



**POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**

Sp ons ored b y: S KP VV H in d u High Sc h ool Com mitte e, Es td: 1906  
( Ap pr oved b y AI CT E Af filia ted to J N T U Kak ina da)

IS O 9001:2015 Certified

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**FACULTY PROFILE**

**Dr. P.S.Srinivas**

D. No. 27-39-7/1,  
Flat No. 202, Sri Lakshmi Sai Residency,  
Gopalakrishnaiah Street, Governor Pet,  
Vijayawada. 520 002  
Mobile: 9490880275  
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**Experience:**

Teaching: 29 ½ years  
Industry: 1 ½ Years

**Career Profile**

Year	Organization	Role
2017 Feb - till date	P.S.C.M.R.College of Engineering & Technology, Vijayawada	<b>Professor &amp; Head of the Department</b>
Nov 1998 - Feb 2017	V.R.Siddhartha Engineering College, Vijayawada	Associate Professor
August 1989 - Nov 1998	S.R.K.R. Engineering College, Bhimavaram	Assistant Professor & Associate Professor

**Qualification**

Degree and Date	Board / University	Date of Completion	% Marks
Ph.D.,	JNTUK, Kakinada	2013	-
M.Tech.,	REC, Warangal	1989	60.5
B.Tech.,	JNTU, Kakinada	1986	73.5

### **The subjects handled:**

- Engineering Drawing, Operations Research, CAD/CAM,
- Production Technology, Machine Tools, Engineering Mechanics at UG Level.
- Advanced Production Technology, Automation & Robotics, Fluidics, CAD,
- Computer Graphics at PG Level

### **Affiliation to Professional Bodies**

**Member, Institution of Engineers (I)**

**Member, Indian Society for Technical Education**

**Member, IAENG**

### **Publications**

1. **"Optimal Strategies in Allocation of Land in Krishna District Considering by Major Crops in Agriculture Planning"** in Journal of Adv Research in Dynamical & Control Systems, 11- Special Issue, July 2017. P.S.Srinivas, T. Harikrishna, N. Vijaya Sai, ISSN 1943-023X page 63 - 71.
2. **"Modeling and Optimization of Overall Performance of Indian Public Sector Banks - A Case Study"**, Dr. N. Vijaya Sai, Dr. P. S. Srinivas, Tata Harikrishna, in Journal of Adv Research in Dynamical & Control Systems, 11- Special Issue, July 2017. ISSN 1943-023X page 521 - 535.
3. **"Performance Evaluation of Container Terminals in Fuzzy Environment: A Case Study"** in the IJMBS Vol. 6, Issue 3, July - Sept 2016, Hari Krishna Tata, Vijaya Sai Nimmagadda, Dr. P.S.Srinivas, M. Ashok Chakravarthy
4. **"Optimal Land Allocation in Krishna District without Circular Economy in Crisp Environment"** in the International Journal of Scientific & Engineering Research, Volume 7, Issue 2, February-2016, pp 1511-1519 by Dr. P.S.Srinivas, Dr. N. Vijaya Sai, T.Harikrishna, ISSN 2229-5518.
5. **"Design a crown wheel gear of differential gear box used in heavy vehicles for structural loads"** in the International Journal of Science, Engineering and Technology Research (IJSETR), Volume 4, Issue 7, July 2015 by T. Loknadh, Dr. P.S.Srinivas
6. **"Experimental Technique to Minimize the model material requirement for the turbine shaft in Rapid Prototyping (FDM)"** in the International Journal of Innovative Research in Advanced Engineering (IJIRAE), Vol 1, Issue 3, (May 2014) by J.N. Malleswara Rao, P. Rakesh, P.S.Srinivas, A. Chennakesava Reddy, ISSN: 2278-2311, pp 1-5
7. **"Optimization of Process Planning and Scheduling using ACO and PSO Algorithms"** in the International Journal of Emerging Technology & Advanced Engineering (IJETAEE),

Volume 2, Issue 10, October 2012, ISSN 2250-2459. P.S. Srinivas, Dr.V. Ramachandra Raju, Dr. C.S.P. Rao.

8. **“An Ant Colony Optimization Algorithm for Optimization of Process Planning”** in International Journal of Mechanical Engineering and Robotics Research, Vol 1, No. 3, October 2012, ISSN 2278 – 0149, P.S. Srinivas, Dr.V. Ramachandra Raju, Dr. C.S.P. Rao.
9. **“Particle Swarm Optimization Approach for Scheduling of Flexible Job Shops ”** in International Journal of Engineering Research & Technology (IJERT), Vol 1, Issue 5, July 2012, ISSN: 2278-0181, P.S. Srinivas, Dr.V. Ramachandra Raju, Dr. C.S.P. Rao.
10. **“Analysis of phase transformations in Steel using online monitoring technique – Acoustic emission”** in Journal of Mechanical Engineering Research Vol. 3(9), pp.300-306, 21 September, 2011, ISSN 2141-2383 by Venkata Siva S.B., Srinivas P.S., Mahesh Kumar M.
11. **“Designing Diesel Engine Cylinder Head Gaskets using the Gasket Material Option of the Analysis Package based on FEM”in “CiiT International Journal of Automation and Autonomous System”** Vol. 3, No. 9, August 2011, pp. 430-435 by P.S.Srinivas, P.Srikanth. ISSN 0974-9551

#### **National Journal:**

1. **“The Performance Evaluation of an Employee using Analytical Hierarchy Process”**in Journal of Manufacturing Engineering, Vol. 7, Issue 1, pp.23-28, March, 2012by P.S.Srinivas, Dr. V. Ramachadra Raju, Dr. C.S.P. Rao.
2. A paper on **Influence of Rake and Relief angles on Forces and Cutter life on End Mills** . Production Journal of Institute of Engineers (I), in Nov., 1995.

