

## BIO - DATA



1. Name : Dr. D.V.V.KRISHNA PRASAD
2. Date of Birth : \*\* - \*\* -1966
3. Designation : Professor and Head of the Department
4. Department : Mechanical Engineering
5. Name of Institution : R.V.R. & J.C. College of Engineering
6. Field of Specialization : Production Engineering
7. Academic Qualifications (Graduation onwards):

Degree	University/ Institution	Year of Passing	Specialization
PhD	J.N.T.UniversityHyd	2003	Mechanical Engineering
M.E.	Annamalai University	1990	Production Engineering
B.Tech.	Nagarjuna University	1987	Mechanical Engineering

S. No.	Universities/College	Designation	Period
1	RVR&JCCE/ Nagarjuna University	Professor	01-06-2005 onwards
2	RVR&JCCE/ Nagarjuna University	Assoc. Professor	01-08-99 to 31-05-2005
3	RVR&JCCE/ Nagarjuna University	Asst. professor	1-10-90 to 31-07-99

8. Areas of Interest:
  - 1.CAD/CAM/CAE
  2. Manufacturing
  - 3.Optimization Techniques
  - 4.Robotics

### 9. Publications:

**Vidwan Link:** <https://vidwan.inflibnet.ac.in/profile/183705>

**Google scholar link:**

[https://scholar.google.com/citations?hl=en&user=XRYwQxYAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=XRYwQxYAAAAJ&view_op=list_works&sortby=pubdate)

**Scopus link:**<https://www.scopus.com/authid/detail.uri?authorId=57208450574>

**ORCID Link** :<https://orcid.org/0000-0003-2971-2602>

**WOS Link**:<https://publons.com/researcher/2929521/vv-krishna-prasad-davuluri/>

**Research Gate Link** :[https://www.researchgate.net/profile/V\\_Vkrishna\\_Prasad\\_D](https://www.researchgate.net/profile/V_Vkrishna_Prasad_D)

## 10. **Journals**

1. NVS Borra, **Krishna Prasad, D.V.V.**, Influence of Cr<sub>3</sub>C<sub>2</sub> Addition on Microstructure and Mechanical Properties of AA2618 Composites by Powder Metallurgy, Metallography, Microstructure, and Analysis vol 12, issue: 5, pages: 788-801, 2023.  
**DOI:** <https://doi.org/10.1007/s13632-023-01003-8>
2. G. Kishore Chowdari, **DVV Krishna Prasad**, SBR Devireddy A micromechanical and numerical model for effective thermal conductivity of areca fiber and coconut shell particulate-reinforced hybrid composites, International Journal of Computational Materials Science and Engineering Volume:11, issue: 03, pages 2250006 2022<https://doi.org/10.1142/S2047684122500063>
3. **Krishna Prasad, D.V.V.**, NVS Borra, Experimental Investigations of Al-Cr<sub>3</sub>C<sub>2</sub> Composite Preform Densification and Deformation Annales de Chimie -Science des Matériaux. volume: 46 issue 4, pages: 185-192. 2022.<https://doi.org/10.18280/acsm.460403>
4. Kishore Chowdari, G., Krishna Prasad, D.V.V., Mechanical Characterization of Areca Fiber and Coconut Shell Powder Reinforced Hybrid Composites. Materials science Forum. Vol 1034., pp:61-71, 2021. Doi: <https://doi.org/10.4028/www.scientific.net/MSF.1034.61>
5. KSBSVSS, B N V Srinivas, Dr. D. V. V. Krishna prasad, A review on powder metallurgy of aluminium metal matrix composites, pensee international journal 51 (2), 846-853, 2021
6. M Girikonda, E Sai Baba, M VINITHA, D V V Krishna Prasad, Mechanical Characterization of Stir Cast Al-7075/Al<sub>2</sub>O<sub>3</sub>/B<sub>4</sub>C Hybrid Metal Matrix Composites International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 11, pp 1068-1071, 2020
7. **DVK Prasad**, GSK Chaitanya, RS Raju. Double diffusive effects on mixed convection Casson fluid flow past a wavy inclined plate in presence of Darcian porous medium. Results in Engineering 3, 100019 1  
2019<https://doi.org/10.1016/j.rineng.2019.100019><https://doi.org/10.1016/j.rineng.2019.100019>

