "After treatment systems for BS VI Vehicles", on 24 February 2021
 3. Two day National level Seminar on "Characterization and Machinability Studies of Metal Matrix Composites & Friction Stir Welding" during 26 and 27 February 2021
 4. Webinar on Vehicle Control Systems on 7th July 2021
 5. FDP on "Fuel powered, Hybrid Electric and Modern Vehicles" during 19-24 July 2021
 6. Webinar on CETD on 21 August 2021

4.2 Attended:

1. One-week Quality Improvement Programme on “Instructional Design and Delivery System” conducted by NITTTR, 11-16 December 2017
2. Five-day Short-Term Training Program on “Engineering Drawing through AUTOCAD”
3. Five-day Faculty Development Program on Data Science and Big Data Analytics conducted by ICT Academy, 09-13 April 2018
4. A three-day workshop on “Digital manufacturing” organised by Department of Mechanical Engineering at VR Siddhartha Engineering College, 19-21 July 2018
5. One-week GiAN course on “Advances in Additive and Digital Manufacturing” organised by Department of Mechanical Engineering, University College of Engineering, Osmania University, 25-29 March 2019
6. Faculty Summer Training Program on “Machine Learning” from 20-25 May 2019
7. Two-day workshop on “Technical Writing” held on 28 and 29 June 2019
8. Five-Day FDP on “Automation Studio Software” 24-28 September 2019
9. One week Faculty training program on “Learning by doing on Python” 18th to 23rd Nov’2019
10. STTP on “3D Printing Processing and Applications” 25-29 November 2019
11. One week FDP on “3D Printing for Industrial and Biomedical Applications” organized by NIT Patna and VNRVJIET, 2-6 December 2019
12. Two-Day National Workshop on “Electric Mobility and its Ecosystem”, 17-18 Feb’2020
13. ATAL 5 Day FDP on “Artificial Intelligence” by IIIT Nagpur, 24-28 April 2020
14. Online course on “Career edge knockdown the lockdown” by TCS iON, 29/4/20 to 17/5/2020
15. FDP on “Machine Learning for beginners” organized by Sphoorthy Engineering College, Hyderabad on 03rd May 2020
16. FDP on “Cyber Forensics” organized by SreedeviWomensEngineering College, Hyderabad in collaboration with Indian Servers, Vijayawada on 04th May 2020
17. FDP on “Online teaching etiquette and best practices” organized by Santhiram Engineering College, Nandyal, 10-15 May 2020
18. Workshop on “Additive Manufacturing” organized by S.A. Engineering College, Chennai on 15th and 16th May 2020
19. Participated in international e-conference on “Environmental Sustainability and teaching tools in COVID-19 scenario” organized by Jagadamba Engineering College and Technology on 19th and 20th May 2020
20. FDP on “Additive Manufacturing- The research scopes and future trends” organized by Santhiram Engineering College, Nandyal. 22-28 May 2020
21. One-week FDP on “Python 3.4.3” organized by Vaagdevi Engineering College, Warangal in association with IIT Bombay, Spoken tutorial
22. FDP on “Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles” organized by Bapatla Engineering College, 01 June to 06 June 2020
23. STTP on “MATLAB for all” organized by Sir M. Visvesvaraya Institute of Technology, Bangalore, 04-08 June 2020
24. FDP on “Role of teachers in quality enhancement and accreditation, 05-11 June 2020
25. FDP on “Materials, Manufacturing and Machining processes” organized by Raghu Institute of Technology, 08-12 June 2020
26. FDP on “Welding for Additive Manufacturing” organized by IWS and CIET, Coimbatore 10–15 June 2020

27. FDP on “Advanced Materials Research” organized by BIET and Indian ceramic society, 15-19 June 2020
28. FDP on “RAME-2020” organized by BIET on 22-26 June 2020
29. FDP on “Research strategies and promotion of teaching learning process” organized by BIET, 23-28 June 2020
30. Workshop on “Effective online teaching using ICT Tools” by VNRVJIET, 29th June to 4th July 2020
31. Workshop on “VNR initiatives and awareness on outcome-based education” by VNRVJIET, 06-11 July 2020
32. FDP on “Quality education through OBE” by Vardhaman college of Engineering, 13-17 July 2020
33. Webinar on “Robots in Automotive Industry and its Functional Applications” 18 July 2020 organized by Hindusthan College of Engineering and Technology, Coimbatore.
34. FDP on “Sustainable mobility solutions in indian context” by VNRVJIET, 27-31 July 2020
35. Workshop on “Application of Data Science for Industrial Problems through Python” 10-28 August 2020 organized by JNTUK
36. One Week Online Workshop on "E content Development" from 24th February, 2021 - 1st March, 2021 organized by BIET, Hyderabad
37. STTP on Next Generation Technology in Manufacturing, Phase - III organized by the Department of Mechanical Engineering, Pondicherry Engineering College, Puducherry from 08.03.2021 to 13.03.2021
38. Orientation/Refresher Programme on “Emerging Trends on IoT” held during 06.04.2021 to 12.04.2021 organized by Guru Nanak Institutions Technical Campus
39. FDP on "3D Printing & Design for Innovative Medical Devices" from 2021-06-28 to 2021-07-02 at Malaviya National Institute of Technology Jaipur.
40. FDP on " Edge computing technologies for Smart Factory Automation and Industry 4.0 " from 16/08/2021 to 20/08/2021 at Kongu Engineering College.
41. Webinar on “Hybrid Technology” on 9th October 2021 organized by Velammal Engineering College
42. 3-Day National Level Seminar on “Future Vehicle Technologies for Green Environment” from 16 February 2022 to 18 February 2022 organized by AED, VNRVJIET
43. 2 Week ATAL FDP on “Digital Manufacturing and Industry 4.0” 17-29 October 2022 organized by MED, MVSR Engineering College, Hyderabad

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles/Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided:

a) UG: 3 b) PG: Nil

5.5. Research Interests: CAD/CAM; Additive Manufacturing;

5.6. Ph.D students: NA

a) Enrolled:

b) Submitted:-

c) Awarded:

5.7. Papers published in reviewed journals:

| S.No | Title of the Paper | Journal Name Vol.No. PP | ISBN/ISSN No. | Impact Factor/ Citation Index | National/ International |
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5.8. Papers presented at National / International Journals:

| S.No | Title of the Paper | Names of the Conference/ Seminars | National/ International | Period |
|------|--|--|--------------------------|--------------------|
| 1 | Influence of LASER CMM Process Parameters on Dimensional Inspection of Standard Spheres | 7th International Conference of Materials Processing and Characterization | International | 17-19 March 2017 |
| 2 | Optimization and influence of process parameters of dissimilar SS304L – SS430 joints produced by Robotic TIG welding | International Conference on Recent Advances in Materials, Manufacturing & Energy Systems | International | 3-4 January 2019 |
| 3 | Sliding wear characteristics of aluminium silicon alloy with macro addition of magnesium at room temperature | Sustainable Development in Mechanical Engineering (SDME 2020) | International Conference | 30-31 October 2020 |

5.9. Sponsored research Projects:

| S.No | Title | Agency | Period | Grant amount | Ongoing / Completed |
|------|-------|--------|--------|--------------|---------------------|
| - | - | - | - | - | - |

5.10 Consultancy Projects:

| S.No | Title | Agency | Period | Sanctioned Amount | Ongoing / Completed |
|------|-------|--------|--------|-------------------|---------------------|
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6. Awards / Honors received:

7. Motto:“As long as I live, so long do I learn”.