#### **International Conference:**

1. **"Evaluation of Technical Efficiency of Rice Production in India"**, at International Conference on “International Conference on Contemporary Engineering and Technology 2018” 2<sup>nd</sup> to 3<sup>rd</sup> April, 2018, at P. S. C. M. R. College of Engineering and Technology, Vijayawada by Dr. P. S. Srinivas, Tata Hari Krishna.
2. **“Modeling and Optimization of overall Performance of Indian Public Sector Banks – A Case Study”**, at International Conference on “International Conference on Contemporary Engineering and Technology 2017” 31st March to 1<sup>st</sup> April, 2017, at P. S. C. M. R. College of Engineering and Technology, Vijayawada by Dr. N. Vijaya Sai, Dr. P. S. Srinivas, Tata Hari Krishna.
3. **“Optimal Strategies in Allocation of Land in Krishna District Considering by Major Crops in Agriculture Planning”** at International Conference on “International Conference on Contemporary Engineering and Technology 2017” 31st March to 1<sup>st</sup> April, 2017, at P. S. C. M. R. College of Engineering and Technology, Vijayawada by Dr. P. S. Srinivas, Tata Hari Krishna, Dr. N. Vijaya Sai.
4. **“Effect of Different Machining Parameters on Machinability of Aluminium Metal Matrix Composite Developed using Colliary Shale – a waste product from coal mines”** at International Conference on “International Conference on Futuristic Trends in Materials & Energy Systems” 29-30<sup>th</sup> December, 2011 at V.R.Siddhartha Engineering College, Vijayawada by Venkata Siva S. B, G. Srinivasarao, K. L. Sahoo, Srinivas P. S.pp 133-140

5. **“A modeling approach to customer satisfaction level in supply chain management under demand uncertainty using Flexsim”**, at International Conference “Team Tech 2008” organized by IISC, Bangalore by M. KedarMallik, P.S.Srinivas, 24<sup>th</sup> September, 2008

### **National Conference:**

1. **“Simulation of the services at a Super market using Flexsim”** at “National Conference on Advances in Mechanical Engineering” Organized by Mechanical Engineering Department, Prasad V. Potluri Siddhartha Institute of Technology” on 11th January, 2008. Page No. 37.M.KedarMallik, P.S.Srinivas.
2. **“Overview of Quality Management in Supply Chain Management”**, at National Conference on Factory Automation, Robotics and Soft Computing, January 18-19, 2007, organized by the Department of Mechanical Engineering, NIT, Warangal. P. S. Srinivas, Dr. C. S. P. Rao, Dr. V. RamachandraRaju. Page No. 308-309.
3. **“Simulation of Bottling lines using Flexsim”**, at National Conference on Advances in Mechanical Engineering (ECKAME-2006), March 18-19, 2006. organized by the Department of Mechanical Engineering, Engineering College, Kota, Rajasthan.
4. **“Concurrent Engineering in Manufacturing – A State of the Art”**, All India Seminar on Computers & Applications in Rural, Industrial and Engineering, at Tirupati, Feb., 1996.
5. **“Computerisation of Acceptance Sampling Plans ”**, All India Seminar on Computers & Applications in Rural, Industrial and Engineering, at Tirupati, Feb., 1996.

### **Books:**

- Editor, Automobile Engineering Technician,
- State Institute of Vocational Education, Andhra Pradesh

### **Conferences, Seminars, Workshops & Guest Lectures Attended**

1. Management Capacity Enhancement Programme from IIM Tiruchirappalli Chennai Centre from 25<sup>th</sup> July, 2016 to 29<sup>th</sup> July, 2016 for 5 days.
2. Recent Advances in I. C. Engines V.R. Siddhartha Engineering College, Vijayawada from 31<sup>st</sup> March, 2016 to 1<sup>st</sup> April, 2016
3. Computational Fluid Dynamics and Applications V. R. Siddhartha Engineering College, Vijayawada from 21<sup>st</sup> December, 2015 to 22<sup>nd</sup> December, 2015
4. Development of Tools using Biomaterials for Medical Applications R. V. R. & J. C. College of Engineering, Guntur from 18<sup>th</sup> September, 2015 to 19<sup>th</sup> September, 2015
5. Recent Trends in Mechanical Engineering S.R.K.R. Engineering College, Bhimavaram on 31<sup>st</sup> August, 2015