8. **DVVK Prasad**, GSK Chaitanya, RS Raju. Simultaneous effects thermal diffusion and diffusion Thermo on MHD non-newtonian casson fluid flow Along a vertically inclined plate in presence of free convection and joules dissipation. *ARNP Journal of Engineering and Applied Sciences*, ISSN 1819-6608 VOL. 14, NO. 10, MAY 2019, pp 1876-1897 .
9. ES Baba, M Vinitha, **DVVK Prasad**. Effect of T6 Heat Treatment on Dry Sliding Wear Performance of Al-7075/Al<sub>2</sub>O<sub>3</sub>/TiC Hybrid Metal Matrix Composites. *International Research Journal of Engineering and Technology (IRJET)* e-ISSN: 2395-0056 Volume: 06 Issue: 07 July 2019 pp 2774-2780
10. PH Aditya, KS Kishore, **Dr. D.V.V.KRISHNA PRASAD**, “Characterization of Natural Fiber Reinforced Composites”. *International Journal of Engineering and Applied Sciences (IJEAS)* ISSN: 2394-3661, Volume-4, Issue-6, June 2017 PP 26-32
11. **Dr. D.V.V.KRISHNA PRASAD**, K.V.Satyanaranya, “ Optimization of Drilling Parameters for Delamination Factor In Hybrid Fiber Reinforced Polymers”, *IJSET - International Journal of Innovative Science, Engineering & Technology*, ISSN 2348 – 7968, Vol. 3 Issue 6, June 2016 PP 353-359
12. **Dr. D.V.V.KRISHNA PRASAD**, K.V.Satyanaranya, “Optimization of drilling parameters for HRFP composite using ANOVA analysis”, *International Research Journal of Mathematics, Engineering and IT (IRJMEIT)*, ISSN: (2349-0322) vol.3 issue 5, may2016 pp 11-21
13. **Dr. D.V.V.KRISHNA PRASAD** “Cell Formation by SLCA Technique using Various Similarity Coefficients” *IJSET - International Journal of Innovative Science, Engineering & Technology*, ISSN 2348 – 7968, Vol. 2 Issue 6, June 2015 PP 659-668
14. **D.V.V. Krishna Prasad** “Multi Objective Optimization of Turning Parameters Using Neural Network Coupled Genetic Algorithm” *Mechanica Confab* ISSN: 2320-2491, Vol. 2, No. 7, December 2013- January 2014 PP 1-11
15. **D.V.V.Krishna Prasad** “Influence of Cutting Parameters on Turning Process Using ANOVA Analysis” *Research Journal of Engineering Sciences* ISSN 2278 – 9472, Vol. 2(9), September (2013) PP 1-6
16. **D.V.V. Krishna Prasad** and K. Bharathi, “Multi-Objective Optimization of Milling Parameters for Machining Cast Iron on Machining Centre” *Research Journal of Engineering Sciences* ISSN 2278 – 9472, Vol. 2(5), May 2013 PP35-39.

17. **Dr.D.V.V. Krishna Prasad**,J.P.Karthik “Prediction of leaf spring parameters using artificial neural networks “International Journal of Engineering Science and Technology (IJEST), ISSN : 0975-5462 Vol. 5 No.05, May 2013, PP 1064 – 1069.
18. 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.

### **International conferences**

1. ES Baba, M Vinitha, DVVK Prasad, Influence of Heat Treatment on Mechanical Characteristics of Al7075/Al2O3/TiC Hybrid Metal Matrix Composite, , IOP Conference Series: Materials Science and Engineering 1112 (1), 012015, 2021
2. **D.V.V.Krishna Prasad**, GSK Chaitanya, RS Raju, “Thermal Radiation Influence on MHD Flow of a Rotating Fluid with Heat Transfer Through EFGM Solutions” AIP Conference Proceedings,1953, 140142 (2018); doi: 10.1063/1.5033317 , 2018
3. **D. V. V. Krishna Prasad**, G. S. Krishna Chaitanya, R. Srinivasa Raju, Thermal Diffusion Effect on MHD Mixed Convective Flow Along a Vertically Inclined Plate: A Casson Fluid Flow AIP Conference Proceedings, 1953, 140089 (2018); doi: 10.1063/1.5033264. 2018
4. **D. V. V. Krishna Prasad**, G. S. Krishna Chaitanya, R. Srinivasa Raju, Role Of Casson Fluid On MHD Natural Convective Flow Towards Vertically Inclined Plate With Hall Current. AIP Conference Proceedings,1953, 140073 (2018); doi: 10.1063/1.5033248
5. MrM.Siva Nayak, **Dr.D.V.V.Krishna Prasad**., R.V.S.Ganesh,“Optimization of machining parameters using MOGA”, in IMMM2010, International Conference on Mechanics, Materials and Management at College of Engineering Trivendram, Kerala, during 14-16 Jan 2010, VOL II , pp :635-642.