6. Smart Materials and Structures V. R. Siddhartha Engineering College, Vijayawada from 28<sup>th</sup> August, 2015 to 29<sup>th</sup> August, 2015
7. Good Governance Practices for Academic Institutions V. R. Siddhartha Engineering College, Vijayawada on 26<sup>th</sup> August, 2015
8. Automobile and Advanced Vehicle Dynamics Hands on Experience V. R. Siddhartha Engineering College, Vijayawada from 13<sup>th</sup> August, 2015 to 14<sup>th</sup> August, 2015
9. CNCLATHE PART PROGRAMMING TRAINING from 12<sup>th</sup>– 14<sup>th</sup> November, 2014 at Ace Micromatic, Hyderabad.
10. Recent Advances in Additive manufacturing on 18<sup>th</sup> October, 2014 at V. R. Siddhartha Engineering College, Vijayawada.
11. Attended a Two Day Workshop on “Additive / Generative Manufacturing” on 7<sup>th</sup> & 8<sup>th</sup> July, 2014 at IITH, Hyderabad
12. Attended a two day TEQIP Conclave on “Enhancing Quality of Technical Education and Research” at IITH, Hyderabad, on 7<sup>th</sup> and 8<sup>th</sup> March, 2014
13. Training on Master cam Software from 18/2/14 to 20/2/14 at VRSEC, Vijayawada
14. Attended an orientation course on Moodle at V. R. Siddhartha Engineering College, from 10<sup>th</sup> – 12<sup>th</sup> February, 2014
15. Attended a one day workshop at VRSEC, Mech Dept. on MATLAB on 7<sup>th</sup> February, 2014
16. Attended a three day Workshop on “Creative Design and Rapid Product Development Technologies”, at NIT Warangal. 28<sup>th</sup> – 30<sup>th</sup> January, 2014. Organized by Dr. Y. Ravi Kumar and Dr. Srikanth Korla
17. Attended a Lecture on “Intellectual Property Rights and its Protection” by Ashok Doppalapudi, on 28<sup>th</sup> January, 2014 at VRSEC, Vijayawada.
18. Organized a guest lecture by Sri. B. Murali Mohan on “Working of Feature Cam Software”, from Delcam Software India (p) Ltd., on 21<sup>st</sup> December, 2013.
19. Attended three Days NBA Training as “Resource Persons and Evaluators – Phase II” from 26<sup>th</sup> to 28<sup>th</sup> September, 2013 at VR Siddhartha Engineering College, Vijayawada.
20. Attended One Day NBA Training as “Resource Persons and Evaluators – Phase I” on 13<sup>th</sup> September, 2013 at VR Siddhartha Engineering College, Vijayawada.
21. Attended a Two Day DST Sponsored National Seminar on “Futuristic Trends of Nano Composites and their Fabrication” on 6<sup>th</sup> & 7<sup>th</sup> September, 2013 at RVR & JC College of Engineering, Guntur.

22. Organized a guest lecture by Sri MadhuSomasundar from M/s SIM Technologies (p) Ltd, Bangalore on 28<sup>th</sup> August, 2013
23. Attended a workshop on “Optimization and Reliability Approaches in Engineering Design” at V.R.S.E.C., during 26<sup>th</sup> to 30<sup>th</sup> November, 2012 by Dr. S. S. Rao, University of Miami.
24. S.T.T.P Programme on "Finite Element Applications to Mechanical Engineering Problems" at PVP Siddhartha Institute of Technology, Vijayawada (16-20 June 2008).
25. Workshop on "Rapid Prototyping Technology for Medical Implants using CT Scan and MIMICS" at NIT, Warangal (10<sup>th</sup> December, 2007)
26. Workshop on “Genetic Algorithms for Mechanical Engineering Optimization Problems” at NIT, Warangal (March 3 – 5, 2006)
27. National Workshop on “Simulation of Manufacturing Systems” at REC, Warangal (7 – 9 October, 2004)
28. Symposium on “Future trends in Manufacturing” at REC, Warangal on 28<sup>th</sup> April 2000.
29. Summer School (2 weeks duration) on Computer Aided Process Planning at R.E.C., Warangal. 1993 (24<sup>th</sup> May to 4<sup>th</sup> June, 1993)
30. WinterSchool (2 weeks duration) on Quality Assurance and Management at I.I.T., Kharagpur. 1993 (22/11/93 to 4/12/93)
31. Workshop on “Interpersonal Skills, Communication & Counseling” at S.R.K.R.Engineering College, Bhimavaram. (21<sup>st</sup> and 22<sup>nd</sup> September 1996).
32. Workshop on “Helping Student Achieve Better Learning Skills and Habits” at Technical Teachers’ Training Institute, Madras. (16<sup>th</sup> to 18<sup>th</sup> December 1996).
33. Workshop on CAD Software 29/10/02.
34. Entrepreneurship awareness camp at SRKR Engineering College, Bhimavaram, 10<sup>th</sup> April 1995 to 12<sup>th</sup> April, 1995.

**Dr. P. S. Srinivas**  
**Signature**