### **National conferences**

1. M.Sivanayak and **Dr D.V.V. Krishna Prasad**, “ Multi objective optimization of machining parameters using Genetic Algorithm approach” , Proceedings of OPTFEST 2009, Fourth National Conference on Optimization techniques in Engineering sciences and Technologies at Bannari Amman Institute of Technology, Satyamangalam-638401, during 27th and 28th March2009.

2. **D.V.V.Krishna Prasad**, "optimization of machining parameters for multi tool milling operations using GA approach", proceedings of national conference on factory automation robotics and soft computing, NIT Warangal during 18-19 January 2007, pp255-259.

#### 11. **Patents**

1. **Dr.D.V.V.Krishna Prasad**, Sri G.KishoreChowdari, Dr.M.Vijaya, Sri J.Rangaraya Chowdary, **Sri D.Chakradhar Granted a patent on Electric Scooter for Handicapped**. Patent Number: 355258-001
2. **Dr. D. V. V. K. Prasad**, Dr. K. Praveen Kumar, Dr. V. Ramakoteswara Rao, Sri Ch. Deva Raj published **a patent on Advanced Regenerative Vehicle SuspensionSystem With Artificial Intelligence ForEnergy Recovery**. Patent Number: 202441002309
3. Dr. K. Ravindra, Dr. Kolla Srinivas, **Dr. D. V. V. K. Prasad**, Dr. V. C. das, Dr. G. Srinivasa Rao, Dr. C. Srinivas, Dr. N. V. V. S. Sudheer, Dr. B. Ramgopal Reddy, Dr. K. Bala Prasad, Dr. G. Chaitanya, **published a patent on Fc Lawn Mover** . Patent Number: 202041050680

#### 12. **Membership in Scientific and Professional Societies** :

Life Member, Indian Society for Technical Education (ISTE).

Member, IAENG (Membership No. 126144)

Member, The IRED (Member Ship No. SNM1010002634)

13. No of Ph.D. guided : 02

14. No of Ph.D. guiding : 07

15. No of M. Tech's. guided: : 13

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

1. Attended short term course 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. Attended short term course on "OBE" conducted by Nirmala college Muvattupuzha during 10-17 May, 2023.

3. Attended on 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 during 8-15 November, 2021.
4. Attended short term course on "Bio conversion technologies and start-up opportunities in biofuel production" conducted by ATAL, Silver jubilee Govt. College during 14 -18 June, 2021.
5. Attended short term course on "Product Design and Development Through ICT conducted by National Institute of Technical Teachers Training and Research (NITTR) Chandigarh at R.V.R & J.C. College of Engineering during 17-21, June, 2019
6. Attended short term course on "ICT mode on NBA accreditation" conducted by National Institute of Technical Teachers Training and Research (NITTR) Chandigarh at R.V.R & J.C. College of Engineering during 6 – 10 November, 2017
7. Attended short term course on "Optimization using MATLAB through ICT" conducted by National Institute of Technical Teachers Training and Research (NITTR) Chandigarh at R.V.R & J.C. College of Engineering during 17-21, July, 2017
8. Attended short term course on "Neural networks and Fuzzy Logic" at R.V.R & J.C. College of Engineering during 24-28th Apr, 2017.
9. Attended National Work shop on "Computational Mechanics" at R.V.R & J.C. College of Engineering during 15- 16 July, 2014
10. Attended National Work shop on "Computer Vision and Pattern Recognition using MATLAB" at R.V.R & J.C. College of Engineering during 21-22 April July, 2014
11. Attended National seminar on "Advances in Biomaterials for Medical Applications" at R.V.R & J.C. College of Engineering during 14-15 March, 2014
12. Attended National seminar on "Solar Harvesting through Photovoltaic Cells and Storage" at R.V.R & J.C. College of Engineering during 21-22 June, 2013
13. Attended national conference on factory automation robotics and soft computing, NIT Warangal during 18-19 Jan 2007.